2017/2018
BUYERS GUIDE

70 YEARS OF FAMILY-OWNED FOOD & DAIRY SOURCING SOLUTIONS
NELSON-JAMESON, INC

*L to R: Jerry Lippert, President; Amanda Sasse, Vice-President;
John Nelson, Chairman; Adam Nelson, Vice Chairman*

Welcome to the 70th anniversary edition of the Nelson-Jameson Buyers Guide!

In 1947 when my great-grandfather T.C. Nelson first conceived of the company, the idea was simple: provide a one-stop supply source for the food industry. During his time at Stoelting Brothers producing cheesemaking equipment, he became keenly aware of the challenges food and dairy producers face. They want to focus on producing the best quality product they can, without the hassles of dealing with a multitude of not always reliable suppliers. What if, he thought, there was a single source for all the products these food manufacturers need?

That simple idea has been Nelson-Jameson's driving force for seven decades. Our core mission has always been to simplify our customers' lives: one purchase order, one delivery, one invoice, for all your needs. Of course the challenges faced by food manufacturers today are not what they were in 1947. While operational efficiency continues to be a constant pressure, food safety, regulatory compliance, and satisfying the tastes of increasingly demanding and engaged consumers are all critical problems demanding a solution if your business is to thrive.

Nelson-Jameson understands these challenges and is highly invested in our customers' success, and the success of the industry as a whole. We care deeply about food safety and have the experience and knowledge to help you produce the highest quality product, in the safest manner possible. It's what we do. Whether that means SQF certified warehouses, chain of custody documentation, color-coding programs, environmental testing, etc., we have the tools and expertise to solve the problems you face. We're here to help.

At Nelson-Jameson, your safe, quality food is our business. Since 1947.

Adam B Nelson

Adam Nelson
Vice Chairman

NELSON JAMESON INC.

Buyers Guide for the Food Industry

Nelson-Jameson is committed to bringing you new and innovative products for your dairy and food processing facilities. Throughout this catalog you will find we are continually striving to give you the tools, services and products you need to run your business as efficiently as possible. So contact us today...we are waiting for your order!

Here are some new items you will find in this Buyers Guide:

CC29 • REMCO Stainless Steel Hand Scrapers
CC45 • Locking Drum Caps
2 • SHOWA™ Biodegradable Gloves
57 • Tingley Flite™ Boots
91 • Uvex™ Turboshield™
158 • STOPOUT® Tags By-the-Roll

273 • Stanley Black & Decker Hand Tools
286 • BSX Boot Scrubbers™
492 • EDF Magnetic Check Valves
522 • Poly-SS Metal Detectable & X-Rayable Gaskets
657 • Check-Set® Thermometer Calibrator

Terms & Conditions

Pricing

Call us toll free at 800-826-8302 for the most current pricing. Prices published are current at press time and are for comparison purposes. Quantity and volume discounts may be available.

Price Policy

Prices are FOB shipping point (WI, ID or CA), unless we specify otherwise. Buyers must pay all applicable taxes, duties, tariffs, as well as transportation, insurance, handling, and packing charges. In most cases, these will be added directly to your Nelson-Jameson invoice. Please consult with our billing department regarding exemption certificatesand payment of use taxes.

No Minimum Order Requirement

So that we can quickly meet your emergency needs, Nelson-Jameson has no minimum order requirement. We trust that you will attempt to avoid uneconomically small orders except in emergencies.

Hours

Phone orders call 800-826-8302: 7 a.m. to 5:30 p.m. Central Time, Monday through Friday. Fax orders to 800-472-0840, 24 hours/day.

Payment Terms

Regular payment terms are net 30 days to customers with open account status. Past due accounts are subject to a finance charge of 1.5% per month (18% per annum).

New Accounts

Nelson-Jameson is a business-to-business seller serving food processors. To open a new account, call our customer service department. The application which we provide requests four trade references and a bank reference. Credit approval is required prior to shipping. Prior to establishment of an open account, we can ship COD or prepaid orders (we accept VISA, MasterCard and American Express).

Specifications

Product specifications - including USDA, OSHA, FDA and other regulatory approvals are subject to change without notice. Please ask for and read current specifications before placing your order. Customers are expected to make their own determination of product suitability for their application and of compliance with laws and rules of governmental agencies.

Sales Tax

Sales tax is assessed as accurately as possible in the states where we are registered to collect and remit the tax. It is the responsibility of the customer to remit any sales tax due on transactions when not assessed by Nelson-Jameson.

Special Orders

For more than 50 years, we have provided food processors with hard-to-find items. If you need an item not listed in this catalog, call one of our product specialists for assistance. Delivery time, minimums and return policy will vary on special orders.

Questions & Comments

If you have questions, comments, or complaints, simply let us know. Call us toll-free about Nelson-Jameson products, service, prices, credit policies, sales tax charges, shipping, your invoice or anything else of concern to you. Our customer service staff will obtain an answer for you or will route your concerns to the appropriate department. If you feel we are not being responsive to your needs, please call our customer service supervisor. Our is your total satisfaction.

You may write, visit, email, call or fax us at any time: Nelson-Jameson, Inc.

2400 E. 5th St., Marshfield, WI 54449

Phone: 800-826-8302 Fax: 800-472-0840

sales@nelsonjameson.com

Warranty

Products not manufactured, assembled, modified or combined by Nelson-Jameson are warranted only to the extent of the warranties provided by the manufacturer of such products may be passed through to you. Those warranties which are passed through to you are the only warranties given with respect to those products, and Nelson-Jameson does not provide any warranties with respect to those products. To the extent allowable by law, we hereby assign such warranties to you, the customer. Products modified or combined by Nelson-Jameson are warranted, at the time of delivery, to conform to their published specifications, or those specifications agreed to in writing by an authorized officer of Nelson-Jameson. No employee or agent of Nelson-Jameson has authority to create for Nelson-Jameson any other obligation or liability with respect to products or services it sells.

Products modified or combined by Nelson-Jameson at the request of the buyer are warranted, at the time of delivery, to conform with the specifications agreed to in writing by an authorized officer of Nelson-Jameson. No employee or agent of Nelson-Jameson has authority to create for Nelson-Jameson any other obligation or liability with respect to products or services it sells. Repair, replacement or refund of the purchase price of products not meeting the specifications is the exclusive remedy under this warranty or any implied warranty. The foregoing warranties are exclusive and in lieu of all other express and implied warranties, including, by not limited to, the warranties of merchantability and fitness for a particular purpose, which hereby are expressly disclaimed.

Incidental and Consequential Damages. In no event shall Nelson-Jameson be liable for any penalties, special, contingent, punitive, incidental or consequential damages or losses.

Force Majeure

Liability for performance or failure to perform hereunder shall be excused to the extent caused by act of God, labor trouble, fire, act of governmental authority, shortage of raw materials or labor, failure of transportation or supplies, accident or any other cause beyond the control of the party claiming such excuse. The party claiming such excuse shall give written notice to the other party within ten (10) days after occurrence of the event giving rise to the claim, stating in such notice its best estimate of the duration of the delay.

Limitation of Seller's Liability

Seller's liability for any legal claim, whether in contract, tort or otherwise, arising out of, connected with, or resulting from the sale, delivery, resale, repair, replacement, or use of the goods sold by Seller hereunder shall in no event exceed the purchase price of such goods and also shall be limited to, at Seller's sole option, replacing or repairing or issuing a credit or refund for that part of the purchase price of such goods which is allocable to the part or parts of the goods related thereto which give rise to such claim.

Governing Law and Venue

This agreement and the sale of the products and services hereunder shall be governed and construed according to the internal laws of the state of Wisconsin, United States of America. The parties hereby agree that any legal action deemed necessary by either party to this agreement and the sale of the products and services hereunder shall be brought in the State Court in and for the Marathon County, Wisconsin, and both parties hereto hereby consent to the personal jurisdiction of such court in any such action over the parties hereto.This provision specifically excludes venue and jurisdiction in any other state or federal court.
State of Limitations. Any action, whether based upon theories of breach of warranty, breach of contract, negligence or otherwise, with regard to the products or services sold hereunder must be commenced within one (1) year after the cause of action has occurred.

Shipping Information

Nelson-Jameson shall use commercially reasonable efforts to ensure that items are shipped the same day if ordered before 2 p.m. Central Time. We will use our best judgment to route your order, unless you give us specific instructions otherwise. Most orders are shipped via FedEx, UPS, or other carriers, and insured. Our traffic manager will be happy to discuss optional shipping methods if you need faster service. In some areas, Nelson-Jameson's own trucks are a prompt, cost-effective delivery method.

Hazardous materials are restricted by DOT and other carriers within some air and ground service classifications. Please consult with us to determine the most cost-effective method to safely ship your orders of hazardous materials. Temperature-sensitive products are shipped early in the week, if temperatures are extreme,to avoid transit on weekends. If you do require us to ship these products when there is danger of damage by cold or heat, we will use insulated containers and/or select qualified carriers. Cost of special handling, packing, and transporting will be charged to the customer.

Returns

Stock merchandise, with certain exceptions, as determined by Nelson-Jameson, Inc. ("Nelson-Jameson"), may be returned at your cost for full credit of the purchase price paid at any time within 60 days of purchase. Product(s) must be returned prepaid and received in saleable condition, as determined by Nelson-Jameson. Exceptions include - but are not limited to - special order items, non-stock items, food ingredients; laboratory standards; and temperature sensitive, hazardous, or dated materials; these are considered on a case-by-case basis. Other returns, including returned received after 60 days of purchase, may be refused or will be subject to restocking charge (15% of purchase price, at minimum), at Nelson-Jameson's sole discretion.

To return any merchandise, please call us at (800) 826-8302 or email us at sales@nelsonjameson.com to request a return. Please provide company name and location, pertinent information regarding the return, and reason for the return. Our Returns Department will notify you with your RMA number and shipping instructions for your returning product, usually within 5 business days. Credit, if forthcoming, will be issued following receipt and inspection of returned merchandise, unless manufacturer's authorization of credit is required.

Once issued, RMA's are valid for 30 calendar days. Denials, extensions or cancellations are done at the sole discretion of Nelson-Jameson on a case-by-case basis. Approval of RMA does not guarantee credit.

Product defects, as determined by Nelson-Jameson and/or the manufacturer of the product will be handled promptly in accordance with the terms of this policy. Full credit will be issued for such defective merchandise, as well as reimbursement of reasonable shipping charges, as determined by Nelson-Jameson in its sole discretion or that of the manufacturer.

Damaged or Lost Shipments

Orders are carefully packed for shipment. Please inspect upon arrival. In the case of damaged or missing merchandise, please document on the Packing List, Bill of Lading or Delivery Receipt and contact us within 5 days. Failure to do so may result in a reduction or denial of credit. Retain original shipping carton, all inner packing materials, and damaged merchandise. If possible, take a digital picture of the carton, packing and damaged item to aid us in potential freight claims with the carrier. Overdue or lost shipments can be traced with the tracking number on the invoice or shipping acknowledgement. Call us for assistance if the package is 5 business days overdue. Collect shipments are the sole responsibility of the recipient.

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Call Customer Service at 800-826-8302

NITRILE GLOVES

X3 Nitrile Gloves

An industrial grade, blue, disposable glove commonly used for food processing, janitorial, manufacturing, and industrial applications. FDA approved for food service. These 3-mil gloves feature a texture on the palm, fingers, and finger tips to enhance gripping power in wet and dry conditions. Powder-free and latex-free with a beaded cuff. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	192-4285	$6.26
M	BX	192-4286	$6.26
L	BX	192-4287	$6.26
XL	BX	192-4288	$6.26
2XL	BX	192-4289	$6.26

SaniWear™ Disposable Nitrile Gloves

These latex-free, disposable blue nitrile gloves have the fit and feel of latex gloves. Gloves are chemical resistant, made of FDA accepted materials, and available in both lightly powdered and powder-free varieties. Gloves have great dexterity and are textured for an excellent grip. Powder-free style comes in hard-to-find 2XL size. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
Lightly Powdered			
M	BX	488-2710	$7.23
L	BX	488-2715	$7.23
XL	BX	488-2720	$7.23
Powder-Free			
S	BX	488-2728	$7.43
M	BX	488-2730	$7.43
L	BX	488-2735	$7.43
XL	BX	488-2740	$7.43
2XL	BX	488-2745	$7.43

TouchNTuff® Disposable Nitrile Gloves

More touch-sensitive and tougher than most latex gloves - without any latex allergy problems. The 4-mil gloves are thin and comfortable, yet have great resistance to nicks and cuts, food oils, and chemicals. Perfect gloves for line workers in the food plant. Rolled cuff. Available powdered or powder-free. 9.5" length. Teal green. FDA accepted materials. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
92-500 Lightly Powdered			
S	BX	193-2925	$9.34
M	BX	193-2930	$9.34
L	BX	193-2935	$9.34
XL	BX	193-2940	$9.34
92-600 Powder-Free			
S	BX	193-2950	$11.53
M	BX	193-2955	$11.53
L	BX	193-2960	$11.53
XL	BX	193-2965	$11.53

N-DEX® 7005 Disposable Nitrile Gloves

The world's first 100% nitrile disposable glove, N-DEX 7005 provides unmatched dexterity and performance across a range of tactical applications using revolutionary SHOWA technology. The second-skin feel of this 4-mil powder-free glove significantly reduces hand fatigue. Made of FDA accepted materials. Blue. 100 gloves/box; 20 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	192-2905	$14.28
M	BX	192-2910	$14.28
L	BX	192-2915	$14.28
XL	BX	192-2920	$14.28
2XL	BX	192-2925	$14.28
3XL	BX	192-2921	$12.36

6110PF Biodegradable Disposable Nitrile Gloves

Crafted with SHOWA's revolutionary Eco Best Technology® (EBT), this biodegradable 4-mil nitrile disposable glove delivers unmatched comfort, dexterity and performance across a range of applications. These powder free gloves perform the same as non-EBT nitrile disposable gloves, but are 100% biodegradable. Features a 9.5" length, a second skin fit and feel, and a rolled cuff. Green. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
XS	BX	192-2300	$8.24
S	BX	192-2301	$8.24
M	BX	192-2302	$8.24
L	BX	192-2303	$8.24
XL	BX	192-2304	$8.24
2XL	BX	192-2305	$8.24

N-DEX® 7700PFT Disposable Nitrile Gloves

Durability meets style with the N-DEX 7700PFT. Engineered with revolutionary SHOWA technology found in the N-DEX line of products, 7700PFT features ESD and static-dissipative properties. The dark color hides dirt and grime, while the rolled cuff prevents dirt from entering the glove. Features powder-free bisque fingertips, a 9.5" length with a 4-mil thickness, and a second-skin feel that significantly reduces hand fatigue. Black. 50 gloves/box; 20 boxes/case.

Size	Unit	Stock #	PRICE
S (6-7)	BX	192-1000	$8.04
M (7-8)	BX	192-1001	$8.04
L (8-9)	BX	192-1002	$8.04
XL (9-10)	BX	192-1003	$8.04

Prices subject to change.

Microflex® Disposable Nitrile Gloves

These industrial grade gloves are ideal for light maintenance, cleaning and a number of tasks not requiring medical grade protection. Thickness provides a reliable level of protection while retaining tactile sensitivity. Component materials comply with FDA regulations for food contact. Powder-free, latex-free blue gloves are 4-mil, 9.5″ in length, 100 gloves/box; 10 boxes/case. *2XL has 90 gloves/box.

Size	Unit	Stock #	PRICE
S	BX	192-2611	$5.66
M	BX	192-2612	$5.66
L	BX	192-2613	$5.66
XL	BX	192-2614	$5.66
2XL	BX	192-2615	$5.66

6205PF Disposable Nitrile Gloves

Show support for cancer research while enjoying the protection associated with the SHOWA N-DEX® line of hand protection. These 4-mil thick, 9.5″ long nitrile gloves are powder free and feature a low-modulus formulation. The second-skin feel significantly reduces hand fatigue while providing superior durability and versatile performance. Pink.
100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
XS	BX	192-2945	$15.43
S	BX	192-2946	$15.43
M	BX	192-2947	$15.43
L	BX	192-2948	$15.43
XL	BX	192-2949	$15.43

7500PF Disposable Nitrile Gloves

A competitively-priced 100% nitrile glove, the SHOWA 7500PF is designed for the consumer in mind. The second-skin feel significantly reduces hand fatigue, while the rolled cuff prevents dirt from entering the glove. These 9.5″ length gloves are powder free, and feature a bisque finish. Blue.
100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
XS	BX	192-2965	$11.15
S	BX	192-2936	$8.41
M	BX	192-2937	$8.41
L	BX	192-2938	$8.41
XL	BX	192-2939	$8.41
2XL	BX	192-2959	$8.41

6005PF Disposable Nitrile Gloves

Provides a powder-free 100% nitrile option with unmatched dexterity and performance across a range of tactical applications using revolutionary SHOWA technology. These 4-mil thick gloves feature a smooth grip, are easy to put on and remove, and tear away easily in case of emergency break. The low-modulus formulation provides protection with a lower risk of allergies. Blue. 100/box; 20 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	192-7940	$15.35
M	BX	192-7941	$15.35
L	BX	192-7942	$15.35
XL	BX	192-7943	$15.35

Xtreme® Extra Long Nitrile Gloves

Industrial grade, 4-mil blue, powder-free, disposable glove with all the features and benefits of standard nitrile. Gloves feature a micro-roughened texture on the surface of the glove to give you an enhanced grip in wet and dry conditions. The beaded cuff at the base of the gloves makes it easier to don, and is also 4 times thicker to help prevent rips and tears. FDA approved for food service. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	192-2201	$10.62
M	BX	192-2202	$10.62
L	BX	192-2203	$10.62
XL	BX	192-2204	$10.62

GloveWorks® Nitrile Gloves

Thicker than standard disposable nitrile gloves to help stand up to more demanding tasks. These powder-free, latex-free, industrial grade gloves feature a textured finish and 5-mil thickness for premium quality and performance. Blue.
100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
Powdered			
S	BX	192-7013	$7.90
M	BX	192-7014	$7.90
L	BX	192-7015	$7.90
XL	BX	192-7016	$7.90
2XL	BX	192-7017	$7.90
Powder-free			
S	BX	192-7020	$8.22
M	BX	192-7021	$8.22
L	BX	192-7022	$8.22
XL	BX	192-7023	$8.22
2XL	BX	192-7029	$8.22

Call Customer Service at 800-826-8302

NITRILE GLOVES

N-DEX® 9500PF Disposable Nitrile Gloves

The world's first accelerator free disposable nitrile glove, SHOWA N-DEX 9500PF is designed with a thicker mil and longer cuff, providing protection unrivaled by similar gloves. These powder free gloves have a rolled cuff to prevent dirt from entering the glove, and a smooth finish for tactile sensitivity. Features an 11″ length, 5-mil thickness, low-modulus formulation, and a bright fluorescent green color for increased visibility. 50 gloves/box; 20 boxes/case.

Size	Unit	Stock #	PRICE
XS	BX	192-2926	$11.90
S	BX	192-2927	$11.90
M	BX	192-2929	$13.75
L	BX	192-2932	$13.75
XL	BX	192-2931	$13.75

Microflex® Disposable Nitrile Gloves

A thicker food grade 5-mil nitrile glove. More durable for tougher tasks requiring lasting performance. Textured finish maintains a good grip in wet or dry areas. Blue glove is powder-free and component materials comply with FDA regulations for food contact. 100 gloves/box; 10 boxes/case. *2XL has 90 gloves/box.

Size	Unit	Stock #	PRICE
M	BX	192-2665	$6.79
L	BX	192-2670	$6.79
XL	BX	192-2675	$6.79
2XL	BX	192-2680	$6.79

Gloveworks® HD Nitrile Gloves

This popular heavy-duty powder-free glove provides high visibility and superior durability with a raised diamond texture for excellent grip in wet or dry conditions. Black gloves feature a 6-mil, and green and orange features an 8-mil thickness to provide better performance, protection, and safety. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
Green - 8-mil			
M	BX	192-4300	$13.49
L	BX	192-4301	$13.49
XL	BX	192-4302	$13.49
2XL	BX	192-4303	$13.49
Orange - 8-mil			
M	BX	192-4400	$13.49
L	BX	192-4401	$13.49
XL	BX	192-4402	$13.49
2XL	BX	192-4403	$13.49
Black - 6-mil			
M	BX	192-4500	$11.89
L	BX	192-4501	$11.89
XL	BX	192-4502	$11.89
2XL	BX	192-4503	$11.89

N-DEX® 9905PF Disposable Nitrile Gloves

Engineered with extended-length protection and a thicker mil, the SHOWA N-DEX 9905PF brings you the pinnacle of tactile precision, maximum comfort, and high-capacity protection in a wide-range of applications. The rolled cuff prevents dirt from entering the glove, while the 6-mil thickness adds barrier protection. This 11″ long powder-free glove features a low-modulus formulation, and a smooth grip. Blue. 50 gloves/box; 20 boxes/case.

Size	Unit	Stock #	PRICE
M	BX	192-2718	$15.07
L	BX	192-2729	$13.06
XL	BX	192-2720	$15.07

GlovePlus® HD Nitrile Gloves

More than twice the thickness of standard gloves, these 12″ long powder free disposable gloves feature the extra protection of an extended cuff. This exam grade latex free glove has a textured finish and works well for high risk/chemical applications. Blue. 50 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
M	BX	192-7114	$8.58
L	BX	192-7115	$8.58
XL	BX	192-7116	$8.58

9700PF Disposable Nitrile Gloves

Crafted with extended-length coverage and a thicker mil, the SHOWA N-DEX 9700PF provides enhanced comfort and performance across a range of tactical applications using revolutionary SHOWA technology. This 11″ long, 6-mil thick powder-free glove features bisque fingertips, and a low-modulus formulation. Black. 50 gloves/box; 20 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	192-2954	$15.07
M	BX	192-2955	$15.07
L	BX	192-2956	$15.07
XL	BX	192-2957	$15.07

Glove 8ispensers and F acks can be found on page 8 & 9.

Prices subject to change.

Purple Nitrile* Exam Gloves

The glove of choice in leading labs because of their comfort and excellent tactile sensitivity. When users see the distinctive color purple, they know they can concentrate on the task at hand. These 6-mil, powder-free, latex-free gloves feature a 9.5″ length to provide excellent chemical and abrasion resistance. SmartPull* dispenser box helps control dispensing to lessen waste from dropped gloves or multiple dispensing. Gloves can be recycled in the RightCycle by Kimberly-Clark Professional* program. 100 gloves/box; 10 boxes/case. *XL has 90 gloves/box.

Size	Unit	Stock #	PRICE
S	BX	371-2310	$14.33
M	BX	371-2311	$14.33
L	BX	371-2312	$14.33
XL	BX	371-2313	$14.33

Purple Nitrile-XTRA* Exam Gloves

These 6-mil, powder-free, latex-free gloves feature a 12″ length for added protection of the forearm. Made of a highly durable nitrile polymer providing excellent chemical and abrasion resistance. The glove of choice in leading labs because of their comfort and excellent tactile sensitivity. When users see the distinctive color purple, they know they can concentrate on the task at hand. SmartPull* dispenser box helps control dispensing to lessen waste from dropped gloves or multiple dispensing. Gloves can be recycled in the RightCycle by Kimberly-Clark Professional* program. 50 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	371-2324	$12.38
M	BX	371-2325	$12.38
L	BX	371-2326	$12.38
XL	BX	371-2327	$12.38

RightCycle by Kimberly-Clark Professional

RightCycle by Kimberly-Clark Professional* is an innovative program that enables customers to collect previously hard-to-recycle items, such as Kimberly-Clark Professional* nitrile glove and single-use apparel, and have them turned into eco-responsible consumer goods. Contact our safety product specialist for additional details.

N-DEX 8005 Disposable Nitrile Gloves

Outfitted with an 8-mil thickness, the SHOWA N-DEX 8005 is perfect for jobs requiring the utmost in barrier protection, while keeping tactile discrimination. The second-skin feel significantly reduces hand fatigue, while the rolled cuff prevents dirt from entering the glove. These lightly powdered 8-mil, 9.5″ long gloves feature a low-modulus formulation, a smooth grip, and can easily tear away in case of an emergency break. Blue. 50 gloves/box; 20 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	192-7948	$16.42
M	BX	192-7949	$16.42
L	BX	192-7950	$16.42
XL	BX	192-7951	$16.42

The Safety Zone® HD Disposable Nitrile Gloves

Extra heavy, 8-mil, blue, nitrile powder-free gloves. 12″ long for extra coverage. Ambidextrous gloves feature superior fit and flexibility. Glove components comply with the provisions of the FD & C Act, which allow repeated use in direct contact with food. Tear and abrasion resistant. Latex-free. 50 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	192-2750	$6.64
M	BX	192-2751	$6.64
L	BX	192-2752	$6.64
XL	BX	192-2753	$6.64
2XL	BX	192-2754	$7.49

Call Customer Service at 800-826-8302

VINYL GLOVES

GlovePlus® Clear Vinyl Gloves

Premium vinyl gloves are heavy-duty and thicker than standard grade and most other vinyl gloves available. Ambidextrous with rolled cuff for general purpose, food processing operations, and industrial use. Choose powdered or powder-free. Clear. FDA accepted materials. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
Powdered			
S	BX	192-4404	$3.27
M	BX	192-4405	$3.27
L	BX	192-4406	$3.27
XL	BX	192-4407	$3.27
Powder-Free			
S	BX	192-4408	$3.51
M	BX	192-4409	$3.51
L	BX	192-4410	$3.51
XL	BX	192-4411	$3.51

ProGuard® Disposable Blue Vinyl Gloves

Premium disposable vinyl gloves are heavy-duty, and thicker than standard grade and most other vinyl gloves available. Ambidextrous with rolled cuff for general purpose, food processing operations, and industrial use. Choose from lightly powdered or powder-free. Made of FDA compliant materials. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
Lightly Powdered			
S	BX	336-2791	$4.37
M	BX	336-2792	$4.37
L	BX	336-2793	$4.37
XL	BX	336-2794	$4.37
Powder Free			
S	BX	336-2795	$4.54
M	BX	336-2796	$4.54
L	BX	336-2797	$4.54
XL	BX	336-2798	$4.54

Detect-a-Glove Blue Metal Detectable Disposable Vinyl Gloves

Don't let glove contamination ruin your final product or your good name in the food industry. These premium quality 5-mil powder-free vinyl gloves provide the ultimate in safety and comfort. They are disposable and metal-detectable. A unique manufacturing process incorporates a special non-toxic additive to make these gloves, or pieces of them, detectable in the range 50kHz - 1MHz. Set your detector heads accordingly. FDA accepted materials. Highly visible blue color. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	364-2660	$7.32
M	BX	364-2661	$7.32
L	BX	364-2662	$7.32
XL	BX	364-2663	$7.32

The Safety Zone® Powdered Green Vinyl Gloves

With a 6-mil thickness, these economical vinyl gloves give you extra strength for the toughest jobs in your food plant. High-visibility 9.25" long green gloves are easy to identify. Latex-free. FDA accepted materials. 100 gloves/box; 4 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	364-2670	$6.58
M	BX	364-2671	$6.58
L	BX	364-2672	$6.58
XL	BX	364-2673	$6.58
2XL	BX	364-2674	$8.07

Prices subject to change.

Synthetic Disposable Gloves with Aloe

These powder-free gloves will soothe and moisturize dry hands. Non-allergenic, non-irritating, and non-toxic. Gloves are perfect for use in sanitary food handling operations. 3.2-mil. Green gloves are wrist-length with a rolled cuff to prevent drips. FDA accepted materials. 100 gloves/box; 4 boxes/case. Made in the USA.

Handgards

Size	Unit	Stock #	PRICE
S	BX	360-2450	$8.77
M	BX	360-2455	$8.77
L	BX	360-2460	$8.77
XL	BX	360-2465	$9.26

Dura-Touch® SS 34-175 Disposable Vinyl Gloves

These powder-free stretch vinyl gloves offer latex comfort without the risk of latex allergies. 9" long, 5-mil gloves provide comfort, dexterity, and tactile sensitivity. White. Comply with FDA food handling requirements (21 CFR 177.2600). 100 gloves/box; 10 boxes/case.

Ansell

Size	Unit	Stock #	PRICE
S	BX	193-2180	$5.07
M	BX	193-2185	$5.07
L	BX	193-2190	$5.07
XL	BX	193-2195	$5.07

The Safety Zone® Powdered Latex Gloves

Easy on your budget, our comfortable latex disposables offer maximum touch-sensitivity. Tough, stretchy, 4.5-mil construction provides long wear. Rolled cuff adds strength and stops drips. Powdered inside for easy on/off, gloves fit either hand. Natural or blue. 9.65" length. FDA accepted materials. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
Natural			
S	BX	364-2505	$3.78
M	BX	364-2510	$3.78
L	BX	364-2515	$3.78
XL	BX	364-2520	$3.78
Blue			
S	BX	364-2525	$4.82
M	BX	364-2526	$4.82
L	BX	364-2527	$4.82
XL	BX	364-2528	$4.82

The Safety Zone® Powder-Free Natural Latex Gloves

These high-quality 4-mil gloves are tough, but give excellent touch sensitivity. Rolled cuff. Natural color. 9.65" long. FDA accepted materials. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	364-2540	$4.15
M	BX	364-2545	$4.15
L	BX	364-2550	$4.15
XL	BX	364-2555	$4.15

TouchNTuff® 69-210 Disposable Latex Gloves

Made of tough, stretchy 100% natural latex, it's cooler to wear than vinyl disposables. Incredible tactile sensitivity for delicate tasks. Ambidextrous. Biologically absorbable cornstarch dusting powder inside for easy on/off. 9-1/2" length. Rolled cuff. 4-mil thickness. Natural. FDA accepted materials. 100 gloves/box; 10 boxes/case.

Ansell

Size	Unit	Stock #	PRICE
S	BX	011-2025	$8.87
M	BX	011-2030	$8.87
L	BX	011-2035	$8.87
XL	BX	011-2040	$8.87

Heavy-Duty Disposable Latex Exam Gloves

Extra heavy-weight high risk 14-mil blue latex gloves resist organic acids, alcohols, caustics animal fats, ketonic solvents, and mild detergents. Powder-free with a textured surface. 12" length. Made from component materials that comply with Federal Regulation for Food Contact. 21 CRF, 170-199. 50 gloves/box; 10 boxes/case.

WESTCHESTER PROTECTIVE GEAR

Size	Unit	Stock #	PRICE
S	BX	192-7124	$11.43
M	BX	192-7125	$11.43
L	BX	192-7126	$11.43
XL	BX	192-7127	$11.43
2XL	BX	192-7222	$12.77

See next page for ; love 8ispensers...

Call Customer Service at 800-826-8302

LATEX GLOVES

AccuTech® 91-225 Sterile Latex Gloves

Individually wrapped by the pair, these powder-free disposable latex gloves are perfect for laboratory, swabbing, and testing procedures in all food plants. Made of a specific formulation of the latex that provides increased flexibility and elasticity. The optimized thickness of the latex, combined with the bisque finish, provides outstanding fingertip sensitivity plus increased handling precision and dexterity. This makes these gloves ideal for intricate handling operations. FDA accepted materials. 200 pair/case.

Size	Unit	Stock #	PRICE
6	CA	193-2241	$217.19
6.5	CA	193-2242	$217.19
7	CA	193-2243	$217.19
7.5	CA	193-2244	$217.19
8	CA	193-2245	$217.19
8.5	CA	193-2246	$217.19
9	CA	193-2247	$217.19

Ansell

GLOVE BOX DISPENSERS

Nelson-Jameson Single Glove Box Dispenser

Keep your disposable gloves at your fingertips. Our glove dispensers provide convenient access and free up valuable counter space. Increase employee compliance by mounting glove boxes at all work stations. Two-way keyholes for vertical or horizontal wall mounting. Constructed of sturdy 20-gauge stainless steel. Front load spring holds a box of gloves firmly in place.

Size	Unit	Stock #	PRICE
5.60"W x 9.96"H x 3.80"D	EA	081-2005	$41.45
6.50"W x 9.96"H x 3.80"D	EA	081-2007	$53.08

Single Glove Box Dispenser

Ideal for use in the food processing and industrial markets. Constructed from heavy-duty type, 304 stainless steel with an electroloshed finish to enhance corrosion resistance and create a smooth surface. Completely seamless and easy to clean.

Size	Unit	Stock #	PRICE
5.5"W x 10.75"H x 3.38"D	EA	081-2011	$58.28

Nelson-Jameson Double Glove Box Dispenser

Double box dispenser makes it easy to offer 2 sizes, colors, or styles side-by-side. 22-gauge white powder coated steel. Holds 2 boxes horizontally or vertically in all processing areas of your food plants. Two-way keyholes for vertical and horizontal wall mounting. White.

Size	Unit	Stock #	PRICE
11"W x 10"H x 3-3/4"D.	EA	081-2030	$37.48

Double Glove Box Dispenser

Constructed from heavy-duty type, 304 stainless steel with an electroloshed finish to enhance corrosion resistance and create a smooth surface makes this dispenser ideal for food processing and industrial markets. Completely seamless and easy to clean.

Size	Unit	Stock #	PRICE
10"W x 11.625"H x 3.38"D	EA	081-2012	$72.85

Triple Glove Box Dispenser

304 stainless steel heavy-duty construction makes this dispenser ideal for food processing and industrial markets. Electroloshed finish to enhance corrosion resistance and create a smooth surface. Completely seamless and easy to clean.

Size	Unit	Stock #	PRICE
5.5"W x 10.75"H x 3.38"D	EA	081-2013	$81.96

Front Dispensing Wire Rack for Glove Boxes

Space-saving model holds 1 or 2 boxes of disposable gloves flat against the wall to save space. Front-dispensing. White epoxy coated steel wire for years of use.

RACK'EM™

Size	Unit	Stock #	PRICE
4.25"H X 11.25"W X 4"D	EA	081-2032	$20.79

Prices subject to change.

GLOVE BOX DISPENSERS

Top Dispensing Wire Rack for Glove Boxes

RACK'EM™

Pull gloves up from the top, not out to the front, to dispense. No gloves fall wasted onto the floor. Heavy-duty steel wire construction is powder-coated to look great and resist rust in moist food processing areas. Wall mount. Choice of dispensers holds up to 4 boxes of gloves.

Rack Holds	Size	Unit	Stock #	PRICE
1 Box	4½"H x 11½"W x 5½"D	EA	081-2035	$25.44
2 Boxes	9¼"H x 14"W x 7"D	EA	081-2036	$42.58
3 Boxes	16½"H x 14"W x 7"D	EA	081-2037	$51.51
4 Boxes	24½"H x 14"W x 7"D	EA	081-2038	$64.52

POLYETHYLENE GLOVES

Ambi-dex® Polyethylene Disposable Gloves

Disposable polyethylene gloves provide the most economical liquid proof protection for limited use. 1-mil thick, food grade, silky finish grip gloves ensure effortless outer glove donning ability. Made from component materials which comply with FDA regulations for food contact, 21 CFR, 170-199. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
65-553 Wrist-Length			
M	BX	488-2120	$3.23
L	BX	488-2121	$3.23
65-545 Elbow-Length			
L	BX	192-7065	$4.26

Shoulder-Length Polyethylene Disposable Gloves

Full-length arm protection from a disposable glove. Used in food handling, plant clean-up, laboratory and veterinary applications. Soft, pliable, clear 1-mil polyethylene glove is embossed for good grip. 35" L. Size large only. FDA accepted materials. 100 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
L	BX	488-2170	$8.27

CHEMICAL RESISTANT GLOVES

Microflex® 93-260 Chemical Resistant Gloves

Tough chemical protection in the thinnest chemical resistant disposable glove. Made with an innovative nitrile and neoprene composite material, the Microflex® 93-260 measures only 7.8-mil thick and delivers all the benefits of a single-use, splash resistant glove: exceptional comfort, fit, dexterity, and grip. The glove's unique, triple-layer construction features a soft interior specifically designed to enable easy donning and doffing. Its flexible middle layer delivers

MICROFLEX®

maximum protection against acids and bases, while the durable exterior delivers maximum protection against organic solvents. Because the glove's tough exterior stands up longer to demanding physical and chemical conditions workers may change gloves less frequently resulting in enhanced productivity. This powder free glove features a green exterior with a blue interior, textured fingers, and an extended cuff to provide additional protection for the wrist and forearm. 50 gloves/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
XS	BX	192-2631	$14.58
S	BX	192-2632	$14.58
M	BX	192-2633	$14.58
L	BX	192-2634	$14.58
XL	BX	192-2635	$14.58
XXL	BX	192-2636	$14.58

More Chemical Resistant Gloves on the next page...

Call Customer Service at 800-826-8302

CHEMICAL RESISTANT GLOVES

VersaTouch® Latex Gloves

Excellent dexterity, tensile strength and elasticity. 20-mil thickness provides good chemical, snag, puncture and abrasion resistance. Choose from a pebble or fishscale grip for excellent grip on wet or dry surfaces. 12″ long, unlined, natural color. Pinked cuff. These Canners and Handlers gloves comply with FDA food handling requirements (21 CRF177.2600). 12 pair/dozen.

Size	Unit	Stock #	PRICE
88-392 Pebble Grip			
7	DZ	011-2107	$11.01
8	DZ	011-2108	$11.01
9	DZ	011-2109	$11.01
10	DZ	011-2110	$11.01
11	DZ	011-2111	$11.01
88-394 Fishscale Grip			
7	DZ	011-2407	$10.27
8	DZ	011-2408	$10.27
9	DZ	011-2409	$10.27
10	DZ	011-2410	$10.27

VersaTouch® 88-356 Latex Gloves

Patterned grip and conspicuous blue color that is preferred by the poultry and food processing industry. The 17-mil thick material offers excellent dexterity and good chemical, snag, puncture, abrasion, and cut resistance. All natural blue gloves comply with FDA food handling requirements (21 CFR 177.2600). 12″ length. 12 pair/dozen.

Size	Unit	Stock #	PRICE
7	DZ	193-2559	$9.73
8	DZ	193-2560	$9.73
9	DZ	193-7017	$9.73
10	DZ	193-2562	$9.73

VersaTouch® Flock-Lined Latex Gloves

Strength, sensitivity, moderate chemical protection, and grip come together in this 20-mil latex glove. 100% cotton lining helps maintain excellent sensitivity. Offers excellent abrasion, puncture, tear, and chemical resistance. 12″ length with pinked cuff and fishscale grip for excellent wet or dry handling. 87-255 complies with FDA food handling requirements. 12 pair/dozen.

Size	Unit	Stock #	PRICE
87-255 Sky Blue			
7	DZ	011-2307	$13.94
8	DZ	011-2308	$13.94
9	DZ	011-2309	$13.94
10	DZ	011-2310	$13.94
87-298 Lemon Yellow			
8	DZ	011-2329	$13.94
9	DZ	011-2329	$13.94
10	DZ	011-2330	$13.94

The Safety Zone® Amber Unlined Latex Gloves

An unlined amber natural latex glove for a variety of uses around your facility. Heavy, 18-mil thickness and 12″ length with a recessed diamond grip. FDA accepted materials. Packed one pair per bag.
12 pair/dozen; 10 dozen/case.

Size	Unit	Stock #	PRICE
7	DZ	364-2707	$9.87
8	DZ	364-2708	$9.87
9	DZ	364-2709	$9.87
10	DZ	364-2710	$9.87

Hy-Care® 62-400 Fully Coated Latex Gloves

Soft-knit cotton liner helps keep hands and fingers comfortable in hot or cold environments. Fully coated natural rubber latex glove offers great flexibility and durability. Crinkle finish for excellent grip in wet applications. Gloves stay flexible in cold temperatures (down to as low as -25°F, depending on contact time and conditions). Hy-Care gloves comply with FDA food handling requirements (21 CRF 177.2600). 12″ long. Blue. 12 pair/dozen.

Size	Unit	Stock #	PRICE
8	DZ	193-2060	$26.33
9	DZ	193-2061	$26.33
10	DZ	193-2062	$26.33
11	DZ	193-2063	$26.33

Prices subject to change.

POTSCRUBBERS Gloves

Heavy-duty black unlined latex gloves with a raised diamond texture for excellent wet grip. Heat tolerance for serious work. A broad chemical resistance makes them great for cleanup applications in the food processing plant. The rolled cuff keeps drips from soaking your arms. 16″ length. 40-mil thick. Meets requirements for food contact. 72 pair/case.

Size	Unit	Stock #	PRICE
L	PR	103-6320	$5.50
XL	PR	103-6325	$5.50

The Safety Zone® Black Neoprene Latex Blend Gloves

Black 28-mil Neoprene and latex blend chemical resistant gloves are perfect for heavy-duty cleanup and other jobs around the food plant. Heavy-duty, flock-lined gloves have a fishscale grip and pinked cuff. 12″long. Meets requirements for food contact. Packed one pair per bag. 12 pair/dozen; 10 dozen/case.

Size	Unit	Stock #	PRICE
L	DZ	103-6314	$17.07
XL	DZ	103-6315	$17.07

558 Natural Rubber Gloves

A heavy-duty liquid-proof chemical resistant glove that is ideal for where acids are used. The two-colored natural rubber construction gives added safety and wear indication. This 40-mil unlined glove measures 18″ long, providing wearer with both hand and arm protection. Black/Red. 12 pair/dozen; 3 dozen/case.

Size	Unit	Stock #	PRICE
9/L	DZ	192-1019	$93.37
10/XL	DZ	192-1020	$93.37
11/2XL	DZ	192-1021	$93.37

707 Chemical Resistant Nitrile Glove

Blending the best of disposable and chemical resistant technology, SHOWA 707 is the perfect hybrid for jobs requiring chemical performance plus optimum fit, feel, and comfort. Protects hands from oils, hydrocarbons, grease, and abrasion, with effective long-lasting grip. This thin, light glove offers a second skin feel and a non-powdered, "slip-on" treatment. Impermeable for work in damp or greasy environments. Features a 12″ length, 9-mil thickness, rolled cuff, and an embossed finish with tractor-tread pattern. Blue. 25 pair/bag; 6 bags/case.

Size	Unit	Stock #	PRICE
6/XS	BG	192-2886	$20.86
7/S	BG	192-2887	$20.86
8/M	BG	192-2888	$20.86
9/L	BG	192-2889	$20.86
10/XL	BG	192-2890	$20.86
11/XXL	BG	192-2891	$20.86

Chemi-Pro® 87-224 Gloves

Unique dipping process combines neoprene over natural rubber latex for increased protection against a wide range of chemicals. 13″ long and 27-mil thick for extra ruggedness, durability and protection against physical hazards. The diamond embossed pattern provides added grip on wet or dry surfaces. Cotton flock lining absorbs perspiration and increases worker comfort. Blue neoprene over yellow natural rubber latex. 12 pair/dozen; 12 dozen/case.

Size	Unit	Stock #	PRICE
8	DZ	193-7028	$22.57
9	DZ	193-2049	$22.57
10	DZ	193-2051	$22.57

Sol-Knit® 39-122 Supported Nitrile Gloves

Provide heavy-duty mechanical and chemical protection for a wide variety of work environments. This very tough glove offers optimum comfort of use thanks to its natural shape that makes it well suited for use with long-lasting tasks. Rough finish grip provides superior dexterity and high levels of wet and dry grip. 12″ length with gauntlet cuff. Complies with FDA regulations for food contact (21 CFR 177.2600). 12 pair/dozen; 6 dozen/case.

Size	Unit	Stock #	PRICE
7	DZ	193-2237	$65.34
8	DZ	193-2238	$65.34
9	DZ	193-2239	$65.34
10	DZ	193-2240	$65.34

Call Customer Service at 800-826-8302

CHEMICAL RESISTANT GLOVES

SaniWear™ Nitrile Gloves

These 100% nitrile gloves provide chemical resistance against a broad range of solvents, oils, animal fats and other chemicals, in addition to protecting against abrasion, puncture, and snags. Ergonomic design maximizes comfort and bisque finish grip makes wet work easier and safer. Unsupported and unlined. Green. Made of FDA accepted materials.

Size	Pkg	Unit	Stock #	PRICE
13" long, 11-mil thick, 12 doz/case				
8	12 pr/dz	DZ	364-2935	$11.59
9	12 pr/dz	DZ	364-2940	$11.59
10	12 pr/dz	DZ	364-2945	$11.59
11	12 pr/dz	DZ	364-2950	$11.59
19" long, 22-mil thick, 36 pair/case				
8		PR	364-2900	$5.21
9		PR	364-2905	$5.21
10		PR	364-2910	$5.21
11		PR	364-2915	$5.21

Sol-Vex® Nitrile Gloves

Sol-Vex gloves are made of a high-performance nitrile compound which provides an outstanding combination of strength and chemical resistance. A superior choice over neoprene and rubber when exposed to aromatic and petroleum solvents, caustics, and animal fats commonly found in food plants. Embossed grip makes wet handling safe and easy. Offers good protection against snags, punctures, abrasions, and cuts. Straight cuff. Green. All Sol-Vex gloves comply with FDA food handling requirements (21 CFR 177.2600). Select a style to meet your needs.

Size	Pkg	Unit	Stock #	PRICE
37-145 Sol-Vex, unlined, 13" length, 11-mil, 12 doz/cs				
8	12 pr/dz	DZ	193-2338	$16.33
9	12 pr/dz	DZ	193-2339	$16.33
10	12 pr/dz	DZ	193-2340	$16.33
11	12 pr/dz	DZ	193-2341	$16.33
37-175 Sol-Vex, flock lined, 13" length, 15-mil, 12 doz/cs				
7	12 pr/dz	DZ	193-2377	$17.98
8	12 pr/dz	DZ	193-2378	$17.98
9	12 pr/dz	DZ	193-2379	$17.98
10	12 pr/dz	DZ	193-2380	$17.98
11	12 pr/dz	DZ	193-2381	$17.98
37-165 Sol-Vex, unlined, 15" length, 22-mil, 72 pr/cs				
9		PR	193-2509	$5.32
10		PR	193-2510	$5.32
11		PR	193-2511	$5.32
37-185 Sol-Vex, unlined, 18" length, 22-mil, 12 pr/cs				
7		PR	193-2395	$8.29
8		PR	193-2400	$8.29
9		PR	193-2405	$8.29
10		PR	193-2410	$8.29
11		PR	193-2415	$8.29

West Chester 52N101 Nitrile Gloves

Premium Posigrip nitrile gloves protect against abrasion, cuts, and a range of solvents, fats, and chemicals. Unlined gloves feature a 13" length and a 15-mil thickness. Green. 12 pair/dozen; 12 dozen/case.

Size	Unit	Stock #	PRICE
8	DZ	112-2308	$18.54
9	DZ	112-2309	$18.54
10	DZ	112-2310	$18.54
11	DZ	112-2311	$18.54

728 Biodegradable Chemical Resistant Gloves

Created with premium-grade nitrile and the revolutionary Eco Best Technology® (EBT), SHOWA 728 brings you the pinnacle of tactile precision and high-capacity protection against solvents and acids. Features a 13" length, unlined liner, 15-mil thickness, and a bisque finish grip that makes wet work easier and safer. Green. 12 pair/dozen; 12 dozen/case.

Size	Unit	Stock #	PRICE
6/XS	DZ	192-3036	$17.43
7/S	DZ	192-3037	$17.43
8/M	DZ	192-3038	$17.43
9/L	DZ	192-3039	$17.43
10/XL	DZ	192-3040	$17.43
11/XXL	DZ	192-3041	$17.43

BO700 PVC Chemical Resistant Gloves

Ideal for specialized industries where cleanliness is a priority, SHOWA BO700's flexible PVC coating provides chemical resistance and excellent gripping action. This ultra-thin, light glove gives a "second skin" feel, while offering extended protection on the forearm with its 12" length. Easy to put on and remove as it is lint-free, dust-free, and has a non-powdered "slip-on" treatment. Designed for easy movement and extended wear, this 12-mil thick glove is impermeable for working in damp or greasy environments, and the raised finish enables a secure grip on slippery objects. White. 10 pair/pack; 24 packs/case.

Size	Unit	Stock #	PRICE
7/S	PK	192-2295	$12.79
8/M	PK	192-2296	$12.79
9/L	PK	192-2297	$12.79
10/XL	PK	192-2298	$12.79

Prices subject to change.

NM11 Chemical Resistant Nitrile Gloves

Crafted using special ergonomically designed forms to reduce fatigue and enhance comfort, SHOWA NM11 is 11-mil thick, 13″ long and creates a barrier between you and a range of chemicals. The embossed finish gives you a vice-like grip in wet and dry situations, while the ergonomic design helps to reduce fatigue and enhance comfort. This nitrile glove provides strength and durability, and helps channel away hazardous chemicals from the surface of the glove. Light Green. 12 pair/bag; 12 bags/case.

Size	Unit	Stock #	PRICE
7/S	CA	192-2967	$203.00
8/M	CA	192-2968	$203.00
9/L	CA	192-2969	$203.00
10/XL	CA	192-2970	$203.00
11/2XL	CA	192-2971	$203.00

Nitri-Knit™ Supported Nitrile Gloves

High performance, supported nitrile gloves offer superior resistance to cuts, snags, abrasions and punctures. Nitrile has a high resistance to solvents caustics and animal fats. Interlock knit liner is soft and comfortable. 12″ length. Blue. Complies with USDA and FDA regulations, 21 CFR, for use in food processing. 12 pair/dozen.

Size	Unit	Stock #	PRICE
7	DZ	523-2722	$66.05
8	DZ	523-2723	$66.04
9	DZ	523-2724	$66.05
10	DZ	523-2725	$66.05
11	DZ	523-2726	$66.05

NSK24 Chemical Resistant Nitrile Gloves

Providing excellent protection from a wide array of solvents, oils, and acids, SHOWA NSK24 is a super flexible, watertight, knit-lined nitrile glove. The cotton/polyester liner absorbs perspiration and adds comfort, while the rough textured finish ensures an excellent grip. These gloves feature a 14″ length to protect the hand and arm, provide comfort and touch sensitivity, and offer excellent abrasion resistance. Royal Blue. 12 pair/dozen; 6 dozen/case.

Size	Unit	Stock #	PRICE
8/S	DZ	192-1008	$59.96
9/M	DZ	192-1009	$59.96
10/L	DZ	192-1010	$59.96
11/XL	DZ	192-1011	$59.96

Nitri-Knit™ Chemical Resistant Nitrile Gloves

Features a 26″ length providing users chemical resistance up to the shoulder. The interlock liner is soft and comfortable, while the supported nitrile offers superior resistance to cuts, snags, abrasions and punctures. Complies with USDA and FDA regulation, 21 CFR, for use in food processing. Blue. 72 pair/case.

Size	Unit	Stock #	PRICE
7	PR	523-2730	$16.78
8	PR	523-2731	$16.78
9	PR	523-2732	$16.78
10	PR	523-2733	$16.78
11	PR	523-2734	$16.78

NSK26 Nitrile Glove with Sleeve

Features a double nitrile coating that provides excellent abrasion resistance, and protection from a wide array of solvents, oils, and acids. The cotton/polyester liner absorbs perspiration and adds comfort, while the rough textured finish delivers an excellent grip. 26″ length ensures upper arm protection with an extended gauntlet with an elastic top. Blue. 72 pair/case.

Size	Unit	Stock #	PRICE
8/S	PR	192-3008	$12.07
9/M	PR	192-3009	$12.07
10/L	PR	192-3010	$12.07
11/XL	PR	192-3011	$12.07

Atlas® 772 Chemical Resistant Nitrile Gloves

Offering full-arm chemical protection, SHOWA 772 is crafted with a rough grip and cotton liner for maximum splash protection and comfort. Protects hands from oils, hydrocarbons, grease and abrasion, with an effective long lasting rough grip. This 26″ long glove features a cotton interlock liner, great dexterity, and good resistance to tearing. Impermeable for working in damp or greasy environments. Yellow. 12 pair/dozen; 6 dozen/case.

Size	Unit	Stock #	PRICE
7/S	DZ	192-2207	$147.33
8/M	DZ	192-2208	$147.33
9/L	DZ	192-2209	$147.33
10/XL	DZ	192-3210	$147.33

Call Customer Service at 800-826-8302

CHEMICAL RESISTANT GLOVES

Scorpio® 08-352 Neoprene Coated Gloves

With an interlock knit lining, super-flexible neoprene coating and snug fit, the Scorpio provides dexterity and tactile sensitivity that rivals unsupported gloves. 100% liquid proof. Neoprene resists a wide range of chemicals including oils, acids, solvents, and caustics. Dipped, rough finish provides excellent wet grip. 12" long. Fully coated gauntlet cuff. Green.
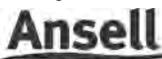
Size	Unit	Stock #	PRICE
M	PR	193-2010	$5.18
L	PR	193-2015	$4.28
XL	PR	193-7008	$5.18

Atlas 720 Chemical Resistant Nitrile Gloves

With a seamless cotton liner that wicks away moisture, the Atlas 720 provides comfort while protecting from abrasion and a wide range of chemicals. This 12" long glove features an extended gauntlet for upper arm protection, a rough grip, and a dipped nitrile coating. Blue. 12 pair/dozen; 12 dozen/case.

Size	Unit	Stock #	PRICE
7/S	DZ	192-2940	$57.82
8/M	DZ	192-2941	$57.82
9/L	DZ	192-2942	$57.82
10/XL	DZ	192-2943	$57.82
11/2XL	DZ	192-2944	$57.82

Atlas® KV660 Cut & Chemical Resistant Gloves

Offers the unique ability to protect from two very different hazards. These chemical and cut resistant gloves feature a finely knit Kevlar liner coupled with a durable heavyweight PVC coating to provide gloves that are strong, yet extremely soft and flexible. The tough combination provides gloves that wear extremely long, and are very cut and puncture resistant, while the rough textured coating ensures grip and increases the gloves abrasion resistance and durability. These ANSI Cut Level 3 gloves are also oil resistant. Launderable. Blue. 12 pair/dozen; 6 dozen/case.

Size	Unit	Stock #	PRICE
8/M	DZ	192-3042	$107.16
9/L	DZ	192-3043	$107.16
10/XL	DZ	192-3044	$107.16
11/XXL	DZ	192-3045	$107.16

Scorpio® 19-938 Neoprene Coated Gloves

Elbow-length, heavyweight gloves provide superior protection from snags and punctures. Neoprene-dipped rough finish for excellent wet grip and chemical resistance to caustics acids, oils, and many solvents used in the food industry. Fleece/Jersey lining for worker comfort. Fully coated 18" gauntlet. Black. 36 pair/case.

Size	Unit	Stock #	PRICE
10	PR	193-2025	$14.53

Scorpio® Neoprene Coated Gloves

Offers good resistance to all mechanical hazards, and the top quality neoprene coating protects against a wide range of oils, acids, caustics, alcohols, and many solvents. This comfortable glove is anatomical and follows the contours of the hand at rest - improving dexterity and reducing hand fatigue. Features a gauntlet or shoulder-length cuff and a smooth finish grip. Choose from an 18" or 31" length based on application. Black.

Model	Size	Length	Unit	Stock #	PRICE
9-928	10	18"	PR	193-2021	$13.91
9-430	10	31"	PR	193-2017	$45.59

6731 Chemical Resistant Neoprene Glove

Designed for demanding applications involving chemicals and caustics, the SHOWA 6731 provides extended protection with a 31" long ergo-dynamic, liquid-proof sleeve. Features a smooth grip, an ergonomic design that contours to the arm and shoulder joint, and a grommet for securely attaching to sleeves, aprons or other PPE. Black.

Size	Unit	Stock #	PRICE
10/L	PR	192-2982	$50.68

Glove Drying Rack can be found on the next page.""

Prices subject to change.

CHEMICAL RESISTANT GLOVES

Scorpio® Neoprene Coated Gloves

Combine the flexibility and chemical resistance of neoprene with the comfort and heat resistance of a soft thermal liner. Designed to protect the users in applications where thermal and chemical risks are present. Excellent mechanical and chemical properties, these gloves are unaffected by detergents and cleaning solutions and provide protection against greases and oils. Gloves provide protection from intermittent contact with hot surfaces up to 400°F. Black. Compliant with FDA food handling regulation 21 CFR 177.2600.

Ansell

Size	Unit	Stock #	PRICE
19-024 18" Length			
8	PR	193-2022	$23.24
10	PR	193-2023	$23.24
19-026 26" Length			
8	PR	193-7013	$27.37
10	PR	193-7012	$27.37

Scorpio® Neoprene Coated Insulated Gloves

Features a special Hi-Lo insulated gauntlet option with quilted cotton liner for use in both hot and cold temperatures. Permits intermittent handling in hot liquids up to 180°C/356°F and handling in cold temperatures down to -25°C/-13°F. Provides good resistance to all mechanical hazards, and the top quality neoprene coating protects against a wide range of oils, acids, caustics, alcohols, and many solvents. This comfortable glove is anatomical and follows the contours of the hand at rest, improving dexterity and reducing hand fatigue. 12" length with a gauntlet cuff and a smooth finish grip. Black.

Ansell

Model	Size	Unit	Stock #	PRICE
9-022	10	PR	193-2019	$18.58

Neoprene® 29-865 Gloves

Case-hardened to increase chemical and abrasion resistance. 13" long, 18-mil gloves provide excellent resistance to a wide range of chemicals found in food processing, including oils, acids, caustics and solvents. Cotton flock lined for comfort. Treated with Sanitised® Actifresh® to reduce bacterial buildup. Black with sandpatch grip. Complies with FDA food handling requirements (21 CFR 177.2600). 12 dozen/case.

Ansell

Size	Unit	Stock #	PRICE
7	CA	193-7034	$592.49
8	CA	193-7035	$592.49
9	CA	193-7036	$592.49
10	CA	193-7037	$592.49

Glove Drying Rack

Avoid replacing expensive maintenance and food processing gloves. This well-designed rack helps gloves dry quicker and hold their shape to prevent cracking and bending. Holds 4 pair. Green PVC-coated for chemical exposure. Wall mount. Screws included, mounts 16" on center.

Size	Unit	Stock #	PRICE
14"H x 22"W x 5.25"D	EA	081-2110	$33.54

Call Customer Service at 800-826-8302

GENERAL PURPOSE GLOVES

Cotton Canvas Gloves

Long-wearing, natural cotton canvas gloves. Knit wrist keeps debris out. Inexpensive gloves for warehouse, food plant, cooler, or farm work. Clute cut. Men's size. 12 pair/dozen.

Description	Unit	Stock #	PRICE
8-oz Regular-duty	DZ	103-6025	$9.06
12-oz Heavy-duty	DZ	103-6030	$9.79

White Cotton Polyester Canvas Dotted Palm Gloves

Cotton polyester white canvas gloves with heavy black PVC dots on palms and fingers for better grip. Makes box handling and maintenance duties a breeze. Knit wrist. Clute cut. Men's size. 12 pair/dozen.

Description	Unit	Stock #	PRICE
8-oz	DZ	103-2512	$8.68

The Safety Zone® Golden Fleece Chore Glove

The standard farm and maintenance gloves. Warm and long-wearing. Napped cotton flannel with knit wrist. Heavy-duty for many industrial uses, 18-oz golden fleece material. Clute cut. One size fits all. 12 pair/dozen.

Unit	Stock #	PRICE
DZ	103-6003	$20.40

Brown Jersey Gloves

Popular with the warehouse, these all-purpose gloves protect hands from cuts, cold, and abrasions. Choose from 2 styles. Soft, 9-oz brown jersey stretches to conform to worker's hand. Clute cut. Comfortable knit wrist keeps debris out of glove and away from hands. For added warmth, protection and durability, choose the 14-oz red-lined brown jersey. Gun cut. Slip-on style for easier on and off. Ideal for materials handling or maintenance workers. Men's size. 12 pair/dozen.

Description	Unit	Stock #	PRICE
9-oz Knit wrist	DZ	103-6070	$8.71
14-oz Red-lined	DZ	103-6080	$15.95

KSR® 22-515 Gloves

Light, flexible and comfortable; ideal for long-wearing light duty work. KSR gloves feature a textured vinyl coating that provides superior grip for handling small and difficult objects. Interlock cotton lining stretches for a snug, sensitive fit. Machine washable and won't shrink or stiffen. 10″ long. Tan. 12 pair/dozen.

Ansell

Size	Unit	Stock #	PRICE
8	DZ	193-2046	$30.83
9	DZ	193-2047	$30.83
10	DZ	193-2048	$30.83

White Light Weight Inspection Gloves

Use these lightweight 100% cotton lisle gloves for product protection during inspection or other general applications. Food processing employees wear these as liners to insulate hands or absorb perspiration under other gloves. Ambidextrous. White. 12 pair/dozen.

Size	Unit	Stock #	PRICE
Men's	DZ	103-6275	$2.08
Women's	DZ	103-6277	$1.93

White Cotton Lisle Inspection Gloves

Use these lightweight 100% cotton lisle gloves for product protection during inspection or other general applications. Food processing employees wear these as liners to insulate hands or absorb perspiration under other gloves. Ambidextrous. White. 12 pair/dozen.

Size	Unit	Stock #	PRICE
Men's 14″	DZ	103-6280	$9.63
Men's 12″	DZ	103-6281	$4.95

Prices subject to change.

String Knit Liner Gloves

Worn beneath other gloves, these quality knit liner gloves provide extra protection from heat or cold at an amazingly economical price. Great for meat cutting, frozen food handling, hot or cold wash tanks, or clean up crew. Launderable. Cotton/polyester blend. Gloves fit either hand. Knit wrist. Men's or women's size. USDA accepted materials. 12 pair/dozen.

Description	Unit	Stock #	PRICE
Men's			
Heavy-duty, bleached white	DZ	103-6250	$6.33
Standard, natural	DZ	103-6255	$4.40
Lightweight, natural	CA	103-7011	$108.29
Women's			
Heavy-duty, bleached white	DZ	103-7250	$6.33
Lightwieght, natural	CA	103-7012	$105.84

Fingerless String Knit Gloves

Comfortable gloves for multiple uses where dexterity is needed. Can be worn alone or under other gloves as a liner to absorb perspiration or provide warmth. Ambidextrous gloves are ideal for all food processing applications. USDA accepted. 12 pair/dozen.

Size	Unit	Stock #	PRICE
Men's	DZ	103-2500	$5.70
Women's	DZ	103-2510	$5.70

PVC-Coated String Knit Gloves

Polyester string knit gloves coated with an orange PVC crisscross grip pattern on both sides. These gloves provide superior grip, perfect for shipping and warehouse personnel who handle boxes. Ambidextrous. Orange. 12 pair/dozen.

Size	Unit	Stock #	PRICE
S	DZ	103-6301	$14.08
M	DZ	103-6303	$14.08
L	DZ	103-6305	$14.08
XL	DZ	103-6306	$14.08

PVC-Dotted String Knit Gloves

Excellent warmth and dexterity make these medium weight blended gloves perfect for a wide range of uses. Choose gloves with black PVC dots on 1 or 2 sides, which offer great grip for packaging, shipping, and many other applications. Meets USDA standards for food handling. 12 pair/dozen.

Dots	Unit	Stock #	PRICE
Women's			
1-sided	DZ	103-6260	$4.97
2-sided	DZ	103-6268	$6.90
Men's			
1-sided	DZ	103-6265	$4.97
2-sided	DZ	103-6267	$6.90

Grip N® General Purpose Glove

PVC N-Tread on both sides of glove provides outstanding flexibility, dexterity, grip, and abrasion resistance. Features a seamless poly/cotton knit liner. Ambidextrous design can be worn on either hand. Men's and women's universal sizes available. Complies with USDA and FDA regulations, 21 CFR, for use in food processing. 12 dozen/case.

Honeywell
NORTH

Size	Unit	Stock #	PRICE
Men's	DZ	523-2760	$18.58
Women's	DZ	523-2765	$18.58

North Flex Duro Task™ Gloves

The unique textured rubber palm coating provides a sure grip on oily, wet, or dry objects. Coating covers the fingertips and thumb crotch to minimize wear. The seamless cotton/polyester liner is cool and comfortable. Blue rubber on gray knit liner. 12 pair/dozen.

Honeywell
NORTH

Size	Unit	Stock #	PRICE
7	DZ	523-2739	$27.73
8	DZ	523-2740	$27.73
9	DZ	523-2741	$27.73
10	DZ	523-2742	$27.73

Call Customer Service at 800-826-8302

GENERAL PURPOSE GLOVES

4500 Nitri-Flex® Lite General Purpose Gloves

Nitri-Flex Lite takes the Nitri-Flex product line to new heights in tactile dexterity and comfort. Employing the same flat dipped technology, Nitri-Flex Lite utilizes a super breathable nylon shell. Ideal for jobs requiring the utmost in tactile discrimination as well as those demanding puncture and abrasion protection. Because its palm dipped in nitrile, this glove delivers a lower electrostatic discharge than comparable natural rubber coated gloves. Green. 12 pair/dozen; 6 dozen/case.

Size	Unit	Stock #	PRICE
6/XS	DZ	192-3026	$45.42
7/S	DZ	192-3027	$45.42
8/M	DZ	192-3028	$45.42
9/L	DZ	192-3029	$45.42
10/XL	DZ	192-3030	$45.42

4550 General Purpose Gloves

Crafted with our high-performance, chemical-resistant Zorb-IT® Technology, SHOWA 4550 absorbs oil and grease while still delivering a maximum long-lasting grip. 15-gauge, seamless white liner with gray coating. Launderable - stands up to repeated washings with no shrinkage. 12 pair/dozen.

Size	Unit	Stock #	PRICE
6/XS	DZ	192-2336	$46.04
7/S	DZ	192-2337	$46.04
8/M	DZ	192-2338	$46.04
9/L	DZ	192-2339	$46.04
10/XL	DZ	192-2340	$46.04

4552 Biodegradable Nitrile General Purpose Gloves

An industry-leader in general purpose hand protection, SHOWA 4552 provides superior defense against oils, hydrocarbons, grease and abrasion, with optimal long-lasting grip. Engineered with Eco Best Technology®, this planet friendly milestone in glove innovation is ideal for multi-use applications across a range of industries. The ergonomically designed hand former replicates the natural shape of the human hand, thus reduces hand fatigue and enhances fit and comfort. This biodegradable nitrile glove features a sponge grip, a 5-gauge seamless knit liner, great dexterity, and good resistance to abrasion. Green. 12 pair/dozen; 6 dozen/case.

Size	Unit	Stock #	PRICE
6/XS	DZ	192-3016	$42.27
7/S	DZ	192-3017	$42.27
8/M	DZ	192-3018	$42.27
9/L	DZ	192-3019	$42.27
10/XL	DZ	192-3020	$42.27

Ergodyne ProFlex® 710 Full Finger Trades Gloves

Superb dexterity, function, and protection for the skilled professional. Gloves feature a premium EVA foam palm pad that dampens shock and impact. Abrasion-resistant, reinforced palm and fingers with flex zones for added comfort. 3-layer stretch spandex with neoprene knuckle pad. Low-profile hook and loop closure with pull-on tab ensures the right fit. Black.

Size	Unit	Stock #	PRICE
M	PR	192-7605	$31.08
L	PR	192-7610	$31.08
XL	PR	192-7615	$31.08

Grip N® Kevlar® Gloves

These seamless knit Kevlar gloves feature a cut resistant fiber outer and cotton/poly inner coated with N Tread on both sides of the glove to improve grip and abrasion resistance. Ambidextrous. Available in men's or women's universal size. 12 pair/dozen.

Size	Unit	Stock #	PRICE
Men's	DZ	523-2780	$47.40
Women's	DZ	523-2785	$47.40

Prices subject to change.

GENERAL PURPOSE GLOVES

NorthFlex Red™ - NF11 General Purpose Gloves

Lightweight, 15-gauge red nylon glove with black foam PVC coating on palm and fingertips. No coating on back of hand for added ventilation.

Size	Unit	Stock #	PRICE
5/XXS	DZ	523-2905	$40.87
6/XS	DZ	523-2906	$40.87
7/S	DZ	523-2907	$40.87
8/M	DZ	523-2908	$40.87
9/L	DZ	523-2909	$40.87
10/XL	DZ	523-2910	$40.87
11/XXL	DZ	523-2911	$40.87

Honeywell

CUT RESISTANT GLOVES

NorthFlex Light Task Plus II™ Gloves

ANSI Cut Level 1 gloves are very lightweight and comfortable, providing superior levels of dexterity and tactility, as well as good cut and abrasion resistance. White polyurethane palm coating on a white Dyneema® knit glove. Latex-free. Comply with USDA and FDA regulations, 21 CFR, for use in food processing. 72 pair/case.

Honeywell
NORTH

Size	Unit	Stock #	PRICE
8/M	PR	523-2744	$10.94
9/L	PR	523-2745	$10.94
10/XL	PR	523-2746	$10.94
11/XXL	PR	523-2747	$10.94

NorthFlex™ Light Task Plus II Black™ Gloves

Tough and practical, this gray Dyneema® seamless liner is coated with black bi-polymer for cut and puncture resistance. Combining the best properties of nitrile and polyurethane, the coating is flexible and provides excellent grip. Uncoated back for ventilation. Launderable for extended use. ANSI Cut Level 2. 72 pair/case.

Honeywell
NORTH

Size	Unit	Stock #	PRICE
6/XS	PR	523-2786	$10.93
7/S	PR	523-2787	$10.94
8/M	PR	523-2788	$10.94
9/L	PR	523-2789	$10.94
10/XL	PR	523-2790	$10.94
11/XXL	PR	523-2791	$10.94

NorthFlex™ Light Task Plus 3™ Cut Resistant Gloves

ANSI Cut Level 1 glove features a gray Dyneema® seamless liner with a gray polyurethane palm. Complies with USDA and FDA regulations, 21 CFR, for use in food processing. 72 pair/case.

Honeywell
NORTH

Size	Unit	Stock #	PRICE
8/M	PR	523-2749	$13.02
9/L	PR	523-2750	$13.02
10/XL	PR	523-2751	$13.02
11/XXL	PR	523-2752	$13.02

Pure Fit™ PF541 Cut Resistant Gloves

Lightweight, black and white speckled HPPE and lycra fibers, with gray Polyurethane palm and fingertip coating. Pure Fit HPPE, low-linting fiber gloves are excellent protection for worker and product. This glove has high tensile strength that provides excellent cut and slash protection. Pure Fit liners and coatings are lightweight and comfortable, they offer the ultimate in dexterity and tactile sensitivity for the smallest precision work. ANSI Cut Level 2. 12 pair/dozen; 12 dozen/case.

Honeywell

Size	Unit	Stock #	PRICE
7/S	DZ	526-9614	$155.44
8/M	DZ	526-9615	$155.44
9/L	DZ	526-9616	$155.44
10/XL	DZ	526-9617	$155.44

Call Customer Service at 800-826-8302

CUT RESISTANT GLOVES

HyFlex® 11-518 Lightweight Cut Resistant Gloves

The first-to-market glove to provide ANSI Cut Level 2 in an 18-gauge style, these lightweight cut resistant gloves offer barehand-like dexterity for high tactility. Features soft, sheer Dyneema® Diamond Technology that breathes to keep hands cool and dry, while the polyurethane coated palm offers high abrasion resistance. Blue. 12 pair/dozen; 12 dozen/case.

Size	Unit	Stock #	PRICE
6	DZ	193-2076	$107.00
7	DZ	193-2077	$107.00
8	DZ	193-2078	$107.00
9	DZ	193-2079	$107.00
10	DZ	193-2080	$107.00
11	DZ	193-2081	$107.00

Neptune® 70-200 String Gloves

100% DuPont™ Kevlar® glove provides light-duty cut protection. Reversible design allows glove to be worn on either hand, reducing replacement cost. Yellow. ANSI Cut Level 2. 144 pair/case.

Size	Unit	Stock #	PRICE
6	PR	192-7108	$3.21
7	PR	192-7035	$3.21
8	PR	192-7212	$3.21
9	PR	192-7036	$3.21
10	PR	192-7037	$3.21

Golden Grab-it® II Gloves

Premium coating with crinkle finish delivers long service life as well as cut protection. Soft jersey-knit lining for superior comfort and flexibility. Rough finish for excellent wet or dry grip. Safety cuff. ANSI Cut Level 2. 72 pair/case. Complies with FDA regulation 21 CFR 177.2600 for food contact. Size 10 only.

Unit	Stock #	PRICE
PR	193-2024	$4.40

Workeasy® Gloves

Workeasy gloves feature a fiber blend that provides a high level of cut and abrasion protection. Workers appreciate the bare-handed feel of the lightweight knit shell for excellent dexterity and tactile sensitivity. This glove offers a high level of mechanical cut protection making it an excellent choice for applications where cut or slash hazards are a high risk. ANSI Cut Level 3. 144 pair/case.

Size	Unit	Stock #	PRICE
6/XS	PR	526-9600	$7.68
7/S	PR	526-9601	$7.68
8/M	PR	526-9602	$7.68
9/L	PR	526-9603	$7.68
10/XL	PR	526-9604	$7.68
11/XXL	PR	526-9605	$7.68

Atlas KV300 Cut Resistant Gloves

Outfitted with a durable natural rubber palm coating, SHOWA Atlas KV300 offers excellent wet and dry grip combined with high-performing cut resistance. The uncoated knuckles offer flexibility and dexterity, while the coated portion of the glove provides exceptional puncture resistance. Features a 10-gauge seamless liner made with Kevlar®, a rough grip, and low thermal conductivity and thermal shrinkage. ANSI Cut Level 3. Yellow/Blue. 12 pair/dozen; 12 dozen/case.

Size	Unit	Stock #	PRICE
7/S	DZ	192-2327	$112.21
8/M	DZ	192-2328	$112.21
9/L	DZ	192-2329	$112.21
10/XL	DZ	192-2330	$112.21
11/2XL	DZ	192-2331	$112.21

8115HV Cut Resistant Gloves

Using a 15-gauge seamless cut-resistant liner, SHOWA 8115HV provides a comfortable "stretch" feeling combined with an ANSI Cut Level 3 resistance. This glove is a bright color for high visibility, offers breathable comfort, and is engineered with HPPE fibers. Ambidextrous. Launderable. Fluorescent yellow. 12 each/case.

Size	Unit	Stock #	PRICE
6/XS	EA	192-2226	$10.26
7/S	EA	192-2227	$10.26
8/M	EA	192-2228	$10.26
9/L	EA	192-2229	$10.26
10/XL	EA	192-2230	$10.26

Prices subject to change.

SafeKnit® 72-025 Cut Resistant Glove Liners

Manufactured from Spectra® and other high-tech fibers, SafeKnit gloves offer cut resistance comparable to stainless steel, with superior comfort and flexibility necessary in the food industry. Can be repeatedly laundered, even in bleach, without compromising protective properties. These lightweight glove liners are one-strand, ambidextrous. FDA accepted materials. Made in the USA. 12 each/case. ANSI cut level 3.

Size	Unit	Stock #	PRICE
6	EA	193-2216	$8.90
7	EA	193-2217	$8.90
8	EA	193-2218	$8.90
9	EA	193-2219	$8.90
10	EA	193-2220	$8.90

Jackson Safety* G60 Purple Nitrile* Cut Resistant Gloves

Provides protection against lacerations while enhancing grip dexterity. Easily recognizable with their unique purple foam nitrile-coated fingertips and flexible dotted palms. These gloves are ambidextrous which keeps it simple to improve productivity and efficiency with each use. ANSI Cut Level 3 with CPPT of 1150 grams. 12 pair/case.

Size	Unit	Stock #	PRICE
7/S	PR	371-2427	$13.65
8/M	PR	371-2428	$13.61
9/L	PR	371-2429	$13.65
10/XL	PR	371-2430	$13.65
11/XXL	PR	371-2431	$13.65

NorthFlex Nitri Task C5™ Cut Resistant Gloves

Medium weight, 10-gauge seamless knit shell contains aramid and steel fibers for extremely good cut and abrasion protection. Foam nitrile palm is soft and pliable and provides good grip in oily or wet applications as well as excellent abrasion, tear and heat resistant performance. Glove has full palm and 3/4 finger coating to cover the knuckles. Blue nitrile on gray knit liner. ANSI Cut Level 4. 72 pair/case.

Size	Unit	Stock #	PRICE
7/S	PR	523-2753	$15.73
8/M	PR	523-2754	$15.73
9/L	PR	523-2755	$15.73
10/XL	PR	523-2756	$15.73

Perfect Fit® - Cut Resistant Technology Gloves

Perfect Fit CRT (Cut-Resistant Technology) provide ANSI Cut Level 4 cut resistance in even the lightest weight, CRT13 glove. CRT is a proprietary blend of cut-resistant fibers. Seamless knit gloves are soft and comfortable to wear, and offer excellent dexterity and abrasion resistance. 12 pair/dozen; 12 dozen/case.

Size	Unit	Stock #	PRICE
Men's	DZ	526-9610	$52.77
Jumbo	DZ	526-9611	$65.21
Women's	DZ	526-9612	$47.59
Extra Jumbo	DZ	526-9613	$72.15

Call Customer Service at 800-826-8302

CUT RESISTANT GLOVES

8113 Cut Resistant Gloves

Lightweight yet highly cut resistant, SHOWA 8113 is constructed with a "stretch" feel, breathable comfort, and thermal warmth for the full scope of cut resistance protection. Made with a 13-gauge seamless Thermax® lined knit with AlphaSan® and engineered with HPPE fibers. Launderable. Ambidextrous. ANSI Cut Level 4. Gray.

Size	Color	Unit	Stock #	PRICE
6/XS	Gray	EA	192-2361	$11.96
7/S	Gray	EA	192-2362	$11.96
8/M	Gray	EA	192-2363	$11.96
9/L	Gray	EA	192-2364	$11.96
10/XL	Gray	EA	192-2365	$11.96
11/2XL	Gray	EA	192-2366	$11.96

910 Cut Resistant Gloves

Top-of-the-line stainless steel fibers are combined with a specialized wrapping process to craft the ANSI Cut Level 4 SHOWA 910. 10-gauge stainless cut-resistant knit with steel engineered fiber. Uncoated. Ambidextrous. Fully launderable. Meets the requirements of 21 CFR parts 170 to 199 for food contact applications. White.

Size	Unit	Stock #	PRICE
6/XS	EA	192-2356	$7.60
7/S	EA	192-2357	$7.60
8/M	EA	192-2358	$7.60
9/L	EA	192-2359	$7.60
10/XL	EA	192-2360	$7.60
11/2XL	EA	192-2355	$7.60

S-TEX® 376 Cut Resistant Nitrile Gloves

Durability meets comfort with Showa's cut and liquid resistant S-TEX® 376. Engineered with revolutionary Hagane Coil® technology, every glove is ANSI Cut-Level 4, and naturally fits the anatomy of your hand for maximum precision. Features a three-quarter nitrile coating, a foam nitrile palm-coating over 13-gauge seamless knit, a breathable back, and an optimal grip in wet a oily conditions. Blue/Black/Gray. 12 pair/dozen; 6 dozen/case.

Size	Unit	Stock #	PRICE
6/S	DZ	192-3046	$104.01
7/M	DZ	192-3047	$104.01
8/L	DZ	192-3048	$104.01
9/XL	DZ	192-3049	$104.01
10/XXL	DZ	192-3050	$104.01

Ironwear® Impact Cut Gloves

Protect hands from cuts, punctures, and impact with these gloves. Features soft, flexible TPR padding to protect fingers and the back of hands from impact, and a padded palm with foam nitrile coating for cut resistance. The high impact TPR offers flexibility, while the reinforcement between the thumb and index finger provide longevity. Additional features include: High vis accents for working visibility in dark areas, breathable material for employee comfort, and an adjustable cuff. Cut resistance A6-3815 grams, cut 5 ANSI/ISEA 105-2016. Components comply with all FDA regulations for food. Black/Gray/Yellow. 6 dozen/case.

Size	Unit	Stock #	PRICE
M	PR	197-2335	$14.55
L	PR	197-2336	$14.55
XL	PR	197-2337	$14.55
2XL	PR	197-2338	$14.55
3XL	PR	197-2339	$14.55

Whizard® Handguard II® Protective Gloves

Premium quality safety gloves provide ANSI cut level 5, A7. Combination of ultra high strength fibers and stainless steel provides exceptional protection against cuts and slashes. Glove features Honeywell Spectra® Fiber. 3" cuff for wrist protection. Ambidextrous. CFR 21 - approved for food contact. White.

Size	Unit	Stock #	PRICE
XS	EA	364-7009	$20.08
S	EA	364-2215	$20.08
M	EA	364-2210	$20.08
L	EA	364-2205	$20.08
XL	EA	364-7016	$20.08

Stainless Steel Mesh Gloves

Ultimate defense against cuts, abrasions and lacerations in fast-paced meat and poultry plants. Made with 304L stainless steel and a sewn-on polypropylene wrist strap with adjustable snap to provide a comfortable and secure fit. Color-coded cuffs for sizing. Reversible design fits either left or right hand. USDA accepted. Made in the USA.

Size	Cuff Color	Unit	Stock #	PRICE
S	White	EA	364-2110	$84.54
M	Red	EA	364-2120	$84.54
L	Blue	EA	364-2130	$84.54
XL	Green	EA	364-2140	$84.54

Prices subject to change.

Heavyweight Cotton Knit Terry Gloves

Protect your hands and fingers with this 24-oz cotton terry glove with sewn-on knit wrist. Loop-out style glove offer heat protection up to 250°F, superior cut and abrasion resistance and a soft, comfortable cotton construction. White. 12 pair/dozen.

Size	Unit	Stock #	PRICE
Men's	DZ	145-7021	$17.43
Women's	DZ	145-7022	$14.37

Grip N® Hot Mill Gloves

Provides protection against intermittent heat up to 400°F. Nitrile "N" design, palm coating provides excellent grip and longer life. Knit material allows for air to flow, unlike cut/sewn hot mill gloves. Natural color with wide knit wrist. 6 pair/dozen.

Honeywell
NORTH

Size	Unit	Stock #	PRICE
Men's	DZ	523-2644	$72.33

8814 Heat Resistant Gloves

Designed to withstand heat exposure and multiple washings while maintaining superior tactile dexterity, SHOWA 8814 protects you from intermittent heat up to 500°F. These 14″ long gloves are easy to put on and remove with their slip-on design. Features a non-woven liner, and a textured neoprene coating that provides a better grip. Impermeable for working in damp or greasy environments. Black. 12 pair/dozen.

SHOWA

Size	Unit	Stock #	PRICE
7/S	DZ	192-2962	$136.08
8/M	DZ	192-2961	$136.08
9/L	DZ	192-2958	$157.17
10/XL	DZ	192-2963	$136.08

Heat Resistant Terrycloth Sleeve

Protect your wrist and arm against cuts, heat and abrasion with this terrycloth sleeve. Extra heavyweight 15″ sleeve features a knit wrist to provide more comfort for wrists. Heat resistant up to 350°F. Machine washable.

Unit	Stock #	PRICE
EA	145-7020	$4.71

Temp-Tec NL-56 Insulated Gloves

14″ Neoprene gloves can withstand intermittent contact with temperatures up to 480°F and as low as -100°F. A cotton jersey thermal liner makes these gloves ideal in food processing, freezer work, and other manufacturing facilities. Chemical resistant two-tone blue glove with non-slip grip meets FDA standards for food contact.

MAPA
PROFESSIONAL

Size	Unit	Stock #	PRICE
8	PR	192-2238	$32.58
9	PR	192-2239	$29.38
10	PR	192-2240	$24.44

Northflex® Cold Grip™ Gloves

NF11HD gloves feature a soft and flexible foamed PVC coating for shock and vibration absorption, but are tough enough to offer abrasion resistance comparable to polyurethane. Specially engineered open surface texture that clears liquids from surfaces and enables a very firm wet grip. The gloves have a soft brushed synthetic lining and 100% nylon outer layer to provide extreme comfort, dexterity, and warmth. Recommended for temperatures down to -15°F. Fully launderable for extended use. Black coating on a blue glove. 12 pair/dozen.

Honeywell
NORTH

Size	Unit	Stock #	PRICE
7/S	DZ	523-2576	$72.28
8/M	DZ	523-2578	$72.28
9/L	DZ	523-2579	$72.28
10/XL	DZ	523-2580	$72.28
11/XXL	DZ	523-2581	$72.28

North Polar Insulated Gloves

Keep hands warm and dry with these insulated leather palm gloves. 3M™ Thinsulate™ liner provides excellent thermal protection from temperatures down to -36°F. Waterproof vinyl liner helps prevent hands from getting wet. Gunn cut and wing thumb construction for wearer comfort. Blue/yellow.

Honeywell
NORTH

Size	Unit	Stock #	PRICE
Men's	PR	523-2805	$16.43
Women's	PR	523-2810	$16.43

Call Customer Service at 800-826-8302

TEMPERATURE RESISTANT GLOVES

Winter Hi-Viz™ 23-491 Gloves

Stay warm and dry with these tough fluorescent orange PVC vinyl coated gloves. Ideal for any winter applications where a high visibility glove is required. Features foam insulation, a soft jersey lining, curved fingers, a wing thumb, and a knitwrist cuff. 72 pair/case.

Ansell

Size	Unit	Stock #	PRICE
10	PR	193-7042	$10.70

Winter Monkey Grip® 23-193 Gloves

When the going gets cold, stay warm and dry with these tough orange PVC vinyl coated gloves. Ideal for working in cold storage and unheated warehouses or when handling chilled or refrigerated products. Features foam insulation, a soft jersey lining, curved fingers, a wing thumb, and a safety cuff. 72 pair/case.

Ansell

Size	Unit	Stock #	PRICE
10	PR	193-7041	$9.54

Therm-A-Knit® 78-150 Glove Liner

Made of Dupont™-certified thermostat fast-wicking fibers, Therm-A-Knit gloves are perfect when extra warmth is needed. Used as a liner, under other gloves, these white knit gloves keep employees comfortable in cold, damp environments in the food processing industry. One size fits most. Made with FDA approved materials for food contact. 12 pair/dozen.

Ansell

Unit	Stock #	PRICE
DZ	193-2030	$41.84

Premium Grain Pigskin Positherm™ Lined Leather Palm Gloves

Premium grain pigskin leather palm gloves with warm 120 gram Positherm™ lining. Reinforced fingertips, and knuckle strap for extra protection where you need it most. Features include a canvas back, 2 1/2" safety cuff and wing thumb construction. Cotton hem is color-coded. 12 pair/dozen; 6 dozen/case.

WESTCHESTER PROTECTIVE GEAR

Size	Unit	Stock #	PRICE
Medium	DZ	112-2131	$85.86
Large	DZ	112-2133	$85.86

The Safety Zone® Clute Cut Leather Gloves

A/B Grade split cow leather gloves feature a green/pink clute cut fabric back, cotton lining, and a knit wrist. 20 dozen/case.

Size	Unit	Stock #	PRICE
Men's	DZ	103-6050	$15.95
Women's	DZ	103-6060	$15.95
XL	DZ	103-6065	$18.16

The Safety Zone® Gunn Cut Leather Gloves

These split cow leather gloves provide strength, durability, and protection with a rubberized safety cuff, and cotton lining. Red/Blue/Black. 12 pair/dozen; 10 dozen/case.

Size	Unit	Stock #	PRICE
Men's	DZ	103-6055	$25.51

Leather Driver's Gloves

Quality grain cowhide leather gloves have plenty of uses in your facility for forklift and truck drivers or material handlers. Unlined gloves with wing thumb and shirred cuff for easy on/off. 12 pair/dozen.

Size	Unit	Stock #	PRICE
M	DZ	103-6159	$78.20
L	DZ	103-6160	$78.20
XL	DZ	103-6161	$81.20

6781R Heat Resistant Neoprene Glove

Constructed with a triple-layer foam insulation and a strong neoprene coating, the SHOWA 6781R protects you from heat and cold. These black gloves feature a 12″ gauntlet, triple layered foam insulation, full neoprene-coated cotton jersey, and a rough finish. The insulation protects against intermittent heat up to 500°F or cold, while the neoprene coating provides outstanding resistance to abrasions, cuts, and a wide range of chemicals. 12 pair/dozen; 3 dozen/case.

SHOWA

Size	Unit	Stock #	PRICE
10/L	DZ	192-2293	$131.08

Prices subject to change.

Spunbound Polypropylene Arm Guards

Arm guards offer excellent protection of the forearm for many applications. 18" sleeves with elastic at the wrist and elbow. Latex-free. 100 pair/case.

CELLUCAP
M A N U F A C T U R I N G

Color	Unit	Stock #	PRICE
White	CA	652-1515	$18.41

Non-Woven Spunbonded Polypropylene Sleeve Protectors

Lightweight, breathable sleeves keep arms clean and protect product from hair as required in food processing environments. Non-woven polypropylene sleeves are not liquid resistant. 100 pair/case.

Color	Size	Unit	Stock #	PRICE
White	18"L x 8½"W	CA	358-7000	$20.34
White, HD	18"L x 9"W	CA	358-7029	$16.56
Navy blue	18"L x 9"W	CA	358-7023	$32.98
Light blue	18"L x 9"W	CA	358-7013	$32.98

KleenGuard* A20 Sleeve Protectors

Strong and abrasion resistant, the A20 sleeves consist of a tough breathable, patented MICROFORCE* barrier SMS fabric, which acts as a filter against dry particulate and light liquid sprays. 21" sleeves are elasticized at both ends. 100 pair/case.

Kimberly-Clark
PROFESSIONAL*

Color	Unit	Stock #	PRICE
White	CA	371-2036	$65.55

KleenGuard* A40 Sleeve Protectors

Stay comfortable while you work with these white sleeve protectors. Made from a breathable, microporous film laminate, which offers low linting, and a better liquid and particulate barrier than Tyvek®. 18" long, and elasticized on both ends to ensure arm protection. Low in lint. Passes NFPA 99 Criteria for antistatic materials. 100 pair/case.

Kimberly-Clark
PROFESSIONAL*

Color	Unit	Stock #	PRICE
White	CA	371-2200	$71.79

Tyvek® Sleeve Protectors

Tough Tyvek liquid resistant material serves a variety of splash and chemical applications in the food industry. Elasticized on both ends so they are easy to get on and off. 100 pair/case.

Size	Color	Unit	Stock #	PRICE
Large, 7¼"W x 18"L	White	CA	112-2210	$104.00
Jumbo, 8¼"W x 18"L	White	CA	112-2211	$125.50

PosiWear™ Sleeve Protectors

PosiWear Ultimate Barrier proprietary technology protects against dry particulates and liquid splash including viral and bloodborne pathogens, as well as non-hazardous chemicals. Latex-free elastic openings designed to fit most sizes. Passes NFPA 99 Antistatic test, low lint. 18" long, 7" wide. 100 pair/case.

WESTCHESTER
PROTECTIVE GEAR

Color	Unit	Stock #	PRICE
White	CA	112-2200	$94.62

Polyethylene-Coated Polypropylene Sleeves

Enhance protection against non-hazardous liquids and light spray with these PE-coated sleeves. Excellent particulate barrier. 18" length with elastic openings designed to fit most sizes. FDA approved. 100 pair/case.

WESTCHESTER
PROTECTIVE GEAR

Color	Unit	Stock #	PRICE
White	CA	112-2207	$21.29

Polyethylene Sleeve Protectors

Lightweight, liquid resistant, 16" long sleeves with elasticized ends protect against punctures, snags, and abrasions while providing resistance to chemicals, fats, oils and grease. Sleeve openings are completely sealed with no elastic exposed. FDA accepted materials. 1000 pair/case.

Ansell

Color	Unit	Stock #	PRICE
White	CA	145-2920	$77.40
Blue	CA	145-2921	$91.77

Call Customer Service at 800-826-8302

DISPOSABLE SLEEVES

Polyethylene Sleeve Protectors

Lightweight, liquid resistant polyethylene sleeves are 18" long. FDA accepted materials. 500 pair/case.

Color	Unit	Stock #	PRICE
White	CA	358-7004	$33.24
Blue	CA	358-7039	$34.45

Metal Detectable Sleeve Protectors

Made from Detectamet's unique metal and x-ray detectable polymer. This sleeve has an elastic cuff and upper arm. 15"L x 7.5"W. 500 pair/case.

Color	Unit	Stock #	PRICE
Blue	CA	364-7741	$115.99

CPP Sleeves

Economically priced vinyl arm protection for practically every application. Features elastic at both ends of the sleeve, an 8-mil thickness, and an 18" length. 12 pair/dozen; 12 dozen/case.

Color	Unit	Stock #	PRICE
White	DZ	145-2918	$14.31

Vinyl PVC Arm Sleeves

Durable 6-mil, 18" sleeve protects arms, and product from contamination. 12 pair/dozen; 12 dozen/case.

Color	Unit	Stock #	PRICE
Blue	DZ	358-7025	$10.79

NFDS16 Cut Resistant Sleeves

ANSI Cut Level 5 sleeve is knitted from Dyneema® and glass fiber. Lightweight, comfortable and cool to wear. Gray sleeve is launderable and dry cleanable without losing cut and abrasion resistance. 16" long for complete forearm coverage.

Unit	Stock #	PRICE
EA	523-2056	$19.78

CUT RESISTANT SLEEVES

SAFEKNIT™ Cut Resistant Sleeves

Manufactured from Spectra™ and other high-tech fibers, SafeKnit sleeves offer cut resistance comparable to stainless steel, with superior comfort and flexibility necessary in the food industry. Can be repeatedly laundered, even in bleach, without compromising protective properties. Sleeves are one-strand, seamless. FDA accepted materials. Made in the USA. ANSI Cut Level 1. 12 each/case.

Size	Unit	Stock #	PRICE
10"	EA	193-2228	$6.62
20"	EA	193-2230	$11.18

S8115-10 Cut Resistant Sleeves

Light and breathable, yet highly cut resistant, the SHOWA S8115-10 is perfect for operations requiring extended arm cut resistance. This 15-gauge seamless knit 10" sleeve offers excellent comfort and flexibility, and features a HPPE liner. Gray. Level 4 ANSI Cut Resistance.

Size	Unit	Stock #	PRICE
M	EA	192-2135	$12.67
L	EA	192-2136	$12.67
XL	EA	192-2137	$12.67

S8115HV-16 Cut Resistant Sleeves

Specifically colored for detecting where the hands are and monitoring workers compliance, SHOWA S8115-HV-16 is a 16" long cut resistant sleeve. This high-vis sleeve offers increased visibility in low lighting, as well as excellent comfort and flexibility. 15-gauge seamless knit with HPPE liner. Yellow. Level 4 ANSI Cut Resistance.

Size	Unit	Stock #	PRICE
M	EA	192-2231	$17.06
L	EA	192-2232	$17.06

S8115HV-16T Cut Resistant Sleeves

Monitor workers compliance by detecting where the hands are with the SHOWA S8115-HV-16T - a 16" long cut-resistant sleeve with an elastic thumb loop. This high-vis sleeve offers increased visibility in low lighting, as well as excellent comfort and flexibility. 15-gauge seamless knit with a HPPE liner. Yellow. Level 4 ANSI Cut Resistance.

Size	Unit	Stock #	PRICE
M	EA	192-2234	$17.98
L	EA	192-2235	$17.98

Prices subject to change.

SaniWear™ Non-Woven O.R. Caps

Handmade from soft, non-woven polypropylene material. Cool, comfortable, and non-irritating with an easy to wear snap-on elastic fit. Long-lasting. Flame resistant. Packed in a convenient dispenser box. White. Made in the USA. 100/box; 10 boxes/case.

SaniWear™

Size	Unit	Stock #	PRICE
18″	BX	358-2518	$5.46
21″	BX	358-2521	$6.29
24″	BX	358-2524	$7.35
28″	BX	358-2528	$18.31

Color-Coded O.R. Caps

Choose these economical non-woven polypropylene bouffant caps to add to the color-coding program in your food processing facility. Comfortable, latex-free hair control is flame resistant. 100/bag; 10 bags/case.

Color	Unit	Stock #	PRICE
19″			
White	BG	358-2618	$3.14
Light Blue	BG	358-7008	$3.14
21″			
White	BG	358-2621	$3.34
Red	BG	358-2650	$3.34
Yellow	BG	358-2680	$3.34
Green	BG	358-2670	$3.34
Orange	BG	358-2660	$3.34
Light Blue	BG	358-7009	$3.34
Navy Blue	BG	358-2690	$3.34
24″			
White	BG	358-2624	$4.42
Red	CA	358-2651	$44.24
Yellow	CA	358-2682	$44.24
Green	CA	358-2671	$44.24
Orange	CA	358-2661	$44.24
Light Blue	BG	358-7010	$4.42
26″			
White	CA	358-2626	$167.13
28″			
White	BG	358-2628	$9.73
Blue	BG	358-7051	$9.73

The Safety Zone® Pleated Bouffant Caps

100% latex free spunbound polypropylene bouffant caps. Comply with the provisions of the Federal Food, Drug, and Cosmetic Act which allows repeated use in direct contact with food. White. 100/bag; 10 bags/case.

Size	Unit	Stock #	PRICE
19″	CA	192-2774	$24.78
21″	CA	192-2775	$25.47
24″	CA	192-2776	$29.66

Pleated Bouffant Caps

Pleated polypropylene O.R. bouffant caps are lightweight and breathable. Double stitched material controls hair effectively. 100/bag; 10 bags/case.

Description	Unit	Stock #	PRICE
White			
21″	BG	358-2691	$4.73
24″	BG	358-2694	$5.81
Blue			
21″	BG	358-2696	$4.73
24″	BG	358-2698	$5.81

Metal Detectable Detectanet™ Standard Hairnets

Lightweight, non-woven polypropylene hairnets with metal detectable strip. 100/bag; 10 bags/case.

Color	Unit	Stock #	PRICE
White	CA	364-2477	$115.99
Red	CA	364-2476	$115.99
Blue	CA	364-2101	$115.99

Detectamet
MANUFACTURING DETECTABLE FOOD SAFETY, OFFICE & PROFESSIONAL CLEANING PRODUCTS

SaniWear™ Mesh Hairnets

Made from heavyweight 100% nylon material, featuring an extra small 1/8″ honeycomb pattern for more sanitary hair control in your food processing facility. Packed in convenient dispenser boxes. Flame-resistant. Made in the USA. 100/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
White			
18″	BX	358-2218	$26.25
20″	BX	358-2220	$28.37
24″	BX	358-2224	$36.76
28″	BX	358-2228	$48.32
Brown			
18″	BX	358-2217	$26.26
20″	BX	358-2219	$28.36
24″	BX	358-2223	$52.54
28″	BX	358-2227	$48.32

SaniWear™

Call Customer Service at 800-826-8302

HAIRNETS

### Economy Heavyweight Mesh Hairnets

Soft heavyweight nylon mesh hairnets with 1/8″ honeycomb hole pattern. Comfortable latex-free elastic. Flame resistant. Fabric conforms to FDA specifications. 100/bag; 10 bags/case.

Size	Unit	Stock #	PRICE
White			
18″	BG	358-2818	$6.68
21″	BG	358-2821	$14.56
24″	BG	358-2824	$17.28
28″	BG	358-2828	$23.19
Blue			
21″	BG	358-2832	$14.56
24″	BG	358-2833	$17.28

SaniWear™ Stockinet® Hairnets

You don't have to sacrifice comfort to maximize hair control. SaniWear's exclusive Stockinet provides better sanitary hair control than ordinary mesh nets. Handsewn from extra soft, nylon stocking material. 100% latex free and flame resistant nylon. Packed in a convenient, corrugated dispenser box. Made in the USA. White. 100/box; 10 boxes/case.
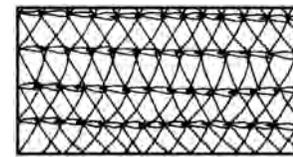
Size	Unit	Stock #	PRICE
18″	BX	358-2318	$28.98
20″	BX	358-2320	$30.03
24″	BX	358-2324	$37.82
28″	BX	358-2328	$60.63

SaniWear™

Color-Coded Stocking Mesh Hairnets

100% nylon stocking mesh hairnets in colors to fit your color-coded program. 100% latex-free and flame resistant nylon. 100/bag; 10 bags/case.

Color	Unit	Stock #	PRICE
21″			
White	BG	358-2921	$19.41
Red	BG	358-2934	$19.41
Yellow	BG	358-2936	$19.41
Blue	BG	358-2932	$19.41

Economy Stocking Mesh Hairnets

Provide more complete hair control with soft, 100% nylon stocking mesh hairnets. For extended-wear in the food plant when comfort and coolness is a priority. White. 100% latex free and flame resistant nylon. 100/bag; 10 bags/case.

Size	Unit	Stock #	PRICE
18″	BG	358-2918	$18.28
21″	BG	358-2921	$19.41
24″	BG	358-2924	$22.79
28″	BG	358-2928	$24.24

Economy Lightweight Mesh Hairnets

Economical and made from a lightweight nylon that features a 1/8″ grid pattern for great sanitary hair control in your food handling areas. Each hairnet is individually wrapped in tissue. 100% latex free and flame resistant nylon. White. Made in the USA. 144/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
18″	BX	358-2118	$22.05
21″	BX	358-2121	$23.11
24″	BX	358-2124	$24.16

Prices subject to change.

CAPS & HATS

HAIR CONTROL HOODS

Classy Cap® Paper Hats

Durable enough to be worn all day, yet inexpensive enough to be disposable. Fully adjustable headband holds the high-quality cap securely in place and fits all sizes. Choice of blue or red stripe on white cap. Made in the USA. 100/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Blue stripe	BX	358-2010	$9.40
Red stripe	BX	358-2011	$9.40

Shower Cap

This all-purpose clear polyethylene shower cap has plenty of uses. Standard 21" size. 100/bag; 5 bags/case.

Unit	Stock #	PRICE
CA	358-7234	$30.89

Hair Control Hoods

Cover hair, mustache and beard all-in-one! Non-woven spunbonded polypropylene hood has elastic face and neck opening for comfort. 100/bag; 10 bags/case.

Color	Unit	Stock #	PRICE
Regular			
White	BG	652-1530	$11.90
Blue	BG	652-1630	$11.90
Large			
White	BG	652-1532	$11.90
Blue	BG	652-1632	$11.90

BEARD RESTRAINTS

SaniWear™ Nonwoven Beard Cover

Made from the same non-woven polypropylene as our SaniWear O.R. cap. 100% latex-free and flame resistant. Made in the USA. 100/dispenser box; 10 boxes/case.

Color	Unit	Stock #	PRICE
White	BX	358-2710	$12.25
Blue	CA	358-7005	$126.00

Economy Beard Covers

The same great quality as our economy hairnets. Choice of several styles for your food handlers with facial hair. 100% latex free and flame resistant. 100/bag; 10 bags/case.

Material	Size	Unit	Stock #	PRICE
White				
Non-woven spunbound polypropylene	Standard	BG	358-2630	$3.66
Heavyweight mesh	Standard	BG	358-2830	$5.87
Stocking mesh	Standard	BG	358-2930	$12.82
Non-woven spunbound polypropylene	Jumbo	BG	358-7015	$15.53
Blue				
Non-woven spunbound polypropylene	Standard	BG	358-7021	$3.02
Heavyweight mesh	Standard	BG	358-7035	$6.29

Metal Detectable Detectanet™ Non-Woven Beard Covers

Made from non-woven, polypropylene material, these beard covers offer complete coverage for larger, longer beards. Detectable by aluminum foil strip. 100/bag; 5 bags/case.

Color	Unit	Stock #	PRICE
Red	CA	364-2474	$96.66
Blue	CA	364-7145	$96.66

Call Customer Service at 800-826-8302

BEARD RESTRAINTS

SaniWear™ Mesh Beard Cover

Made from a heavyweight nylon honeycomb mesh, featuring an extra small 1/8" honeycomb pattern. Made in the USA. White. 100% latex free and flame resistant. 100/dispenser box; 10 boxes/case.

Unit	Stock #	PRICE
BX	358-2720	$22.07

SaniWear™ Stockinet® Beard Cover

Made of soft nylon Stockinet material for complete hair control. Made in the USA. White. 100% latex free and flame resistant. 100/dispenser box; 10 boxes/case.

Unit	Stock #	PRICE
BX	358-2730	$22.90

DISPENSERS

Hairnet or Beard Cover Dispenser

Organize your hairnets or beard covers in one central location where workers can easily find them. Clear acrylic dispenser shows at-a-glance when supply is running low. Just flip up lid to fill. Pre-drilled holes for wall mounting, or set on countertop. Capacity: 100 hairnets or 300 beard covers. 12W" x 5"D x 12"H.

Unit	Stock #	PRICE
EA	081-2070	$75.85

Hairnet/Beard Cover Rack

Hold all styles of hairnets and beard covers in boxes or bags with this heavy wire dispenser rack. Wall mountable. White PVC coated steel wire for a clean look in all processing locations. 6.5"H x 12.25"W x 5"D.

Unit	Stock #	PRICE
EA	081-2068	$38.59

All-Purpose Dispensers

Store and dispense hair and beard covers, shoe covers, disposable gloves and more with these large dispensers. Clear dispensers are made of PETG, a clear plastic with rubber additives for break resistance. White dispensers are made of high-impact styrene and have clear lids. Choose a single, double, or triple dispenser. Assorted labels included.

Compartments	Material	Size	Unit	Stock #	PRICE
1	Clear PETG	14"H x 12"W x 8"D	EA	081-2210	$102.00
1	White styrene	14"H x 12"W x 8"D	EA	081-2211	$96.90
2	White styrene	11"H x 15"W x 9.5"D	EA	081-2212	$112.95
3	White styrene	11.5"H x 23"W x 9"D	EA	081-2213	$170.69

Prices subject to change.

DISPOSABLE APRONS

The Safety Zone® Polyethylene Aprons

Lightweight 1-mil disposable aprons. Conveniently packaged individually. 28″ x 46″L. White. 100/box; 10 boxes/case.

Unit	Stock #	PRICE
BX	103-2846	$5.16

Economy Color-Coded Disposable Aprons

Cost-effective, lightweight polyethylene aprons with extra long ties are a good choice for line workers in food manufacturing facilities. 28″ X 46″. FDA accepted materials. Choose from 4 colors to meet your color-coded requirements. 100/bag; 10 bags/case.

SaniWear™

Color	Unit	Stock #	PRICE
White	BG	358-2846	$7.19
Red	BG	358-2848	$7.19
Blue	BG	358-2850	$7.19
Green	BG	358-2852	$7.19

Disposable Polyethylene Aprons

High-quality virgin material combines flexibility and resistance to chemicals, fats and oils. Smooth finish is easy to clean. This 1.5-mil apron features a one-piece design with extra-long ties for comfort and convenience. Component materials comply with FDA regulations for food contact. 100 aprons/dispenser bag; 10 bags/case.

Ansell

Size	Unit	Stock #	PRICE
White			
28″W x 46″L	BG	145-2546	$16.10
28″W x 55″L	BG	145-2555	$18.96
Blue			
28″W x 46″L	BG	145-7046	$16.25
28″W x 55″L	BG	145-7055	$19.16

SaniWear™ Heavyweight Disposable Aprons

Heavyweight 2-mil polyethylene apron gives extra durability, resisting tears, and snags for workers on the processing line. It is sanitary and embossed for more pliability and a linen-like feel. White. FDA approved materials. Packed 100 each in a rugged dispenser box; 5 boxes/case.

SaniWear™

Size	Unit	Stock #	PRICE
28″ x 46″	BX	488-2005	$46.99
28″ x 55″	BX	488-2006	$54.53

REUSABLE VINYL APRONS

CPP™ Vinyl Aprons

Made from high-quality 100% virgin vinyl to stay soft and pliable even after extended wear. Ideal for dairy and food plants; they offer processors protection from acids, alkalis, solvents, chemicals, oils, fats, greases, punctures, and abrasions. Four heat-sealed grommets with 2 nylon ties. 6-mil. Plain edge. Blue. Approved for food handling applications.

Ansell

Size	Unit	Stock #	PRICE
33″ x 44″L	DZ	145-2045	$15.23
33″ x 49″L	DZ	145-2050	$15.97
33″ x 54″L	DZ	145-2055	$16.15

Die-Cut Vinyl Apron

Multipurpose apron is one-piece, die cut with self ties. Excellent resistance to punctures, abrasion, chemicals, fats, oils, and grease. Approved for food handling. Available in your choice of weights. 6 dozen/case.

Size	Color	Unit	Stock #	PRICE
6-mil				
33″ x 47″	Blue	DZ	364-7050	$17.07
35″ x 55″	Blue	DZ	112-7070	$16.08
8-mil				
33″ x 44″	White	DZ	145-7006	$39.10
35″ x 45″	White	DZ	364-7018	$14.39

Vinyl Raw Edge Apron

High quality, virgin vinyl aprons provide excellent resistance to acids, alkalis, solvents, chemicals. oils, fats, grease and salt. Generous 35″ width. Raw edges prevent collection of bacteria. Nylon tape ties. Choose 6-mil blue or 12-mil clear in various lengths.

WESTCHESTER PROTECTIVE GEAR

Color	Length	Unit	Stock #	PRICE
6-mil				
Blue	45″	DZ	112-7076	$13.62
Blue	50″	DZ	112-7077	$15.14
12-mil				
Clear	45″	DZ	112-7075	$29.52
Clear	50″	DZ	112-7068	$30.84

Call Customer Service at 800-826-8302

COATED APRONS

Endurosaf® Protective Aprons

For long-term economy, use these aprons that stand up to harsh food plant conditions. The high-tech material out-performs traditional materials such as neoprene, nitrile, vinyl and other films. It's stronger, longer-wearing and excep-tionally resistant to abrasion, chemicals, oils, and fats. Built-in memory allows it to return to its original dimensions after stretching or temperature abuse. Endurosaf aprons are lightweight, soft, easy to clean, and remain flexible in extremely cold temperatures. Self-material waist ties and neckstrap with plastic buckle. Component materials comply with FDA regulations for food contact. 35" X 50". 24/case.

Color	Unit	Stock #	PRICE
White	EA	145-2310	$15.23
Yellow	EA	145-2320	$15.86
Blue	EA	145-2330	$15.23

TUFF'R WEAR Coated Apron

This apron's polyurethane coating on 200 denier oxford nylon provides tough protec-tion against animal fats, acids, solvents, and oils found in the food processing envi-ronment. Cold-temperature flexibility, plus excellent abrasion and tear resistance, make Tuff'R Wear aprons the choice for long-wearing comfort. Self-material, stitched-on ties. 34″ x 45″. White.

Unit	Stock #	PRICE
EA	344-2005	$31.55

Lightweight Urethane Coated Aprons

The ultimate in lightweight comfort and protection. This rugged, low-cost apron is constructed of durable nylon fabric coated with tough, waterproof urethane. It offers outstanding abrasion resistance as well as protection from chlorine and other corro-sive cleaning chemicals used in the food processing industry. Stays soft and pliable even at low temperatures. Serged edges, nylon ties, and 2 metal grommets. Yellow. FDA accepted. 48/case.

Size	Unit	Stock #	PRICE
35"W x 48"L	EA	145-2748	$7.89
35"W x 55"L	EA	145-2755	$8.29

HYCAR Heavyweight Coated Aprons

Our most popular coated aprons for the food industry. Coated on both sides for best possible protection, wear life, and ease of cleaning. Has excellent resistance to animal fats, acids, solvents, and oils. Extremely abrasion, cut, and puncture resis-tant. All edges are sewn with heavy-duty nylon thread. Four rein-forced nickel-plated brass grom-mets. White. USDA accepted for food and meat handling.

- Standard Strap models have 2 separate 5/8″ wide cotton tape ties. Tied in the traditional cross pattern, they give the most flexible, comfortable fit.
- Wide Neck Strap model features 1″ wide cotton neck loop and sewn-in cotton waist tapes.
- Waist Apron omits bib. It ties at waist with sewn-in cotton tapes.

Description	Size	Unit	Stock #	PRICE
Aprons				
Standard strap	35"W x 45"L	EA	546-2025	$21.23
Standard strap	35"W x 50"L	EA	546-2030	$23.71
Wide neck strap	35"W x 45"L	EA	546-2024	$21.66
Waist apron	34"W x 38"L	EA	546-2020	$21.92
Replacement Ties				
Flat cotton tape ties	48″ x ⅝″ wide	EA	546-2048	$0.96
Poly/cotton rope ties	24″L	EA	546-2040	$1.11

Brute Belly Band Apron

This patented food industry apron gives extra wear right where it's needed with a 13-mil band of pure nitrile cured right into the middle of the apron so that it can't peel or collect bacteria. Abrasion resistant nitrile is excellent against fats, cleaning chemicals, and sol-vents. Adjustable neck strap with a safety release. 24″ heavy cotton rope ties and brass grommets at waist. Edges sewn with heavy nylon thread. Back-coated fab-ric to prevent absorption of fat, blood, grease, etc. Steam cleanable. Yellow. USDA accepted for food and meat handling. 35″W x 48″L.

Unit	Stock #	PRICE
EA	546-2105	$30.83

Prices subject to change.

Mini-Brute Belly Band Apron

Lighter weight and similar to yellow Brute apron, but in white nitrile with 11-mil cured belly band. Adjustable neck strap and cotton rope ties at waist. 35″W x 48″L. USDA accepted for food and meat handling.

Unit	Stock #	PRICE
EA	546-2110	$26.53

56-100 Heavy-Duty PVC Apron

Offers excellent resistance to oils, fats, and chemicals making it ideal for food processing/handling, janitorial, and maintenance work. The 20-mil virgin vinyl (PVC) thickness provides flexibility as well as resistance to abrasions and punctures. 35″W x 50″L. Green. 1 dozen/case.

Unit	Stock #	PRICE
CA	145-7023	$57.08

Chemical Resistant Smock

Provide quality and protection, even when the conditions won't with this chemical resistant poultry and lab smock. Full body coverage combined with a midweight, single-coated fabric construction gives you the added protection you need against the elements. USDA accepted for food and meat handling. Yellow.

Features:
- Single ply neoprene on woven nylon backing.
- Seams are five-thread safety stitched.
- 50″ length.
- 4 cotton tape ties secured to grommets at back of garment to tie closed.
- Grommets are reinforced with two layers of fabric.
- Hemmed edges, and neck bound with nylon binding.

Size	Unit	Stock #	PRICE
L	EA	546-6000	$76.30

56-910 Vinyl Coat Apron

Made from the highest-quality virgin vinyl in 8-mil thickness, these aprons feature dielectrically welded seams (no sewn seams), which eliminate contaminant traps and permits cleaning to Class 100 standards. They have no exposed elastic or metal parts to create static and corrosion. 40-mil PVC grommets are permanently welded to apron for greater strength and longer life. Designed for use in food processing laboratory, pharmaceutical and chemical processing applications. Offers greater body coverage that's still cool and comfortable to wear. Blue. 12/case.

Size	Unit	Stock #	PRICE
XL	EA	145-2043	$13.55

Apron Dispensers found on the next page…

APRON DISPENSERS

DISPOSABLE LAB COATS

Apron Dispenser Rack

This sturdy wall rack holds all styles of horizontal packaged - bagged or boxed - disposable aprons for easy dispensing. Wall mountable for easy access. White PVC coated steel wire rack is 6"H x 20.5"W x 15"D.

Unit	Stock #	PRICE
EA	081-2042	$46.34

Apron Dispenser Rack

Heavy-duty steel rack is PVC-coated for cleanliness. Measures 6" high and holds vertical boxed aprons. Screw holes for wall mounting. White. 6"H x 16.5"W x 4.75"D.

Unit	Stock #	PRICE
EA	081-2028	$51.51

Apron/Lab Coat Dispenser

White plastic dispenser with clear lid features slotted front for easy access to isolation gowns, lab coats, aprons, smocks or frocks. Mounts to table or wall. 11.75"H x 11.75"W x 13"D. White.

Unit	Stock #	PRICE
EA	081-2015	$121.12

Bulk Gown Dispenser

Dispenser holds aprons and gowns in bulk quantities. Hinged lid with opening at bottom of unit. Made of quartz ABS plastic with keyholes for mounting and a cutout for door hanger. 14.7"W x 15.12"H x 5.04"D. White. Made in the USA.

Unit	Stock #	PRICE
EA	081-2017	$109.22

Stainless Steel Clothing Rack

Seven hook 304 stainless steel rack is ideal for use in food service and industrial markets. Certified NSF/ANSI Standard 2 Food Equipment. The completely seamless design is easy to clean and corrosion resistant. 4.5"W x 27.5"L x 3.125"D.

Model	Unit	Stock #	PRICE
RH70	EA	081-2014	$97.56

SaniWear™ Color-Coded Disposable Lab Coats with Hook & Loop Closure

Hook and loop closure eliminates snaps which have the potential to fall off and risk possible product contamination. Made of lightweight, breathable, non-woven polypropylene material and feature a pocketless design with elastic wrists. Choice of 4 colors, in sizes up to 5XL. 30/case.

Size	Unit	Stock #	PRICE
White			
M	CA	652-1101	$28.02
L	CA	652-1102	$28.02
XL	CA	652-1103	$28.02
2XL	CA	652-1104	$28.02
3XL	CA	652-1105	$28.02
4XL	CA	652-1106	$29.42
5XL	CA	652-1107	$29.42
Red			
M	CA	652-1401	$29.77
L	CA	652-1402	$29.77
XL	CA	652-1403	$29.77
2XL	CA	652-1404	$29.77
3XL	CA	652-1405	$29.77
4XL	CA	652-1406	$31.26
5XL	CA	652-1407	$33.44
Navy			
M	CA	652-1201	$29.17
L	CA	652-1202	$29.17
XL	CA	652-1203	$29.17
2XL	CA	652-1204	$29.17
3XL	CA	652-1205	$29.17
4XL	CA	652-1206	$30.63
5XL	CA	652-1207	$30.63
Light Blue			
M	CA	652-1301	$29.17
L	CA	652-1302	$29.17
XL	CA	652-1303	$29.17
2XL	CA	652-1304	$29.17
3XL	CA	652-1305	$29.17
4XL	CA	652-1306	$30.63
5XL	CA	652-1307	$30.63

Prices subject to change.

Spunbonded Polypropylene Snap Front Disposable Lab Coats

Lightweight and breathable. Plastic snap front, pocketless design with choice of cuffs. 30/case.

Size	Unit	Stock #	PRICE
White with straight cuffs			
M	CA	112-2060	$33.92
L	CA	112-2065	$33.92
XL	CA	112-2070	$33.92
2XL	CA	112-7000	$33.92
3XL	CA	112-7030	$33.92
4XL	CA	112-7031	$17.98
White with elastic cuffs			
M	CA	112-7063	$34.64
L	CA	112-7064	$34.64
XL	CA	112-7052	$34.64
2XL	CA	112-7053	$34.64
3XL	CA	112-7028	$34.64
Blue with straight cuffs			
L	CA	112-7102	$17.98
XL	CA	112-7103	$17.98
2XL	CA	112-7104	$17.98
3XL	CA	112-7105	$17.98
4XL	CA	112-7106	$17.98
5XL	CA	112-7107	$17.98
Red with elastic cuffs			
L	CA	112-2081	$40.66
XL	CA	112-2082	$40.66
2XL	CA	112-2083	$40.66
3XL	CA	112-2084	$40.66

KleenGuard* A10 Disposable Lab Coats

The lightweight, spunbound polypropylene material keeps employees cool and comfortable, while the elastic wrists help keep out debris. These white lab coats feature a snap front and a pocketless design. 50/case.

Size	Unit	Stock #	PRICE
L	CA	371-2020	$117.05
XL	CA	371-2021	$117.05
2XL	CA	371-2022	$117.05
3XL	CA	371-2023	$117.05

KleenGuard* A40 Disposable Lab Coats

Comfortable and durable, this lab coat is made from a breathable, microporous film laminate. Ideal for use in maintenance and general clean up, liquid handling manufacturing, and food processing. Features elastic around the wrists, a five snap front closure, and a pocketless design. These white lab coats are an excellent replacement for Tyvek® as they provide a better liquid and particulate barrier, and lower lint. 30/case.

Size	Unit	Stock #	PRICE
M	CA	371-2030	$105.81
L	CA	371-2031	$105.81
XL	CA	371-2032	$111.43
2XL	CA	371-2033	$113.30
3XL	CA	371-2034	$118.92

PosiWear® Disposable Lab Coats

Perfect for messy jobs where basic chemical splash and liquid protection are needed. Pocketless coats with a snap front and open wrists. Full cut to be worn over regular clothing; perfect for visitors. White. 30/case.

Size	Unit	Stock #	PRICE
L	CA	112-2015	$83.73
XL	CA	112-2020	$83.73
2XL	CA	112-2025	$88.47
3XL	CA	112-7002	$93.20

Specialized Lapel Counter Coat

This performance blend poplin 80% polyester/20% combed cotton counter coat features a one-piece, lined collar with notched lapel, two lower exterior pockets, and a square-hemmed front. Men's counter coat has a three gripper closure and a 30" back length. Women's counter coat has 28" back length, a four gripper closure, and princess seams on the back. White.

Size	Unit	Stock #	PRICE
KP16WH Men's Counter Coat			
S	EA	679-2649	$18.99
M	EA	679-2650	$18.99
L	EA	679-2651	$18.99
XL	EA	679-2652	$18.99
2XL	EA	679-2653	$21.58
3XL	EA	679-7548	$21.58
KP17WH Women's Counter Coat			
S	EA	679-2661	$19.54
M	EA	679-2662	$19.54
L	EA	679-2663	$19.54
XL	EA	679-2664	$19.54
2XL	EA	679-2665	$23.44

Call Customer Service at 800-826-8302

FABRIC LAB COATS

Red Kap® Lab Coats

80% polyester/20% combed cotton blend lab coats feature a one-piece, lined collar with notched lapel, a left chest pocket with pencil stall, two lower pockets, an interior chest pocket, and side vent openings. The non-yellowing UV buttons provide long-lasting whiteness through ndstrial laundry processing. Men's lab oat has a give gripper closure and a 41-1/2″ back length. Women's lab coat has a 38-1/4″ back length, a six gripper closure, and princess seams on the front and back. White.

Size	Unit	Stock #	PRICE
KP18WH Men's Lab Coat			
S	EA	679-2637	$18.99
M	EA	679-2638	$18.99
L	EA	679-2639	$18.99
XL	EA	679-2640	$18.99
2XL	EA	679-2641	$22.63
3XL	EA	679-2642	$22.63
4XL	EA	679-8406	$22.63
KP15WH Women's Lab Coat			
S	EA	679-2670	$20.42
M	EA	679-2671	$20.42
L	EA	679-2672	$20.42
XL	EA	679-2673	$20.42
2XL	EA	679-2674	$24.52

Gripper-Front Butcher Coats

The perfect coat for meat processors. 65% polyester/35% cotton twill butcher coat features a one-piece collar with a notched lapel, six gripper front closures, and side vent openings. Also features an interior chest pocket and two exterior lower pockets. White.

Size	Unit	Stock #	PRICE
4004WH			
S	EA	679-7766	$16.99
M	EA	679-7767	$16.99
L	EA	679-7768	$16.99
XL	EA	679-7769	$16.99
2XL	EA	679-7770	$20.18
3XL	EA	679-7660	$20.18

WRAPS

Butcher Wrap

This 65% polyester/35% cotton twill unisex butcher wrap features one exterior chest pocket, two exterior lower pockets, a reversible self-tie closure, and side vent openings. White.

Size	Unit	Stock #	PRICE
WT50WH			
M	EA	679-8209	$21.10
L	EA	679-2931	$21.10
XL	EA	679-8210	$21.10
2XL	EA	679-7451	$25.32
3XL	EA	679-8226	$25.32

Collarless Butcher Wrap

Features three quarter sleeves, a reversible self-tie closure, an interior left chest pocket, and two exterior lower pockets. 80% polyester/20% combed cotton poplin blend. White.

Size	Unit	Stock #	PRICE
WP18WH			
S	EA	679-8048	$17.99
M	EA	679-7563	$17.99
L	EA	679-7496	$17.99
XL	EA	679-7497	$17.99
2XL	EA	679-7498	$20.67
3XL	EA	679-8049	$20.67

Prices subject to change.

Spunbonded Polypropylene Disposable Coveralls

Where liquid is not an issue, choose these inexpensive, lightweight coveralls for protection. Use for messy powder rooms or maintenance. Employees stay cooler with these breathable coveralls. Full zip front. White. 25/case.

WEST**CHESTER**
PROTECTIVE GEAR

Size	Unit	Stock #	PRICE
Straight Cuffs			
M	CA	112-2160	$17.35
L	CA	112-2165	$17.35
XL	CA	112-2170	$17.35
2XL	CA	112-7007	$17.35
3XL	CA	112-7008	$17.35
Elastic Wrists & Ankles			
L	CA	112-7035	$19.32
XL	CA	112-7017	$19.32
2XL	CA	112-7043	$19.32
3XL	CA	112-7044	$19.32
4XL	CA	112-7045	$19.32

Heavyweight Polypropylene Disposable Coveralls

A perfect barrier to dirt and misty sprays, making it ideal for use in the lab or food processing industry. This protective coverall features elasticized wrists and ankles, a zipper front and a single collar. Superior quality, durable non-woven polypropylene has been used in the synthesis of this suit, and the generous cut provides a comfortable fit. White. 25/case.

SINCE 1935
KEYSTONE
SAFETY
A Division of Keystone Adjustable Cap Company, Inc.

Size	Unit	Stock #	PRICE
S	CA	358-7085	$50.61
M	CA	358-7075	$50.61
L	CA	358-7076	$50.61
XL	CA	358-7077	$50.61
2XL	CA	358-7078	$50.61
3XL	CA	358-7079	$51.71
4XL	CA	358-7080	$53.41
5XL	CA	358-7081	$54.43

Kleenguard A20 Disposable Coveralls

Lightweight and breathable coveralls are strong and abrasion resistant for extended wear. Patented MICROFORCE™ Barrier SMS fabric offers barrier protection against dry particulates. Zipper front with elastic wrists and ankles. 24/case; size 3XL is 20/case.

Kimberly-Clark
PROFESSIONAL*

Size	Unit	Stock #	PRICE
White			
M	CA	371-2052	$105.24
L	CA	371-2053	$105.24
XL	CA	371-2054	$105.24
2XL	CA	371-2055	$105.24
3XL	CA	371-2056	$93.95
Blue			
L	CA	371-2073	$110.87
XL	CA	371-2074	$110.87
2XL	CA	371-2075	$110.87
3XL	CA	371-2076	$110.80

Call Customer Service at 800-826-8302

DISPOSABLE COVERALLS

REUSABLE COVERALLS

KleenGuard* A40 Disposable Coveralls

Engineered and tested to offer a better liquid and particulate barrier than Tyvek®. This disposable coverall has a zipper front, serged seams and open ankles and wrists, plus it offers strength and durability, while giving a clothing-like feel against the skin. Typical uses include liquid handling, utilities, pressure washing, tank cleaning, maintenance, and general manufacturing. White. 25/case.

Kimberly-Clark
PROFESSIONAL*

Size	Unit	Stock #	PRICE
M	CA	371-2105	$100.67
L	CA	371-2106	$100.67
XL	CA	371-2107	$100.67
2XL	CA	371-2108	$100.67
3XL	CA	371-2109	$107.30
4XL	CA	371-2110	$115.49

PosiWear™ PosiUB Disposable Coveralls

Proprietary technology against dry particulates and liquid splash including viral and blood borne pathogens, as well as non hazardous chemicals. Full length zipper front and exceptional strength for easy donning. Elastic waistband for improved fit. White. 25/case.

WESTCHESTER
PROTECTIVE GEAR

Size	Unit	Stock #	PRICE
Open wrists and ankles			
M	CA	112-2110	$102.11
L	CA	112-2115	$102.11
XL	CA	112-2120	$102.11
2XL	CA	112-2125	$108.41
3XL	CA	112-7001	$114.72
Hood, boots, and elastic wrists			
L	CA	112-7026	$116.69
XL	CA	112-7025	$116.69
2XL	CA	112-7023	$123.00
3XL	CA	112-7024	$129.31
Hood, elastic wrists and ankles			
M	CA	112-2113	$111.57
L	CA	112-7013	$111.57
XL	CA	112-7014	$111.57
2XL	CA	112-7033	$117.88
3XL	CA	112-7034	$124.18
4XL	CA	112-7046	$136.80

Twill Action-Back Coveralls

Demanding jobs require tough coveralls. Features a 65%/35% cotton blend, a patch hip and chest pockets with a rule pocket on the right leg, and two set-in front pockets. These coveralls have a two way brass zipper, hemmed sleeves, and a gripper at the top of the zipper and lapel. The CT16WH (White) version does not have chest pockets.

Length	Sizes	PRICE
CT10NV Navy		
Regular	34 to 62"	**Call**
Long	38 to 58"	**Call**
CT16WH White		
Regular	Small to 3XL	**Call**

RED KAP
1923
DONE RIGHT.

Insulated Twill Coveralls

Rugged reliability make these twill coveralls ideal in the cooler, freezer, or outdoors. Red nylon quilted 100% polyester lining insulates these 65% polyester/35% combed cotton coveralls. Features a two-way brass zipper with gripper lapel, two set-in front pockets, two zippered chest pockets, and two patch hip pockets. The adjustable take-up snaps on the leg openings offer protection, and the outseams are safety-stitched, while the inseams are felled.

Length	Men's Size	PRICE
CT30NV Navy Insulated Coverall		
Regular	Small to 4XL	**Call**
Long	Medium to 2XL	**Call**
Short	Medium to Large	**Call**

RED KAP
1923
DONE RIGHT.

Insulated Blended Duck Coveralls

Superior warmth with a 100% polyester black quilted lining. These 65% polyester/35% cotton blend coveralls feature two set-in front patch pockets, two chest pockets with concealed snap down flaps, large back patch pockets, and adjustable hook-and-loop cuffs with concealed rib knit storm cuffs. The two-way front zipper is concealed by a storm flag and secured by snaps. Has two-way waist-to-ankle zippers. Optional Blended Duck Snap-On Hood sold separately.

Men's Size	PRICE
CD32BD Brown Coverall	
Small to 5XL	**Call**
CD32ND Navy Coverall	
Small to 6XL	**Call**
Blended Duck Snap-on Hood	
Brown HD20BD	**Call**
Navy HD20ND	**Call**

RED KAP
1923
DONE RIGHT.

Prices subject to change.

DuraScrim™ Protective Clothing

Ideal for light chemical applications, food processing, agriculture, and general industry, DuraScrim double coated PVC on polyester offers durability at an economy price. Features an extremely high tear strength, which is the result of an open weave polyester scrim fabric being sandwiched between two layers of flame resistant PVC coating. The thicker 10.5-mil outside coating provides better abrasion resistance, while the lighter interior coating protects fabric from chemical contamination.

TINGLEY
A TRADITION SINCE 1896

Features:

- Therm-O-Rad sealed seams are 100% waterproof and provide good chemical splash protection.
- Take-up snaps on sleeves and ankle cuffs for adjustable fit.
- Full cut shoulder with 90° sleeve to body angle for maximum freedom of movement.
- Storm fly front seals out wind, rain, and contaminants.
- Self material collar resists contamincation.
- Non-conductive, non-corrosive hardware.
- Mildew resistant.

Choose from a jacket with an attached hood, overalls with a plain front, or a three piece suit with a detachable hood and snap fly front overalls. Yellow.

DuraScrim™ Jacket

Size	Unit	Stock #	PRICE
S	EA	697-2306	$10.83
M	EA	697-2311	$10.83
L	EA	697-2316	$10.83
XL	EA	697-2321	$10.83
2XL	EA	697-2326	$11.38

DuraScrim™ Overalls

Size	Unit	Stock #	PRICE
S	PR	697-2206	$9.18
M	PR	697-2211	$9.18
L	PR	697-2216	$9.18
XL	PR	697-2221	$9.18
2XL	PR	697-2226	$9.75

DuraScrim™ Suits

Size	Unit	Stock #	PRICE
S	ST	697-7035	$18.77
M	ST	697-7030	$18.77
L	ST	697-7031	$18.77
XL	ST	697-7032	$18.77
2XL	ST	697-7033	$19.31

Tuff-Enuff™ 3-Piece Suit

Designed for 100% waterproof protection, this economy rainsuit is tough enough to reuse, yet economical enough to throw away. This .20 mm single ply PVC rainsuit is ideal for light duty general industry work. Features a generous cut for ease of movement and comfort, a storm fly front, take up snaps, and non-conductive hardware. Yellow.

Size	Unit	Stock #	PRICE
S	ST	697-2540	$8.92
M	ST	697-2541	$8.92
L	ST	697-2542	$8.92
XL	ST	697-2543	$8.92
2XL	ST	697-2544	$8.92
3XL	ST	697-2545	$8.92

TINGLEY
A TRADITION SINCE 1896

Industrial Work Coat

Designed for 100% waterproof protection, this economy raincoat is generously cut for ease of movement and comfort. This .35mm PVC on polyester coat is ideal for general purpose work environments. Features a 48″ length, storm fly front, hood snaps, corduroy lined collar, detachable hood and take-up snaps. Yellow.

Size	Unit	Stock #	PRICE
M	EA	697-2531	$11.66
L	EA	697-2532	$11.66
XL	EA	697-2533	$11.66
2XL	EA	697-2534	$12.18

TINGLEY
A TRADITION SINCE 1896

Call Customer Service at 800-826-8302

RAINWEAR/SANITATION SUITS

Safetyflex® Protective Clothing

Ideal for chemical environments, the Safetyflex flame resistant specialty PVC on polyester suit combines tough protection and comfortable fit. Made to resist industrial acids, chemicals, and caustics, as well as mildew. The heavy exterior coating provides excellent permeation performance, while the storm fly front seals out wind, rain, and contaminants.

Features:
- Therm-O-Rad sealed seams are 100% liquid proof protection.
- Non-conductive, non-corrosive snaps and buckles.
- Full cut shoulder with 90° sleeve to body angle for maximum freedom of movement.
- Storm fly front seals out wind, rain, and contaminants.
- Tapered sleeves are designed to fit in protective gloves or accommodate glove rings for added safety.
- Soft, supple feel for all day comfort.
- Hidden hardware for added protection.

Choose from a jacket with an attached hood, or overalls with a plain front. Green.

Safetyflex® Jacket

Size	Unit	Stock #	PRICE
M	EA	697-2351	$18.49
L	EA	697-2352	$18.49
XL	EA	697-2353	$18.49
2XL	EA	697-2354	$18.49
3XL	EA	697-2355	$18.49
4XL	EA	697-2356	$18.49

Safetyflex Overall

Size	Unit	Stock #	PRICE
S	PR	697-2360	$15.48
M	PR	697-2361	$15.48
L	PR	697-2362	$15.48
XL	PR	697-2363	$15.48
2XL	PR	697-2364	$15.48
3XL	PR	697-2365	$15.48
4XL	PR	697-2366	$15.48

American Protective Clothing

One of the most comfortable garments on the market - the lightweight coating is durable and stays supple in cold temperatures, while the non-woven lining absorbs moisture for all day comfort. This PVC on non-woven polyester clothing is ideal for general industry and agriculture applications. Resistant to many acids, oils, alcohols, salts, and alkalis.

Features:
- Therm-O-Rad sealed seams are 100% waterproof protection.
- Raglan sleeve construction and a generous cut for maximum freedom of movement.
- Storm fly front seals out wind, rain, and contaminants.
- Suspender crossover.
- Heavy-duty snaps guaranteed not to fail.
- Premium snap-lock suspender buckles.
- Mildew resistant.

Choose from a jacket with an attached hood, or overalls with a plain front. Yellow.

American Jacket

Size	Unit	Stock #	PRICE
S	EA	697-2570	$20.69
M	EA	697-2571	$20.69
L	EA	697-2572	$20.69
XL	EA	697-2573	$20.69
2XL	EA	697-2574	$23.38
3XL	EA	697-2575	$23.38
4XL	EA	697-7052	$23.38

American Overalls

Size	Unit	Stock #	PRICE
S	PR	697-2580	$17.23
M	PR	697-2581	$17.23
L	PR	697-2582	$17.23
XL	PR	697-2583	$17.23
2XL	PR	697-2584	$19.93
3XL	PR	697-2585	$19.93
4XL	PR	697-7051	$19.93

Prices subject to change.

Webdri® Protective Clothing

Ideal for food processing, manufacturing, and agriculture, this popular PVC on polyester clothing is designed for comfort and toughness. Webdri is a truly comfortable, high-performance garment made with a heavy coating and a high loft lining, so it can withstand extensive laundering and duty.

TINGLEY
A TRADITION SINCE 1896

Features:

- Therm-O-Rad sealed seams for 100% waterproof protection.
- Batwing sleeve construction and generously cut for maximum freedom of movement.
- Storm fly front seals out wind, rain, and contaminants.
- Heavy-duty snaps guaranteed not to fail.
- Premium snap-lock suspender buckles.
- Stitched boned non-woven lining defies punctures and tears as well as dissipates moisture.
- Special PVC coating resists fats and oils.
- Mildew resistant.

Choose from a jacket with an attached hood, or overalls with a plain front. Yellow.

Webdri® Jacket

Size	Unit	Stock #	PRICE
S	EA	697-2405	$29.09
M	EA	697-2410	$29.09
L	EA	697-2415	$29.09
XL	EA	697-2420	$29.09
2XL	EA	697-2425	$31.80
3XL	EA	697-7025	$31.80
4XL	EA	697-7049	$31.80

Webdri Overalls

Size	Unit	Stock #	PRICE
S	PR	697-2505	$24.82
M	PR	697-2510	$24.82
L	PR	697-2515	$24.82
XL	PR	697-2520	$24.82
2XL	PR	697-2525	$27.54
3XL	PR	697-7026	$27.54
4XL	PR	697-7050	$27.54

Eagle™ Protective Clothing

Made of 200 denier nylon and coated on the inside with breathable polyurethane - the Eagle is both lightweight and comfortable. Ideal for food processing, general industry, and municipalities, as this garment can be used in most hydrocarbons, oils, organic acids, salts, alkalies, and in some organic solvents.

TINGLEY
A TRADITION SINCE 1896

Features:

- Raglan sleeve construction for a comfortable fit.
- Stitched and taped seams for 100% waterproof protection.
- Storm fly front seals out wind, rain, and contaminants.
- Non-conductive, non-corrosive snaps and buckles.
- Interior polyurethane coating and exterior DWR (Durable Water Repellency) coating for 100% waterproof protection.
- Generously cut to fit over the heavist of work clothes.
- Mildew resistant.

Choose from a jacket with an attached hood, or overalls with a plain front. Yellow.

Eagle™ Jacket

Size	Unit	Stock #	PRICE
S	EA	697-2470	$31.34
M	EA	697-2471	$31.34
L	EA	697-2472	$31.34
XL	EA	697-2473	$31.34
2XL	EA	697-2474	$34.06
3XL	EA	697-2475	$34.06
4XL	EA	697-2476	$34.06

Eagle™ Overalls

Size	Unit	Stock #	PRICE
S	PR	697-2480	$25.51
M	PR	697-2481	$25.51
L	PR	697-2482	$25.51
XL	PR	697-2483	$25.51
2XL	PR	697-2484	$28.23
3XL	PR	697-2485	$28.23
4XL	PR	697-2486	$28.23

Call Customer Service at 800-826-8302

RAINWEAR/SANITATION SUITS

Iron Eagle® Protective Clothing

Extremely comfortable and flexible, the Iron Eagle has the durability to resist fats, oils, grease, and a variety of other chemicals. The exterior coated polyurethane on nylon is lightweight and durable, making it ideal for food processing, meat packing, sanitation, and agriculture. Good in most hydrocarbon oils, organic acids, salts, alkalies, and in some organic solvents.

Features:
- Batwing sleeve construction and generously cut for maximum freedom of movement.
- Therm-O-Rad sealed seams for 100% waterproof protection.
- Storm fly front seals out wind, rain, and contaminants.
- Premium snap lock suspender buckles.
- Heavy-duty suspenders with crossover.
- Heavy-duty snaps guaranteed not to fail.
- 2-mil exterior coating offers unbelievable snag and abrasion resistance.
- Sleek coating is easy to decontaminate and provides great liquid shedding characteristics.
- Heat sealed seams are stronger than the material itself and can withstand extensive laundering.
- Mildew resistant.

Choose from a jacket with an attached hood, or overalls with a plain front. Gold.

Iron Eagle® Jacket

Size	Unit	Stock #	PRICE
S	EA	697-2550	$36.21
M	EA	697-2551	$36.21
L	EA	697-2552	$36.21
XL	EA	697-2553	$36.21
2XL	EA	697-2554	$38.90
3XL	EA	697-2555	$38.90
4XL	EA	697-2556	$38.90

Iron Eagle® Overalls

Size	Unit	Stock #	PRICE
S	PR	697-2560	$29.03
M	PR	697-2561	$29.03
L	PR	697-2562	$29.03
XL	PR	697-2563	$29.03
2XL	PR	697-2564	$31.72
3XL	PR	697-2565	$31.72
4XL	PR	697-2566	$31.72
5XL	PR	697-2567	$34.42

Impertech™ Sanitation Suits

This collection consists of a unique 100% waterproof-stretchable fabric that is both functional and comfortable. The soft polyester knit backing and elastic polyurethane coating have a stretch factor of 200% and are resistant to most chemicals, acids, and oils. High abrasion resistance makes these suits perfect for busy food processing associates. Lightweight, noiseless material.

Impertech™ Sanitation Jacket

Outfit your cleaning crew with this jacket specially designed for sanitation applications. It features an attached hood with elastic, raglan sleeves for ease of movement, elastic wrists, front zip with snap storm flap, and vented back cape. Navy. Style 70317.

Size	Unit	Stock #	PRICE
S	EA	377-2201	$55.82
M	EA	377-2202	$55.82
L	EA	377-2203	$55.82
XL	EA	377-2204	$55.82
2XL	EA	377-2205	$55.82
3XL	EA	377-2206	$64.54
4XL	EA	377-2207	$64.54

Impertech™ Sanitation Bib

Features elastic at ankles, adjustable elastic suspenders, and a high waist functional bib on front and back. Chest pocket with hook and loop closure on right side. Snap adjustment at hem and waist. Navy. Style 70417.

Size	Unit	Stock #	PRICE
S	PR	377-2230	$55.82
M	PR	377-2231	$55.82
L	PR	377-2232	$55.82
XL	PR	377-2233	$55.82
2XL	PR	377-2234	$55.82
3XL	PR	377-2235	$64.54
4XL	PR	377-2236	$64.54

Impertech™ Bib Pant Overalls

The high front/lower back provides more frontal coverage while still keeping you cool with an open back. Internal pocket with hook and loop closure inside front of bib. Heavy-duty suspenders with click buckles. Adjustable waist snaps. Knee length boot zippers. Navy. Style 70548.

Size	Unit	Stock #	PRICE
S	PR	377-2218	$69.77
M	PR	377-2219	$69.77
L	PR	377-2220	$69.77
XL	PR	377-2221	$69.77
2XL	PR	377-2222	$69.77
3XL	PR	377-2223	$80.23
4XL	PR	377-2224	$80.23

Prices subject to change.

Hivizgard™ General Purpose Safety Vest

High visibility safety vest features 100% polyester mesh, hook and loop closure, and elastic sides. One size fits most. This vest does not have reflective strips and is not ANSI rated - for general purpose only. Lime.

Unit	Stock #	PRICE
EA	196-2238	$1.84

Hivizgard™ Safety Vest With 1″ Silver Stripes

Class 1 general purpose safety vest features 1″ wide silver retro-reflective strips on front and back. 100% polyester mesh vest with elastic sides and a hook and loop closure. One size fits all.

Color	Unit	Stock #	PRICE
Lime	EA	196-2220	$2.60
Orange	EA	196-2221	$2.60

Job Sight™ Safety Vests

Lightweight, affordable, Class 2 vests feature breathable mesh or solid polyester material with hook and loop or zipper closures. These high visibility vests feature 2″ silver reflective tape. ANSI/ISEA 107 Type R Class 2 compliant vest for high visibility.

Size	Interior Pockets	Unit	Stock #	PRICE
Lime Polyester Mesh Vest w/ Zipper Closure				
S/M	4	EA	697-2700	$7.32
LG/XL	4	EA	697-2701	$7.32
2XL/3XL	4	EA	697-2702	$7.32
4XL/5XL	4	EA	697-2703	$7.32
Orange Polyester Mesh Vest w/ Zipper Closure				
S/M	4	EA	697-2600	$7.32
LG/XL	4	EA	697-2601	$7.32
2XL/3XL	4	EA	697-2602	$7.32
4XL/5XL	4	EA	697-2603	$7.32
Orange Polyester Mesh Vest w/ Hook & Loop Closure				
S/M	2	EA	697-2706	$6.17
LG/XL	2	EA	697-2707	$6.17
2XL/3XL	2	EA	697-2708	$6.17
4XL/5XL	2	EA	697-2709	$6.17
Lime Polyester Mesh Vest w/ Hook & Loop Closure				
S/M	2	EA	697-2712	$6.17
LG/XL	2	EA	697-2713	$6.17
2XL/3XL	2	EA	697-2714	$6.17
4XL/5XL	2	EA	697-2715	$6.17
Lime Polyester Solid Vest w/ Zipper Closure				
S/M	2	EA	697-2800	$9.83
LG/XL	2	EA	697-2801	$9.83
2XL/3XL	2	EA	697-2802	$9.83
4XL/5XL	2	EA	697-2803	$9.83

Job Sight™ Two-Tone Safety Vest

Constructed from rugged, durable, breathable polyester mesh to give you long-lasting comfort and protection. The high visibility yellow/green safety vest has two-tone 2″ silver reflective tape with a contrasting backing for superior visibility. Features a zipper closure, and four interior pockets for easy storage. ANSI/ISEA 107 Type R Class 2 compliant vest for high visibility. 50/case.

Size	Unit	Stock #	PRICE
S/M	EA	697-2720	$12.15
LG/XL	EA	697-2721	$12.15
2XL/3XL	EA	697-2722	$12.15
4XL/5XL	EA	697-2723	$12.15

Job Sight™ Two-Tone Adjustable Safety Vest

Adjustable to fit a variety of sizes! The rear horizontal band acts as an adjustable belt - simply fasten the belt on both sides with the hook and loop strips on the front to fit your size. This high visibility yellow/green safety vest features two-tone 2″ silver reflective strips with contrasting backing for visibility in all conditions. The breathable polyester mesh offers comfort and durability, while the four interior pockets provide plenty of room for storing all your items. Front zipper closure with two Mic tabs. ANSI/ISEA 107 Type R Class 2 compliant vest for high visibility. 50/case.

Size	Unit	Stock #	PRICE
M-XL	EA	697-2724	$15.38
2XL-5XL	EA	697-2725	$15.38

Job Sight™ 5 Point Breakaway Vest

Breakaway hook and loop closures at shoulders, sides, and front makes this vest easy to remove, giving you the necessary protection you need to keep you safe. This high visibility yellow/green safety vest features 2″ silver reflective tap on front and back for maximum visibility, a lightweight breathable polyester mesh material, and hook and loop closure. Inside, two pockets let you keep essentials close at hand. ANSI/ISEA 107 Type R Class 2 compliant vest for high visibility. 50/case.

Size	Unit	Stock #	PRICE
S/M	EA	697-2716	$10.79
LG/XL	EA	697-2717	$10.79
2XL/3XL	EA	697-2718	$10.79
4XL/5XL	EA	697-2719	$10.79

Call Customer Service at 800-826-8302

HIGH VISIBILITY CLOTHING

Job Sight™ Short-Sleeve T-Shirt

Safe and durable, these t-shirts utilize Birds Eye polyester moisture management fabric to wick perspiration away from the body to help keep you cooler, and more comfortable. High visibility yellow/green with 2″ silver reflective tape, and one front pocket. ANSI 107 Type R Class 2 compliant t-shirt for high visibility.

Size	Unit	Stock #	PRICE
S	EA	697-3138	$13.66
M	EA	697-3139	$13.66
L	EA	697-3140	$13.66
XL	EA	697-3141	$13.66
2XL	EA	697-3142	$13.66
3XL	EA	697-3143	$13.66
4XL	EA	697-3144	$13.66
5XL	EA	697-3145	$13.66

Job Sight™ Long Sleeve T-Shirt

Get comfortable, safe protection from this high visibility yellow/green t-shirt with 2″ silver reflective stripes and one front pocket. Features Birds Eye polyester moisture management fabric which wicks perspiration away from the body to help keep you cooler and more comfortable. ANSI/ISEA 107 Type R Class 3 compliant t-shirt for high visibility.

Size	Unit	Stock #	PRICE
S	EA	697-3148	$17.85
M	EA	697-3149	$17.85
L	EA	697-3150	$17.85
XL	EA	697-3151	$17.85
2XL	EA	697-3152	$17.85
3XL	EA	697-3153	$17.85
4XL	EA	697-3154	$17.85
5XL	EA	697-3155	$17.85

Job Sight™ Hooded Sweatshirt

Comfortable, durable sweatshirt constructed of a high density polyester material. Highly visible yellow/green with 2″ silver reflective stripes, zipper closure, and two front pockets. ANSI/ISEA 107 Type R Class 3 compliant sweatshirt for high visibility.

Size	Unit	Stock #	PRICE
S	EA	697-3158	$41.12
M	EA	697-3159	$41.12
L	EA	697-3160	$40.34
XL	EA	697-3161	$41.12
2XL	EA	697-3162	$43.83
3XL	EA	697-3163	$43.83
4XL	EA	697-3164	$43.83
5XL	EA	697-3165	$43.83

Phase 2™ Fleece Jacket

An innovative jacket constructed from a combination of 150 denier high visibility yellow/green polyester, and 360g black fleece that keeps you warm and visible, yet cool and comfortable for three season protection. The athletic apparel design and performance was adapted for work environments, while the insulating heavyweight fleece provides warmth and comfort. 2″ silver reflective tape reflects light for 360° nighttime conspicuity. ANSI/ISEA 107 Type R Class 2 compliant jacket for high visibility.

Features:
- Overhead shoulder design offers complete freedom of movement.
- Comes with a zipper/storm fly front that seals out wind and rain.
- Black material in high wear areas helps conceal dirt.
- Sleeves are lined for ease of use.
- Adjustable elastic drawcord at waist for easy adjustment.
- 4 exterior pockets, right and left breast security pockets with zipper closure and 2 mic tabs.
- Can be zipped into an Icon™ Jacket (sold separately) to create a multi-season comfort system.

Size	Unit	Stock #	PRICE
S	EA	697-2968	$44.85
M	EA	697-2969	$44.85
L	EA	697-2970	$44.85
XL	EA	697-2971	$44.85
2XL	EA	697-2972	$47.54
3XL	EA	697-2973	$47.54
4XL	EA	697-2974	$47.54
5XL	EA	697-2975	$47.54

Prices subject to change.

Phase 3™ Fleece Jacket

A revolutionary three layer material that keeps you warm and dry, yet cool and comfortable for three season protection. Offers amazing warmth-to-weight ratio in a breathable, wind and water resistant system. The athletic apparel design and performance was adapted for work environments, while the insulating heavyweight fleece provides warmth and comfort. Highly visible yellow/green background material for excellent daytime visibility, with 2″ silver reflective tape reflects light for 360° nighttime conspicuity. ANSI/ISEA 107 Type R Class 3 compliant jacket for high visibility and breathability. Breathable to ASTM E96.

Features:
- Overhead shoulder design offers complete freedom of movement.
- Stretch fabric with inner fleece layer for maximum comfort.
- Comes with a zipper/storm fly front that seals out wind and rain.
- Dark colored front helps conceal dirt.
- Hook and loop take-up straps on sleeve cuffs for easy adjustment.
- Longer cut back with adjustable elastic drawcord for extra coverage.
- Front hand warmer pockets, and right breast security pocket with zipper closures.
- Can be zipped into an Icon™ Jacket (sold separately) for insulation.

Size	Unit	Stock #	PRICE
S	EA	697-2948	$79.27
M	EA	697-2949	$79.27
L	EA	697-2950	$79.27
XL	EA	697-2951	$79.27
2XL	EA	697-2952	$81.96
3XL	EA	697-2953	$81.96
4XL	EA	697-2954	$81.96
5XL	EA	697-2955	$81.96

Job Sight™ Bomber Jacket

Made to provide superior warmth, comfort, and safety in the harshest safety conditions. This jacket has a 6-oz, 12-mil thick, 300 denier polyester shell that offers excellent durability and performance. The high visibility yellow/green color provides excellent daytime visibility, while the 2″ silver reflective tape reflects light for 360° nighttime conspicuity. ANSI/ISEA 107 Type R Class 3 compliant, 100% waterproof, jacket for high visibility.

Features:
- Fleece body lining and quilted polyester sleeve lining provide warmth and comfort.
- Black bottom on the front to help conceal dirt.
- Heavy-duty stretch knit cuffs and waist for a comfortable fit.
- Overhead shoulder design for complete freedom of movement.
- Roll-a-way hood in collar for your convenience.
- Storm fly front and zipper front closure seals out wind and rain.
- Stitched and taped seams give 100% waterproof protection.
- Waterproof underarm zipper vents help to reduce heat and moisture.
- Front hand warmer pockets with closure, a left breast radio pocket with flap closure, 5 exterior and 3 interior pockets, and 2 mic tabs for added convenience.

Size	Unit	Stock #	PRICE
S	EA	697-3118	$47.87
M	EA	697-3119	$47.87
L	EA	697-3120	$47.87
XL	EA	697-3121	$47.87
2XL	EA	697-3122	$50.56
3XL	EA	697-3123	$50.56
4XL	EA	697-3124	$50.56
5XL	EA	697-3125	$50.56

Call Customer Service at 800-826-8302

HIGH VISIBILITY CLOTHING

Job Sight™ Bomber II™ Jacket

A highly visible insulated winter wear jacket designed to provide warmth, comfort, and safety at an affordable price. This jacket has a 4-oz, 6-mil thick, 200 denier polyester shell for great wear. The high visibility yellow/green color provides excellent daytime visibility, while the 2″ silver reflective tape reflects light for 360° nighttime conspicuity. ANSI/ISEA Type R Class 3 compliant, 100% waterproof, jacket for high visibility.

Features:
- Quilted polyester liner provides warmth and comfort.
- Elasticized cuffs and waist add for a comfortable fit.
- A black bottom on the front helps to conceal dirt.
- The overhead shoulder design provides complete freedom of movement.
- The attached hood can roll-a-away in the collar for your convenience.
- Storm fly front and zipper front closure seals out wind and rain.
- The stitched and taped seams give 100% waterproof protection.
- Slash front pockets with closure, a left breast radio pocket with flap closure, and 2 mic tabs for added convenience.

Size	Unit	Stock #	PRICE
S	EA	697-3128	$33.07
M	EA	697-3129	$33.07
L	EA	697-3130	$33.07
XL	EA	697-3131	$33.07
2XL	EA	697-3132	$35.76
3XL	EA	697-3133	$35.76
4XL	EA	697-3134	$35.76
5XL	EA	697-3135	$35.76

Job Sight™ Bomber 3.1™ Jacket

For use in environments where high visibility and warmth are desired for wearer safety and comfort. The jacket has a waterproof 210 denier polyester shell for great wear along with a 140g removable black quilted polyester lining for added warmth, and that can be worn as a stand alone work jacket. The high visibility yellow/green color provides excellent daytime visibility, while the 2″ silver reflective tape reflects light for 360° nighttime conspicuity. ANSI/ISEA 107 Type R Class 3 compliant, 100% waterproof, jacket for high visibility.

Features:
- Elasticized cuffs and waist add for a comfortable fit.
- A black bottom on the front helps to conceal dirt.
- The overhead shoulder design provides complete freedom of movement.
- The attached hood can roll-a-way in the collar for your convenience.
- Storm fly front and zipper front closure seals out wind and rain.
- The stitched and taped seams give 100% waterproof protection.
- The shell has 5 exterior pockets and 3 interior pockets, while the liner jacket has 2 exterior pockets, offering a plethora of storage.
- Front hand warmer pockets with closure, a left breast radio pocket with flap closure, and 2 mic tabs for added convenience.

Size	Unit	Stock #	PRICE
S	EA	697-2958	$56.86
M	EA	697-2959	$56.86
L	EA	697-2960	$56.86
XL	EA	697-2961	$56.86
2XL	EA	697-2962	$60.90
3XL	EA	697-2963	$60.90
4XL	EA	697-2964	$60.90
5XL	EA	697-2965	$60.90

Prices subject to change.

Icon™ Jacket

Engineered to provide superior comfort and safety in the toughest work environment. Features breathable, waterproof 5.5-oz, 12-mil thick polyurethane fabric on 300 denier polyester. The high visibility yellow/green color offers excellent daytime visibility, and the 2″ reflective silver tape reflects light for 360° nighttime conspicuity, while the black colored bottom helps to conceal dirt. ANSI/ISEA 107 Type R Class 3 compliant for high visibility and breathability.

Features:
- Overhead shoulder design offers complete freedom of movement.
- Stitched and taped sealed seams provide 100% waterproof protection.
- Comes with a zipper/storm fly front with throat guard that seals out wind and rain.
- The roll-a-way adjustable hood in collar design offers added convenience.
- Full-vented cape back provides improved air circulation.
- D-ring access for a fall protection harness.
- Mesh/taffeta lining for added comfort.
- Hand warmer side pockets with front cargo pockets, and hook and loop closure.
- Front radio pocket with exterior badger holder, an inner breast pocket with zipper closure and 2 mic tabs.
- Elastic cuffs with hook and loop take-up straps make for easy on/off.
- Tapered sweep with adjustable elastic drawcord offers added protection.

Size	Unit	Stock #	PRICE
S	EA	697-3098	$64.73
M	EA	697-3099	$64.73
L	EA	697-3100	$64.73
XL	EA	697-3101	$64.73
2XL	EA	697-3102	$67.43
3XL	EA	697-3103	$67.43
4XL	EA	697-3104	$67.43
5XL	EA	697-3105	$67.43

Icon 3.1™ Jacket System

Waterproof, windproof, and ready to take on any working conditions, this three-in-one jacket system features breathable, waterproof 5.5-oz, 12-mil thick polyurethane fabric on 300 denier polyester. The yellow/green color offers excellent daytime visibility, and the 2″ reflective silver tape reflects light for 360° nighttime conspicuity, while the black colored bottom helps to conceal dirt. ANSI/ISEA 107 Type R Class 3 compliant for high visibility and breathability.

Features:
- Includes a removable black fleece jacket for all season comfort and use.
- Overhead shoulder design offers complete freedom of movement.
- Stitched and taped sealed seams provide 100% waterproof protection.
- Comes with a zipper/storm fly front with throat guard that seals out wind and rain.
- The roll-a-way adjustable hood in collar design offers added convenience.
- Full-vented cape back provides improved air circulation.
- D-ring access for a fall protection harness.
- Mesh/taffeta lining for added comfort.
- Hand warmer side pocket with exterior badger holder, an inner breast pocket with zipper closure and 2 mic tabs.
- Elastic cuffs with hook and loop take-up straps make for easy on/off.
- Tapered sweep with adjustable elastic drawcord offers added protection.

Size	Unit	Stock #	PRICE
S	EA	697-2988	$92.00
M	EA	697-2989	$92.00
L	EA	697-2990	$92.00
XL	EA	697-2991	$92.00
2XL	EA	697-2992	$96.05
3XL	EA	697-2993	$96.05
4XL	EA	697-2994	$96.05
5XL	EA	697-2995	$96.05

More High Visibility Clothing on the next page…

HIGH VISIBILITY CLOTHING

UNIFORMS

Icon™ Overalls

Ideal in environments where high visibility and waterproof wear is essential. Waterproof 5.5-oz, 12-mil thick polyurethane fabric on 300 denier polyester. The yellow/green color offers excellent daytime visibility, and the 2″ reflective silver tape reflects light for 360° nighttime conspicuity. Overhead shoulder designs offers complete freedom of movement, while the stitched and taped sealed seams provide 100% waterproof protection. Snap fly front with heavy-duty suspenders with quick release buckles and crossover make for easy on/off, and the hook and loop take-up straps on leg cuffs offer adjustable fit. These overalls also feature take-up snaps on overall waist for improved fit and on/off, and a mesh/taffeta lining for added comfort. ANSI/ISEA 107 Type R Class 3 compliant for high visibility and breathability.

Size	Unit	Stock #	PRICE
S	EA	697-3108	$38.53
M	EA	697-3109	$38.53
L	EA	697-3110	$38.53
XL	EA	697-3107	$38.53
2XL	EA	697-3112	$41.24
3XL	EA	697-3113	$41.24
4XL	EA	697-3114	$41.24
5XL	EA	697-3115	$41.24

Icon™ Pants

Stay visible and out of harm's way with these breathable pants. Waterproof 5.5-oz, 12-mil thick polyurethane fabric on 300 denier polyester with 2″ reflective silver tape for 360° nighttime visibility. The sealed seams are stitched and taped to ensure no water can get through. While the breathable fabric makes them comfortable across all seasons and working conditions. Features a snap fly front, elastic waist, and a mesh/taffeta lining for added comfort. Hook and loop take up straps on the leg cuffs and take up snaps on the waist make these pants adjustable. Side pockets with hook and loop closures. Black.

Size	Unit	Stock #	PRICE
S	EA	697-2978	$29.88
M	EA	697-2979	$29.88
L	EA	697-2980	$29.88
XL	EA	697-2981	$29.88
2XL	EA	697-2982	$32.58
3XL	EA	697-2983	$32.58
4XL	EA	697-2984	$32.58
5XL	EA	697-2985	$32.58

Specialized Pocketless Work Shirts

The perfect shirt for food processors. 65% polyester/ 35% cotton fabric shirts feature Touchtex™ technology with superior color retention, durable press, soil release, and wickability. These buttonless shirts have steel gripper closures and a two-piece convertible collar with sewn-in stays. Women's shirts have a square bottom hem that can be tucked in or left out. Sizes small to 4XL - some styles available up to 6XL.

Men's Short Sleeve	Men's Long Sleeve	Women's Short Sleeve	Women's Long Sleeve	PRICE
Light Blue				
SP26LB	SP16LB	SP25LB		Call
Light Grey				
SP26LA	SP16LA			Call
Light Tan				
SP26LT	SP16LT			Call
Navy				
SP26NV	SP16NV			Call
White				
SP26WH	SP16WH	SP25WH	SP15WH	Call

Specialized Cotton Work Shirts

Choose this long sleeve style for maintenance operations requiring 100% cotton material. Pocketless shirts feature stainless steel gripper closures on front and on the sleeve cuff. The two-piece, lined collar has sewn-in stays, while the back has a separate two-piece yoke. Available in regular sizes small - 3XL and long sizes large - 2XL.

Style	Color	PRICE
SC16WH	White	Call
SC16LB	Light blue	Call
SC16NV	Navy	Call

Prices subject to change.

Industrial Solid Work Shirts

Ideal work shirt for men or women in non-processing areas of the plant. 65% polyester/35% cotton blend shirts feature Touchtex™ technology with superior color retention, soil release, durable press, and wickability. These shirts have a two-piece lined collar with sewn-in stays, button front closures with a gripper at the neck, and two button-thru, hex style pockets with a pencil stall on the left pocket. The women's shirts feature a squared bottom hem that can be tucked in or left out. Available in sizes small - 6XL depending on style.

Men's Short Sleeve	Men's Long Sleeve	Women's Short Sleeve	Women's Long Sleeve	PRICE
Light Blue				
SP24LB	SP14LB	SP23LB	SP13LB	**Call**
Light Tan				
SP24LT	SP14LT			**Call**
Medium Blue				
SP24MB	SP14MB	SP23MB	SP13MB	**Call**
Navy				
SP24NV	SP14NV	SP23NV	SP13NV	**Call**
Spruce Green				
SP24SG	SP14SG			**Call**
White				
SP24WH	SP14WH	SP23WH	SP13WH	**Call**

Industrial Stripe Work Shirts

Feature Touchtex™ technology with superior color retention, soil release, durable press, and wickability. These 65% polyester/35% cotton blend shirts have a two-piece lined collar with sewn-in stays, button front closures with a gripper at the neck, and two button-thru, hex style pockets with a pencil stall on the left pocket. Available in sizes small - 6XL depending on style.

Men's Short Sleeve	Men's Long Sleeve	PRICE
White w/ Green Stripe		
SP20GW	SP10GW	**Call**
Light Blue w/ Navy Stripe		
SP20BB	SP10BB	**Call**
Medium Blue w/ Navy Stripe (no pocket buttons)		
SB22BS	SB12BS	**Call**
Blue w/ White Stripe (mock oxford style)		
SL20WB	SL10WB	**Call**

Specialized Work Pant

The perfect buttonless pant for food processing plants. 100% spun polyester pants feature Touchtex Pro™ with superior color retention and soil release, slack-style front pockets, and two set-in hip pockets. No buttons - the folder-set waistband has an outlet and hook and eye closure. Please specify inseam - up to 36″.

Style	Waist sizes	PRICE
White		
PT56WH	30″ - 42″	**Call**

Red-E-Prest® Work Pant

Easy fit 65% polyester/35% cotton blend pants with Touchtex Pro™ provide superior color retention and soil release. The no-roll waistband maintains a crease and withstands abrasion through industrial laundry processing. Features two front pockets and two set-in hip pockets - left pocket has button closure. Please specify inseam - up to 36″.

Style	Waist Sizes	PRICE
White		
PT10WH	28 - 56″	**Call**
Navy		
PT10NV	28 - 62″	**Call**
Spruce Green		
PT10SG	28 - 56″	**Call**
Brown		
PT10BN	26 - 62″	**Call**
Charcoal		
PT10CH	28 - 62″	**Call**
Tan		
PT10TN	28 - 52″	**Call**

Pre-Shrunk Cotton Work Pants

These 8.5-oz pre-shrunk twill 100% cotton pants feature a heavy duty brass ratcheting zipper, button closures, two slack style front pockets, two set-in hip pockets with a button closure on the left, and darts over the hip pockets for a better fit. Please specify inseam - up to 36″.

Style	Waist Sizes	PRICE
Navy		
PC10NV	28 - 56″	**Call**
Spruce Green		
PC10SG	30 - 44″	**Call**
Charcoal		
PC10CH	28 - 44″	**Call**

Call Customer Service at 800-826-8302

UNIFORMS

Elastic Insert Work Pants

Bend, stretch and twist in complete comfort with these women's work pants. Features Touchtex Pro™ with superior color retention and soil release, a self fabric waistband with side elastic waist inserts, and a slightly tapered leg. These easy fit pants have two front pockets, and two set-in hip pockets with a button closure on the left pocket. The white pants have a hook-and-eye closure at the waist and no button on the left hip pocket. Please specify inseam - up to 34″.

Style	Women's Size	PRICE
White, buttonless		
PT61WH	6 - 26	**Call**
Navy		
PT61NV	4 - 28	**Call**
Charcoal		
PT61CH	4 - 22	**Call**
Khaki		
PT61KH	4 - 22	**Call**
Black		
PT61BK	4 - 24	**Call**

Half-Elastic Work Pants

These 7.5-oz twill 65% polyester/35% cotton blend pants feature a hook-and-eye closure, two-front pockets, and a straight leg. Made with Touchtex Pro™ to provide superior color retention and soil release. Please specify inseam - up to 34″.

Style	Women's Sizes	PRICE
White		
PT59WH	4 - 28	**Call**
Navy		
PT59NV	4 - 32	**Call**
Spruce Green		
PT59SG	4 - 22	**Call**
Charcoal		
PT59CH	4 - 22	**Call**
Tan		
PT59TN	4 - 24	**Call**

Lint Roller

Use to remove hair, fuzz, and debris from employees before entering the production area for the day or after breaks and lunches. Lint roller and refills are 4″ long. Roller accepts both 30 & 56 sheet refills.

Description	Unit	Stock #	PRICE
Roller - 30 sheets/ roll, 13 rolls/bx	EA	456-2512	$2.11
Refill - 30 sheets/ roll, 12 rolls/bx	EA	456-2513	$1.98
Refill - 56 sheets/ roll, 12 rolls/bx	EA	456-2556	$2.66

Specialized Pocketless Knit 50/50 Blend Pique Shirt

Save on replacement costs with this long lasting shirt that will hold up well in a food processing environment. Polyester/cotton blend shirt features superior color retention and shrinkage control. These pocketless shirts have hemmed sleeves, a rib knit fashion collar, and a three-gripper front with a lined pocket. Shirts also feature soil release with wicking properties. Available in sizes small - 4XL.

Men's Short Sleeve	PRICE
Light Blue	
SK58LB	**Call**
Navy Blue	
SK58NV	**Call**
White	
SK58WH	**Call**

Hanes® Ecosmart® T-Shirts

Simplify your uniform program with these 5.2-oz., pre-shrunk 50/50 cotton polyester blend t-shirts made with up to 5% recycled polyester from plastic bottles. Features shoulder-to-shoulder taping, a tag-free neck label, and double needle stitched lay flat collar, sleeves, and bottom hem. Available in sizes small to 4XL.

Size	Stock #	PRICE
White		
S	041-7005	$4.58
M	041-7006	$4.58
L	041-7004	$4.58
XL	041-7002	$4.58
2XL	041-7003	$7.07
3XL	041-7027	$9.31
4XL	041-7041	$7.07
Navy		
S	041-7012	$5.92
M	041-7013	$5.92
L	041-7014	$5.92
XL	041-7015	$5.92
2XL	041-7016	$9.35
3XL	041-7017	$9.35

Prices subject to change.

UNIFORMS

Hanes® Ecosmart® Crewneck Sweatshirts

Keep employees warm with these 7.8-oz., 50/50 cotton polyester blend sweatshirts made with up to 5% recycled polyester from plastic bottles. Features a double-needle stitched neckline and armholes, a rib waistband and cuffs, and a tag-free neck label. Made with patented, low-pill, high stitch density PrintPro XP fleece. Available in sizes small to 4XL.

Size	Unit	Stock #	PRICE
White			
S	EA	041-7007	$10.56
M	EA	041-7008	$10.56
L	EA	041-7009	$10.56
XL	EA	041-7010	$10.56
2XL	EA	041-7011	$12.56
3XL	EA	041-7018	$12.56
4XL	EA	041-7042	$13.26
Navy			
S	EA	041-7043	$12.54
M	EA	041-7040	$12.54
L	EA	041-7024	$12.54
XL	EA	041-7025	$12.54
2XL	EA	041-7019	$15.37
3XL	EA	041-7039	$15.37
4XL	EA	041-7044	$16.07

JACKETS & VESTS

Men's Perma-Lined Panel Front Jacket

Look sharp with this durable, relaxed fit, twill jacket. Features a 65% polyester/cotton shell with a 100% polyester black quilted lining. This jacket is hip length, with a two-piece, topstitched collar with sewn-in stays, and two lower inset, on-seam pockets, plus a utility pocket on the left sleeve.

Length	Sizes	PRICE
JT50BN Brown		
Regular	Small to 6XL	**Call**
Long	Large to 5XL	**Call**
JT50CH Charcoal		
Regular	Small to 6XL	**Call**
Long	Large to 5XL	**Call**
JT50NV Navy		
Regular	Small to 6XL	**Call**
Long	Medium to 5XL	**Call**
JT50SG Spruce Green		
Regular	Small to 6XL	**Call**
Long	Large to 5XL	**Call**

Perma-Lined Solid Team Jacket

Insulated jackets are tough for work but stylish enough for play. Features a permanently lined black quilted polyester lining, a 65% polyester/35% cotton shell, and a rib knit collar, cuffs, and waistband. Jacket is mid-length, and has two lower inset slash pockets, and a utility pocket on the sleeve.

Length	Men's Size	PRICE
JT38BK Black Jacket		
Regular	Small to 6XL	**Call**
Long	Large to 5XL	**Call**
JT38CH Charcoal Jacket		
Regular	Small to 6XL	**Call**
Long	Large to 5XL	**Call**
JT38NV Navy Jacket		
Regular	Small to 6XL	**Call**
Long	Large to 5XL	**Call**
JT38SG Spruce Green Jacket		
Regular	Small to 6XL	**Call**
Long	Large to 5XL	**Call**

Call Customer Service at 800-826-8302

Quilted Vest

Enhance your freedom of movement with our comfortable quilted vest. 65% polyester/35% cotton blend vest with 100% polyester lining. This waist-length vest features a rear kidney flap, a rib knit collar, side elastic inserts, front patch pockets, and a solid brass zipper.

Length	Men's Size	PRICE
VT22CH Charcoal Vest		
Regular	Small to 3XL	**Call**
Long	Large to 2XL	**Call**
VT22NV Navy Vest		
Regular	Small to 3XL	**Call**
Long	Large to 2XL	**Call**

Blended Duck Zip-Front Hooded Jacket

Features a black quilted 100% polyester liner in the jacket & hood. This 65% polyester/35% cotton blend jacket has front hand-warmer pockets, gored sleeves for ease of movement, and an elastic waistband.

Length	Men's Size	PRICE
JD20BD Brown Jacket		
Regular	Small to 5XL	**Call**
JD20ND Navy Jacket		
Regular	Small to 5XL	**Call**

Heavyweight Parka

Stay more comfortable during cold weather tasks or in freezers with a heavyweight parka. Water repellent with 100% nylon taffeta lining and a 65% polyester/35% cotton blend shell. Features a turtleneck-style collar, storm flap with nylon snap, and a bungee cord waist adjustment, and a detachable hood. There are two concealed zippered pockets at the waist, double entry lower pockets, and a zippered pocket on the left bicep. Navy.

Size	Unit	Stock #	PRICE
Regular Sizes			
S	EA	679-2621	**$99.99**
M	EA	679-2622	**$99.99**
L	EA	679-2623	**$99.99**
XL	EA	679-2624	**$99.99**
2XL	EA	679-2625	**$119.57**
3XL	EA	679-2704	**$119.57**
Tall Sizes			
L	EA	679-7348	**$99.99**
XL	EA	679-7341	**$99.99**
2XL	EA	679-7347	**$119.57**

SERVUS® Dipped Neoprene Boots

Keep feet dry and comfortable with these soft, pliable, waterproof work boots. Boots flex and stretch easily to help reduce foot fatigue. Outstanding resistance to fuels, animal fats and chemical contamination. Removable insoles provide excellent cushion and wicks away moisture. 15″, plain toe with Neo-Grip™ outsole. Brown/Tan. Meets ASTM F2413-11EH.

Neo-Grip outsoles have the most surface-to-surface contact helping to prevent hydroplaning on wet or slick surfaces. The extra-flexible pattern actually grips the surface for better traction. Neo-Grip is best used on wet surfaces, not in areas that would have clumps of debris.

Size	Unit	Stock #	PRICE
22249 Plain Toe, 15″ Height			
6	PR	192-3306	**$82.95**
7	PR	192-3307	**$82.95**
8	PR	192-3308	**$82.95**
9	PR	192-3309	**$82.95**
10	PR	192-3310	**$82.95**
11	PR	192-3311	**$82.95**
12	PR	192-3312	**$82.95**
13	PR	192-3313	**$82.95**

SERVUS® Neoprene III Boots

100% waterproof seamless construction keeps workers' feet dry and comfortable. V-Wave™ outsole provides superior traction on surfaces with liquid and debris, reducing slips and falls. Designed for resistance to degradation from animal and vegetable fats and fluids as well as petroleum and agrichemcial substances. Expandable gusset is more comfortable and accommodating for wider calves. Removable Breath-O-Prene™ insoles provide shock absorption and wick away moisture to keep workers' feet and dry comfortable. Brown/Tan. Meets ASTM F2413-11 M I/75 C/75 EH.

Size	Unit	Stock #	PRICE
22234 Steel Toe, 15″ Height			
3	PR	526-8603	**$86.03**
4	PR	526-8604	**$86.03**
5	PR	526-8605	**$86.03**
6	PR	526-8606	**$86.03**
7	PR	526-8607	**$86.03**
8	PR	526-8608	**$86.03**
9	PR	526-8609	**$86.03**
10	PR	526-8610	**$86.03**
11	PR	526-8611	**$86.03**
12	PR	526-8612	**$86.03**
13	PR	526-8613	**$86.03**
14	PR	526-8614	**$86.03**
15	PR	526-8615	**$86.03**

Prices subject to change.

SERVUS® Neoprene III Boots with Neo-Grip Outsole

Unique dipping process makes boots soft and pliable for less fatigue. 100% waterproof seamless construction keeps workers' feet dry and comfortable. Neo-Grip outsole provides better traction on wet surfaces to reduce injuries from slips and falls. Removable Breath-O-Prene™ insoles provide shock absorption and wick away moisture to keep workers' feet dry and comfortable. Brown/Tan. Meets ASTM F2413-11 M I/75 C75 EH.

Size	Unit	Stock #	PRICE
22148 Steel Toe, 12" Height			
6	PR	525-5806	$80.39
7	PR	525-5807	$80.39
8	PR	525-5808	$80.39
9	PR	525-5809	$80.39
10	PR	525-5810	$80.39
11	PR	525-5811	$80.39
12	PR	525-5812	$80.39
13	PR	525-5813	$80.39
22103 Steel Toe, 6"			
6	PR	525-4846	$75.19
7	PR	525-4847	$75.19
8	PR	525-4848	$75.19
9	PR	525-4849	$75.19
10	PR	525-4850	$75.19
11	PR	525-4851	$75.19
12	PR	525-4852	$75.19
13	PR	525-4853	$75.19

Honeywell
SERVUS

SERVUS® Neoprene Boots with Chevron Outsoles

Unique dipping process makes these boots soft and pliable for less leg fatigue. 100% waterproof seamless construction keeps workers' feet dry and comfortable. Chevron outsoles provide excellent traction to prevent slips and falls on wet and slick surfaces. Removable Breath-O-Prene™ insoles provide shock absorption and wick away moisture to keep workers' feet dry and comfortable. Brown/Tan. 22215 and 22115 meet ASTM F2413-11 EH; 22214 and 22114 meet ASTM F2413-11 M I/75 C/75 EH.

Honeywell
SERVUS

Size	Unit	Stock #	PRICE
22115 Plain Toe, 12" Height			
4	PR	526-8504	$72.40
5	PR	526-8505	$72.40
6	PR	526-8506	$72.40
7	PR	526-8507	$72.40
8	PR	526-8508	$72.40
9	PR	526-8509	$72.40
10	PR	526-8510	$72.40
11	PR	526-8511	$72.40
12	PR	526-8512	$72.40
13	PR	526-8513	$72.40
14	PR	526-8514	$72.40
22114 Steel Toe, 12" Height			
3	PR	526-8403	$78.23
4	PR	526-8404	$78.23
5	PR	526-8405	$78.23
6	PR	526-8406	$78.23
7	PR	526-8407	$78.23
8	PR	526-8408	$78.23
9	PR	526-8409	$78.23
10	PR	526-8410	$78.23
11	PR	526-8411	$78.23
12	PR	526-8412	$78.23
13	PR	526-8413	$78.23
14	PR	526-8414	$78.23
15	PR	526-8415	$78.23

Size	Unit	Stock #	PRICE
22215 Plain Toe, 16" Height			
4	PR	526-9504	$73.84
5	PR	526-9505	$73.84
6	PR	526-9506	$73.84
7	PR	526-9507	$73.84
8	PR	526-9508	$73.84
9	PR	526-9509	$73.84
10	PR	526-9510	$73.84
11	PR	526-9511	$73.84
12	PR	526-9512	$73.84
13	PR	526-9513	$73.84
14	PR	526-9514	$73.84
22214 Steel Toe, 16" Height			
3	PR	526-9403	$78.89
4	PR	526-9404	$78.89
5	PR	526-9405	$78.89
6	PR	526-9406	$78.89
7	PR	526-9407	$78.89
8	PR	526-9408	$78.89
9	PR	526-9409	$78.89
10	PR	526-9410	$78.89
11	PR	526-9411	$78.89
12	PR	526-9412	$78.89
13	PR	526-9413	$78.89
14	PR	526-9414	$78.89
15	PR	526-9415	$78.89

Call Customer Service at 800-826-8302

BOOTS

Neoprene Snugleg Boots with Chevron Outsoles

Designed for tough food processing environments and triple dipped for top performance. Will outwear standard rubber boots in solvents, caustics, hydrocarbons, oils, fats and acids. Hand-layered construction allows for a soft flexible upper and more material in the toe and heel contact points, for optimum comfort and protection. Snugleg design hugs the foot for all day working comfort. Removable polyurethane contour cushion insoles and dense fabric liner for easy on and off. Chevron outsoles offer abrasion resistance and provide excellent slip performance on wet surfaces. Steel shank for added arch support. Brick red upper with brown sole. Safety toe styles meet ASTM F 2413 MI/75/C/75 EH.

Size	Unit	Stock #	PRICE
MB920B Plain Toe, 12-1/2" Height			
5	PR	696-2805	$66.57
6	PR	696-2806	$66.57
7	PR	696-2807	$66.57
8	PR	696-2808	$66.57
9	PR	696-2809	$66.57
10	PR	696-2810	$66.57
11	PR	696-2811	$66.57
12	PR	696-2812	$66.57
13	PR	696-2813	$66.57
MB922B Steel Toe, 12-1/2" Height			
5	PR	696-2815	$77.08
6	PR	696-2816	$77.08
7	PR	696-2817	$77.08
8	PR	696-2818	$77.08
9	PR	696-2819	$77.08
10	PR	696-2820	$77.08
11	PR	696-2821	$77.08
12	PR	696-2822	$77.08
13	PR	696-2823	$77.08
14	PR	696-2824	$77.08
15	PR	696-2825	$77.08

Size	Unit	Stock #	PRICE
MB926B Plain Toe, 16" Height			
6	PR	696-2826	$71.79
7	PR	696-2827	$71.79
8	PR	696-2828	$71.79
9	PR	696-2829	$71.79
10	PR	696-2830	$71.79
11	PR	696-2831	$71.79
12	PR	696-2832	$71.79
13	PR	696-2833	$71.79
MB921B Steel Toe, 16" Height			
6	PR	696-2506	$78.53
7	PR	696-2507	$78.53
8	PR	696-2508	$78.53
9	PR	696-2509	$78.53
10	PR	696-2510	$78.53
11	PR	696-2511	$78.53
12	PR	696-2512	$78.53
13	PR	696-2513	$78.53
14	PR	696-2514	$78.53
15	PR	696-2515	$78.53

TINGLEY A TRADITION SINCE 1896

Neoprene Steel Toe Boots with Safety Loc Soles

Made with a multi-ply manufacturing method. Every boot is dipped with a neoprene coating and sealant, so the foot is surrounded by a layer of 100% waterproof and chemical resistant neoprene for optimum protection and extraordinary comfort. Safety-Loc outsole for slip resistance on wet-clean surfaces. Neoprene will outwear standard rubber boots in solvents, caustics, hydrocarbons, oils, fats and acids. Removable polyurethane contour cushion insoles for maximum comfort. Dense fabric liner for easy on and off also wicks moisture and condensation. Brick-red upper, tan sole. Safety-toe meets ASTM F2413 M/I/75/C/75 EH for steel toe caps and Electrical Hazard protection.

Size	Unit	Stock #	PRICE
MB924B Steel Toe, 12-1/2" Height			
6	PR	696-2706	$71.44
7	PR	696-2707	$71.44
8	PR	696-2708	$71.44
9	PR	696-2709	$71.44
10	PR	696-2710	$71.44
11	PR	696-2711	$71.44
12	PR	696-2712	$71.44
13	PR	696-2713	$71.44
14	PR	696-2714	$71.44
15	PR	696-2715	$71.44

TINGLEY A TRADITION SINCE 1896

Prices subject to change.

Steplite® X Powered by Bekina® PU Boots

TINGLEY
steplite X   Powered by **Bekina® Boots**

Made from high quality, chemical-resistant polyurethane (PU) for exceptional durability and comfort. Up to 30% lighter than most PVC and rubber knee boots, yet will last up to three times longer. A full-length sock liner, flexible upper, and removable contour insole delivers exceptional comfort. The cleated, multi-purpose outsole provides excellent slip resistance on dry, wet-clean, and wet-contaminated surfaces. Choose from a plain toe or steel toe. Available in three colors to meet your color-coded requirements.

Features:
- Seamless polyurethane construction is 100% liquid proof.
- 15″ knee boot with 12″ cutline for customizable boot height.
- Exceptional resistance to fats and oils.
- Abrasion resistant for long life.
- Self-insulating keeps feet warmer in the cold and cooler in the heat.
- Meets ASTM F2413 M I/75 C/75. Yellow boot is also EH Rated.

Size	Unit	Stock #	PRICE	Size	Unit	Stock #	PRICE	Size	Unit	Stock #	PRICE
77258 Steel Toe, White/Blue, 15″ Height				*77253 Steel Toe, Yellow/Navy, 15″ Height*				*77152 Plain Toe, Green/Beige, 15″ Height*			
4	PR	697-3222	$85.68	4	PR	697-3211	$85.68	4	PR	697-3200	$83.87
5	PR	697-3223	$85.68	5	PR	697-3212	$85.68	5	PR	697-3201	$83.87
6	PR	697-3224	$85.68	6	PR	697-3213	$85.68	6	PR	697-3202	$83.87
7	PR	697-3225	$85.68	7	PR	697-3214	$85.68	7	PR	697-3203	$83.87
8	PR	697-3226	$85.68	8	PR	697-3215	$85.68	8	PR	697-3204	$83.87
9	PR	697-3227	$85.68	9	PR	697-3216	$85.68	9	PR	697-3205	$83.87
10	PR	697-3228	$85.68	10	PR	697-3217	$85.68	10	PR	697-3206	$83.87
11	PR	697-3229	$85.68	11	PR	697-3218	$85.68	11	PR	697-3207	$83.87
12	PR	697-3230	$85.68	12	PR	697-3219	$85.68	12	PR	697-3208	$83.87
13	PR	697-3231	$85.68	13	PR	697-3220	$85.68	13	PR	697-3209	$83.87
14	PR	697-3232	$85.68	14	PR	697-3221	$85.68	14	PR	697-3210	$83.87

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Oustanding Service.

Industry Expertise.

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Call Customer Service at 800-826-8302

BOOTS

Dunlop® FoodPro Purofort® Safety Boots

Introducing the next generation of Purofort boots designed for the Food Processing Industry. These polyurethane steel toe boots feature all the benefits of Purofort technology, in addition to a MultiGrip outsole that can be used in a multitude of varying slip environments; mainly the semi-solid contaminated areas. Additionally the outsole of the MultiGrip is extra dirt-repellent. The FoodPro has been developed in such a way that it stays clean even longer. The surface of the shaft and the design of the boot are extra smooth, making the boot easier to clean. By ensuring that boots are easy to clean the risk of contamination can be brought to a minimum and making FoodPro more hygienic.

Size	Unit	Stock #	PRICE
Steel Toe, White, 15" Height			
3	PR	375-8203	$110.67
4	PR	375-8204	$110.67
5	PR	375-8205	$110.67
6	PR	375-8206	$110.67
7	PR	375-8207	$110.67
8	PR	375-8208	$110.67
9	PR	375-8209	$110.67
10	PR	375-8210	$110.67
11	PR	375-8211	$110.67
12	PR	375-8212	$110.67
13	PR	375-8213	$110.67
14	PR	375-8214	$110.67
15	PR	375-8215	$110.67
16	PR	375-8216	$110.67
Steel Toe, Yellow, 15" Height			
3	PR	375-8103	$110.67
4	PR	375-8104	$110.67
5	PR	375-8105	$110.67
6	PR	375-8106	$110.67
7	PR	375-8107	$110.67
8	PR	375-8108	$110.67
9	PR	375-8109	$110.67
10	PR	375-8110	$110.67
11	PR	375-8111	$110.67
12	PR	375-8112	$110.67
13	PR	375-8113	$110.67
14	PR	375-8114	$110.67
15	PR	375-8115	$110.67
16	PR	375-8116	$110.67

Size	Unit	Stock #	PRICE
Steel Toe, Blue, 15" Height			
3	PR	375-8303	$110.67
4	PR	375-8304	$110.67
5	PR	375-8305	$110.67
6	PR	375-8306	$110.67
7	PR	375-8307	$110.67
8	PR	375-8308	$110.67
9	PR	375-8309	$110.67
10	PR	375-8310	$110.67
11	PR	375-8311	$110.67
12	PR	375-8312	$110.67
13	PR	375-8313	$110.67
14	PR	375-8314	$110.67
15	PR	375-8315	$110.67
16	PR	375-8316	$110.67
Steel Toe, Green, 15" Height			
3	PR	375-8003	$110.67
4	PR	375-8004	$110.67
5	PR	375-8005	$110.67
6	PR	375-8006	$110.67
7	PR	375-8007	$110.67
8	PR	375-8008	$110.67
9	PR	375-8009	$110.67
10	PR	375-8010	$110.67
11	PR	375-8011	$110.67
12	PR	375-8012	$110.67
13	PR	375-8013	$110.67
14	PR	375-8014	$110.67
15	PR	375-8015	$110.67
16	PR	375-8016	$110.67

Prices subject to change.

Flite™ Safety Toe Knee Boots

A revolution in protective footwear - made from EVA material, these boots are 40% lighter compared to most steel toe PVC and rubber knee boots, making them anti-fatigue for wearers. The durable, seamless upper is 100% liquid proof, while the slip-resistant, nitrile rubber outsole spits out debris and provides superior grip on dry, wet, and contaminated surfaces. Features a 15" height with Calf-Relief Topline (CRT™) for roomier calf space and easier on/off, a beveled heel for reduced back and leg strain, and tread wear indicators to show when half the tread has worn away. Superior chemical resistance to fats, oils, hydrocarbons, certain acids, and caustics make Flite™ an excellent choice for food processing and chemical applications. Available with a Chevron-Plus® Outsole for slip resistance on wet-contaminated surfaces, or with a Cleated Outsole for grip on indoor and outdoor surfaces. Composite safety toe meets ASTM F2413 M I/75 C/75 EH and will not set off metal detectors.

Size	Unit	Stock #	PRICE
27251, Blue Upper - Red Chevron-Plus Outsole, 15" Height			
4	PR	696-2304	$62.15
5	PR	696-2305	$62.15
6	PR	696-2306	$62.15
7	PR	696-2307	$62.15
8	PR	696-2308	$62.15
9	PR	696-2309	$62.15
10	PR	696-2310	$62.15
11	PR	696-2311	$62.15
12	PR	696-2312	$62.15
13	PR	696-2313	$62.15
14	PR	696-2314	$62.15
15	PR	696-2315	$62.15
26256 Black Upper - Black Cleated Outsole, 15" Height			
4	PR	696-2404	$62.15
5	PR	696-2405	$62.15
6	PR	696-2406	$62.15
7	PR	696-2407	$62.15
8	PR	696-2408	$62.15
9	PR	696-2409	$62.15
10	PR	696-2410	$62.15
11	PR	696-2411	$62.15
12	PR	696-2412	$62.15
13	PR	696-2413	$62.15
14	PR	696-2414	$62.15
15	PR	696-2415	$62.15

Commander Boots by Billy Boots

Extremely lightweight, waterproof and built for comfort - these boots are made with EVA compound, making them both recyclable and eco-friendly! Durable construction with slip-resistant, self-cleaning lug sole. Leather loop tab and elastic back for easy pull-on. 9". Brown. Made in the U.S.A. Composite safety toe meets ASTM F2413-05.

Size	Unit	Stock #	PRICE
4	PR	411-4004	$81.47
5	PR	411-4005	$81.47
6	PR	411-4006	$81.47
7	PR	411-4007	$81.47
8	PR	411-4008	$81.47
9	PR	411-4009	$81.47
10	PR	411-4010	$81.47
11	PR	411-4011	$81.47
12	PR	411-4012	$81.47
13	PR	411-4013	$81.47
14	PR	411-4014	$81.47

PolyMax Ultra Boots

Specifically designed to provide a very high degree of chemical resistance - perfect for food processing industries.

Features:
- Injection molded seamless construction.
- Extra outside ankle protection.
- Heel and toe bumpers.
- 16" height with cut off band for adjustment.
- Kick off lug for easy on and off.
- Abrasion resistant Ultragrip Sipe outsole for extended wear.
- White.
- Made in the USA.
- Steel toe complies with ASTM F2413-05.

Size	Unit	Stock #	PRICE
81076, Steel Toe, 16" Height			
6	PR	379-2126	$73.53
7	PR	379-2127	$73.53
8	PR	379-2128	$73.53
9	PR	379-2129	$73.53
10	PR	379-2130	$73.53
11	PR	379-2131	$73.53
12	PR	379-2132	$73.53
13	PR	379-2133	$73.53
14	PR	379-2118	$73.53
15	PR	379-2162	$73.53

Call Customer Service at 800-826-8302

BOOTS

Tingley Premier™ Knee Boot with Chevron-Plus® Sole

Tough, yet extremely comfortable. The Premier's unique blend of high molecular weight PVC resins and specialty additives offers superior chemical resistance to concentrates of fats, certain acids, hydrocarbon, caustics, and other chemicals. The Chevron Plus outsole provides excellent slip performance on wet contaminated and wet clean surfaces. Soft and flexible upper material for all day working comfort. Brick red with beige sole. 15″ height with 12″ cut-off line. Safety-toe meets ASTM F2413 M/I/75/C/75 EH for steel toe caps and Electrical Hazard protection.

Size	Unit	Stock #	PRICE
93245 Steel Toe, 15″ Height			
3	PR	697-9603	$40.48
4	PR	697-9604	$40.48
5	PR	697-9605	$40.48
6	PR	697-9606	$40.48
7	PR	697-9607	$40.48
8	PR	697-9608	$40.48
9	PR	697-9609	$40.48
10	PR	697-9610	$40.48
11	PR	697-9611	$40.48
12	PR	697-9612	$40.48
13	PR	697-9613	$40.48
14	PR	697-9614	$40.48

SERVUS® PRO® Knee Boot

Seamless, PVC, 3-stage injection molded construction is 100% waterproof to keep workers' feet comfortable and dry. Removable FOOT FORM contour cushion insoles provide support and wick away moisture to keep workers' feet dry. Steel shank is longer, larger, and positioned for optimal support to help prevent foot pain when standing all day. TDT self-cleaning outsole is formulated for long wear and slip resistance. Boot heights are graduated and proportional to sizing to ensure comfort and prevent chafing when walking. 75101 meets ASTM F2413-11 M I/75 C/75.

Size	Unit	Stock #	PRICE		Size	Unit	Stock #	PRICE
75101 Steel Toe, gray w/ yellow/black sole, 15″ Height					*75102 Plain Toe, gray w/ red/black sole, 15″ Height*			
5	PR	525-5005	$41.73		5	PR	525-5105	$39.85
6	PR	525-5006	$41.73		6	PR	525-5106	$39.85
7	PR	525-5007	$41.73		7	PR	525-5107	$39.85
8	PR	525-5008	$41.73		8	PR	525-5108	$39.85
9	PR	525-5009	$41.73		9	PR	525-5109	$39.85
10	PR	525-5010	$41.73		10	PR	525-5110	$39.85
11	PR	525-5011	$41.73		11	PR	525-5111	$39.85
12	PR	525-5012	$41.73		12	PR	525-5112	$39.85
13	PR	525-5013	$41.73		13	PR	525-5113	$39.85
14	PR	525-5014	$41.73		14	PR	525-5114	$39.85
15	PR	525-5015	$41.73		15	PR	525-5115	$39.85

Prices subject to change.

SERVUS® XTP™ Xtra Traction Performance Boots

Honeywell
SERVUS

Engineered with reinforced construction and an organic chemical resistant formulation to provide superior protection in harsh environments. The seamless, 3-stage, PVC injection molded construction is 100% waterproof to keep feet comfortable and dry. Removable FOOT FORM contour cushion insoles provide support for comfort and wick away moisture to keep workers' feet dry. Extended steel shanks are thicker, longer and wider as well as curved and ribbed, to provide the best possible arch support for increased worker comfort. TDT - dual compound outsole is optimally designed to provide a durable exterior for tough abrasion resistance, and a softer interior for comfort and excellent traction to help prevent slips and falls.
75109 meets ASTM F2413-11 M I/75 C/75.

Size	Unit	Stock #	PRICE
75109 Steel Toe, black w/ yellow/gray sole, 15″ Height			
3	PR	525-5323	$33.08
4	PR	525-5324	$33.08
5	PR	525-5325	$33.08
6	PR	525-5326	$33.08
7	PR	525-5327	$33.08
8	PR	525-5328	$33.08
9	PR	525-5329	$33.08
10	PR	525-5330	$33.08
11	PR	525-5331	$33.08
12	PR	525-5332	$33.08
13	PR	525-5333	$33.08
14	PR	525-5334	$33.08
15	PR	525-5335	$33.08
75108 Plain Toe, black w/ red/gray sole, 15″ Height			
3	PR	525-5343	$31.20
4	PR	525-5344	$31.20
5	PR	525-5345	$31.20
6	PR	525-5346	$31.20
7	PR	525-5347	$31.20
8	PR	525-5348	$31.20
9	PR	525-5349	$31.20
10	PR	525-5350	$31.20
11	PR	525-5351	$31.20
12	PR	525-5352	$31.20
13	PR	525-5353	$31.20
14	PR	525-5354	$31.20
15	PR	525-5355	$31.20

Onguard White PVC Boots

Provide mild chemical resistance in food processing environments with these kneeboots, designed to help comply with HACCP guidelines. Safety-Loc soles provide good slip resistance in wet environments. Steel toe complies with ASTM F2413-05. Plain toe style available. Made in the USA.

Size	Unit	Stock #	PRICE
81012 Steel Toe, 16″ Height w/12″ cutoff line			
6	PR	379-2106	$24.85
7	PR	379-2107	$24.85
8	PR	379-2108	$24.85
9	PR	379-2109	$24.85
10	PR	379-2110	$24.85
11	PR	379-2111	$24.85
12	PR	379-2112	$24.85
13	PR	379-2113	$24.85

ONGUARD INDUSTRIES

Onguard FLEX 3™ Boots

Polyblend PVC compound with nitrile provides excellent resistance to the oils, chemicals, and fats found in the food industry. The Power-Lug™ outsole provides long-lasting abrasion resistance for better wear and cushioning for indoor traction. 16″ height with 12″ cutoff line. Black uppe with gray/yellow sole. Choose plain or steel toe. Steel toe meets ASTM F2413-05. Made in the USA.

Size	Unit	Stock #	PRICE
89908 Steel Toe			
5	PR	380-7085	$37.66
6	PR	380-7086	$37.66
7	PR	380-7087	$37.66
8	PR	380-7088	$37.66
9	PR	380-7089	$37.66
10	PR	380-7090	$37.66
11	PR	380-7091	$37.66
12	PR	380-7092	$37.66
13	PR	380-7093	$37.66
14	PR	380-7094	$37.66
15	PR	380-7009	$37.66
89904 Plain Toe			
5	PR	380-7205	$34.86
6	PR	380-7096	$34.86
7	PR	380-7097	$34.86
8	PR	380-7098	$34.86
9	PR	380-7099	$34.86
10	PR	380-7100	$34.86
11	PR	380-7101	$34.86
12	PR	380-7102	$34.86
13	PR	380-7103	$34.86
14	PR	380-7104	$34.86
15	PR	380-7010	$34.86

ONGUARD INDUSTRIES

Call Customer Service at 800-826-8302

BOOTS

Onguard Sureflex Steel Toe Boots

Comfortable and durable boots with a supple PVC compound, great for food plant employees. Soft Safety-Loc sole provides a sure grip on slippery, wet surfaces. Chemical resistant, gray upper with orange sole. Steel toe meets ASTM F2413-05. Made in the USA.

Size	Unit	Stock #	PRICE
87982 Steel Toe, 16" Height			
5	PR	380-2545	**$40.56**
6	PR	380-2546	**$40.56**
7	PR	380-2547	**$40.56**
8	PR	380-2548	**$40.56**
9	PR	380-2549	**$40.56**
10	PR	380-2550	**$40.56**
11	PR	380-2551	**$40.56**
12	PR	380-2552	**$40.56**
13	PR	380-2553	**$40.56**
14	PR	380-2554	**$40.56**

Economy PVC Knee Boot

Affordable all day comfort when working in wet, muddy conditions. These 15" high knee boots feature a plain toe, injection molded construction for 100% waterproof protection, good abrasion resistance, and a self-cleaning cleated outsole that spits out debris as you walk. The removable EVA cushion insole wicks perspiration to help keep feet dry and comfortable, while the flexible upper material stays supple in cold temperatures to make walking easier. Black.

Size	Unit	Stock #	PRICE
31151 Plain Toe, 15" Height			
4	PR	697-3004	**$12.09**
5	PR	697-3005	**$12.09**
6	PR	697-3006	**$12.09**
7	PR	697-3007	**$12.09**
8	PR	697-3008	**$12.09**
9	PR	697-3009	**$12.09**
10	PR	697-3010	**$12.09**
11	PR	697-3011	**$12.09**
12	PR	697-3012	**$12.09**
13	PR	697-3013	**$12.09**
14	PR	697-3014	**$12.09**

Tingley General Purpose PVC Knee Boots

This boot provides 100% waterproof protection at an amazingly economical price! Upper is 30% recycled material. Good chemical and abrasion resistance as needed in the food processing environment. Cleated sole. Black. 15" height. Steel toe meets ASTM F24130-11 M/I/75/C/75.

Size	Unit	Stock #	PRICE
31251 Steel Toe, 15" Height w/12" cutoff line			
4	PR	696-2344	**$13.81**
5	PR	696-2345	**$13.81**
6	PR	696-2346	**$13.81**
7	PR	696-2347	**$13.81**
8	PR	696-2348	**$13.81**
9	PR	696-2349	**$13.81**
10	PR	696-2350	**$13.81**
11	PR	696-2351	**$13.81**
12	PR	696-2352	**$13.81**
13	PR	696-2353	**$13.81**
14	PR	696-2354	**$13.81**

Prices subject to change.

SERVUS® CT™ Comfort Technology Knee Boots

Unique Trac10™ outsole pattern offers traction and durability. 100% waterproof, PVC injection-molded steel toe boots. Economy footwear offers a scalloped top-line design for comfort, and a 16″ height. Molded contour heelcup and removable FOOT FORM contour cushion insole for support.
Meets ASTM F2413-11 M I/75 C/75. Made in the USA.

Size	Unit	Stock #	PRICE
18835 Steel Toe, Yellow, 16″ Height			
3	PR	525-5216	$16.92
4	PR	525-5217	$16.91
5	PR	525-5218	$16.92
6	PR	525-5219	$16.92
7	PR	525-5220	$16.92
8	PR	525-5221	$16.92
9	PR	525-5222	$16.92
10	PR	525-5223	$16.92
11	PR	525-5224	$16.92
12	PR	525-5225	$16.92
13	PR	525-5226	$16.92
14	PR	525-5227	$16.92
15	PR	525-5228	$16.92
18821 Steel Toe, Black, 16″ Height			
3	PR	525-5203	$16.20
4	PR	525-5204	$16.20
5	PR	525-5205	$16.20
6	PR	525-5206	$16.20
7	PR	525-5207	$16.20
8	PR	525-5208	$16.20
9	PR	525-5209	$16.20
10	PR	525-5210	$16.20
11	PR	525-5211	$16.20
12	PR	525-5212	$16.20
13	PR	525-5213	$16.20
14	PR	525-5214	$16.20
15	PR	525-5215	$16.20

Honeywell
SERVUS

Monarch Economy Knee Boots

Durable yet economic foot protection designed for uses where chemical resistance is not a factor. Cleated outsole feature injected molded seamless constructions, a reinforced shank, and replaceable cushion insoles. Pull-up and kick off lugs for easy on and off. 16″ height. Black. 100% waterproof. Steel toe complies with ASTM F2413-05.

ONGUARD INDUSTRIES

Size	Unit	Stock #	PRICE
Steel Toe, 16″ Height			
4	PR	380-3004	$18.80
5	PR	380-3005	$18.80
6	PR	380-3006	$18.80
7	PR	380-3007	$18.80
8	PR	380-3008	$18.80
9	PR	380-3009	$18.80
10	PR	380-3010	$18.80
11	PR	380-3011	$18.80
12	PR	380-3012	$18.80
13	PR	380-3013	$18.80
Plain Toe, 16″ Height			
4	PR	380-2404	$16.09
5	PR	380-2405	$16.09
6	PR	380-2406	$16.09
7	PR	380-2407	$16.09
8	PR	380-2408	$16.09
9	PR	380-2409	$16.09
10	PR	380-2410	$16.09
11	PR	380-2411	$16.09
12	PR	380-2412	$16.09
13	PR	380-2413	$16.09

Muck Chore Pro Cool™ Boots

All-temperature safety toe work boot that keeps you comfortable from sub-freezing to 95°F. Full rubber coverage provides protection for neoprene lining against scratches, salts, minerals and oils. XpressCool™ lining material keeps your feet cool and dry in warm weather and comfortable in the cold. Triple reinforced toe area. Vibram® outsole for improved durability and performance. 100% waterproof, lightweight and flexible. Black.
Meets ASTM F2413-11 M I/75 C/75 EH. 16″.

Size	Unit	Stock #	PRICE
5	PR	526-7505	$131.54
6	PR	526-7506	$131.54
7	PR	526-7507	$131.54
8	PR	526-7508	$131.54
9	PR	526-7509	$131.54
10	PR	526-7510	$131.54
11	PR	526-7511	$131.54
12	PR	526-7512	$131.54
13	PR	526-7513	$131.54
14	PR	526-7514	$131.54

The Original **MUCK** BOOT COMPANY

Call Customer Service at 800-826-8302

SHOEBOOTS

Onguard Polyblend 6″ Shoeboots

This polyurethane and PVC blend is designed for use where moderate chemical resistance is required. Non-slip, self-cleaning cleated sole. Plain toe, 6″ lace-up shoeboot. Made in the USA.

Size	Unit	Stock #	PRICE
86103 Plain toe, 6″ Height			
6	PR	380-2506	$26.42
7	PR	380-2507	$26.42
8	PR	380-2508	$26.42
9	PR	380-2509	$26.42
10	PR	380-2510	$26.42
11	PR	380-2511	$26.42
12	PR	380-2512	$26.42
13	PR	380-2513	$26.42

SERVUS® Iron Duke® Shoeboots

Ensure workers' feet are dry and comfortable with this 100% waterproof, 6″ seamless, PVC injection molded shoe boot. Reinforced construction at critical stress points provides a durable, long wearing boot. Deep angle cleated sole and heel help to grip slick surfaces, preventing slips and falls. Black. Meets F2413-11 M I/75 C/75.

Size	Unit	Stock #	PRICE
73104 Steel Toe, 6″ Height			
6	PR	525-5606	$27.82
7	PR	525-5607	$27.82
8	PR	525-5608	$27.82
9	PR	525-5609	$27.82
10	PR	525-5610	$27.82
11	PR	525-5611	$27.82
12	PR	525-5612	$27.82
13	PR	525-5613	$27.82

Onguard Sureflex Steel Toe Shoeboots

Comfortable and durable boots with a supple PVC compound, great for food plant employees. Soft Safety-Loc sole provides a sure grip on slippery, wet surfaces. Chemical resistant, gray upper with orange sole on a 6″ lace-up shoeboot. Steel toe meets ASTM F2413-05. Made in the USA.

Size	Unit	Stock #	PRICE
87981 Steel Toe, 6″ Height			
6	PR	380-7046	$33.69
7	PR	380-7047	$33.69
8	PR	380-7048	$33.69
9	PR	380-7049	$33.69
10	PR	380-7050	$33.69
11	PR	380-7051	$33.69
12	PR	380-7052	$33.69
13	PR	380-7053	$33.69

Boot Rack

Extend the life of your boots with this handy wall mount rack. Storing boots upside-down prevents loss of shape and aids in drying after sanitation. Holds 4 pair. PVC-coated for chemical exposure. Screws included, mounts 16″ on center. Rack measures 4.5″H x 32.25″W x 10.5″D.

Unit	Stock #	PRICE
EA	081-2130	$35.38

Prices subject to change.

MEGAComfort Personal Anti-Fatigue Mat™ Insoles

An ergonomic solution for any individual standing or walking more than four hours a day on any hard surface. MEGAComfort Personal Anti-Fatigue Mat (PAM) insoles are a sensible alternative to standard anti-fatigue matting or for areas that cannot have floor mats. Since these insoles are in direct contact with the feet they are far more effective at reducing muscle strain, improving balance reactions, and increasing blood circulation. Features dual layered memory foam technology that compresses for safe clearance in steel toe footwear, and an anti-fungal, anti-bacterial, anti-persipiration odor reducing scent. Machine washable for extended use.

Size	Unit	Stock #	PRICE
Men's 6-7/Women's 8-9	PR	526-5306	$22.11
Men's 8-9/Women's 10-11	PR	526-5307	$22.11
Men's 10-11/Women's 12-13	PR	526-5308	$22.11
Men's 12-13	PR	526-5309	$22.11
Men's 14-15	PR	526-5310	$22.11
Women's 5-7	PR	526-5311	$22.11

Tingley Contour Insoles

This multi-layer insole comfortably cushions shocks and absorbs 3 times its weight in moisture. Polypropylene top layer absorbs perspiration; open-cell polyurethane in the middle provides breathability and support; and polyethylene bottom layer conforms to the foot for secure placement.

Size	Fits Men's Sizes	Fits Women's Sizes	Unit	Stock #	PRICE
S	3 to 5	5 to 7	PR	696-2105	$6.54
M	6 to 8	8 to 10	PR	696-2110	$6.54
L	9 to 11	11 to 12	PR	696-2115	$6.54
XL	12 to 13	-	PR	696-2120	$6.54

SERVUS® Breathe-O-Prene® Replacement Insoles

Breathe-O-Prene® open cell technology wicks away moisture for dryer, more comfortable feet. Excellent added shock absorption for support and comfort for workers on their feet all day. Easily washable to reduce bacterial contamination.

Size	Unit	Stock #	PRICE
3	PR	526-8803	$8.22
4	PR	526-8804	$8.22
5	PR	526-8805	$8.22
6	PR	526-8806	$8.22
7	PR	526-8807	$8.22
8	PR	526-8808	$8.22
9	PR	526-8809	$8.22
10	PR	526-8810	$8.22
11	PR	526-8811	$8.22
12	PR	526-8812	$8.22
13	PR	526-8813	$8.22
14	PR	526-8814	$8.22
15	PR	526-8815	$8.22

Spenco® PolySorb® Heavy Duty Insoles

Occupational insoles provide maximum shock absorption. Made with a special heel strike cushion and forefoot pad. Green/Yellow.

Size Code	Fits Men's Sizes	Fits Women's Sizes	Unit	Stock #	PRICE
1	-	5 to 6	PR	192-2021	$19.99
2	6 to 7	7 to 8	PR	192-2022	$19.99
3	8 to 9	9 to 10	PR	192-2023	$19.99
4	10 to 11	11 to 12	PR	192-2024	$19.99
5	12 to 13	-	PR	192-2025	$19.99
6	14 to 15	-	PR	192-2026	$19.99

Spenco RX® Orthotic Arch Supports

Firm, adjustable arch support helps control, stabilize and balance the foot. Heat moldable for a custom fit. SpenCore® layer absorbs shock and reduces friction. Ideal for standing or working on hard surfaces. Full length. Green.

Size Code	Fits Men's Sizes	Fits Women's Sizes	Unit	Stock #	PRICE
1	-	5 to 6	PR	192-2741	$34.99
2	6 to 7	7 to 8	PR	192-2742	$34.99
3	8 to 9	9 to 10	PR	192-2743	$34.99
4	10 to 11	11 to 12	PR	192-2744	$34.99
5	12 to 13	-	PR	192-2745	$34.99

Call Customer Service at 800-826-8302

OVERSHOES

Tingley Workbrutes® Hi-Top Overshoes

Injection-molded with thicker cleats to provide better traction and longer wear make these overshoes popular. Ideal for food processing, general industry and transportation. The PVC compound is formulated for high stretch and cold weather flexibility. Ankle-high style in 2 colors.

TINGLEY
A TRADITION SINCE 1896

Size	Fits Men's Sizes	Unit	Stock #	PRICE
35111 Black Overshoe				
XS	5 to 6.5	PR	696-2905	$13.44
S	6.5 to 8	PR	696-2910	$13.44
M	8 to 9.5	PR	696-2915	$13.44
L	9.5 to 11	PR	696-2920	$13.44
XL	11 to 13	PR	696-2925	$13.44
2XL	13 to 15	PR	696-2926	$13.44
35113 Yellow Overshoe				
XS	5 to 6.5	PR	696-7025	$13.79
S	6.5 to 8	PR	696-7026	$13.79
M	8 to 9.5	PR	696-7027	$13.79
L	9.5 to 11	PR	696-7016	$13.79
XL	11 to 13	PR	696-7017	$13.79
2XL	13 to 15	PR	696-7018	$13.79

PVC Overshoes

ONGUARD INDUSTRIES

Premium overshoe protection with heavy Flex-O-Thane PVC construction for added durability. The 4-way cleated outsole is self cleaning with maximum slip resistance. Features injected molded seamless construction, excellent cold weather flexibility, and kick off lug for easy on and off. Fits over most work shoes. 4"H.

Size	Fits Men's Shoe Size	Unit	Stock #	PRICE
Yellow				
XS	4-5	PR	380-3017	$16.19
S	6-7	PR	380-3018	$16.19
M	8-9	PR	380-3019	$16.19
L	10-11	PR	380-3020	$16.19
XL	12-13	PR	380-3021	$16.19
2XL	14-15	PR	380-3022	$16.19
Black				
M	8-9	PR	379-2122	$16.19
L	10-11	PR	379-2123	$16.19
XL	12-13	PR	379-2124	$16.19
2XL	14-15	PR	379-2125	$16.19

SERVUS® SF™ SuperFit Overboots

Designed with more room to protect today's bulkier footwear styles. Dual compounding allows a stretchable upper to be molded to a high abrasion and slip resistant outsole. Buttons are molded to eliminate seams and provide waterproof protection. Closure loops are tabbed to allow for easy, one hand closure, even when wearing gloves. Black with yellow wide grip sole.

Honeywell
SERVUS

Size	Fits Men's Sizes	Unit	Stock #	PRICE
11003 4" Overboot Style				
S	6 to 8	PR	526-8700	$18.17
M	9 to 10	PR	526-8701	$18.17
L	11 to 13	PR	526-8702	$18.17
XL	14 to 15	PR	526-8703	$18.17
11001 12" Overboot Style				
S	6 to 8	PR	526-8720	$21.63
M	9 to 10	PR	526-8721	$21.63
L	11 to 13	PR	526-8722	$21.63
XL	14 to 15	PR	526-8723	$21.63

Tingley Workbrutes® Steel Toe Overshoe

TINGLEY
A TRADITION SINCE 1896

Tingley Rubber has produced the industry's first injection-molded PVC steel toe overshoe. 100% waterproof seamless construction protects shoes from damage caused by chemicals and contaminants found in food processing facilities. Cleated outsole spits out debris, providing excellent slip resistance. Molded-in oversized toe cap accommodates most shoe styles. Shoe styles with thicker soles may need to move up one size. Black with yellow sole. Molded-in oversized toe cap accommodates most shoe styles and exceeds ASTM F2413-05 M/I/75/C/75.

Size	Fits Men's Sizes	Fits Women's Sizes	Unit	Stock #	PRICE
35211 Steel Toe					
XS	4 to 5	5 to 7	PR	696-2929	$28.19
S	6 to 8	8 to 10	PR	696-2930	$28.19
M	8 to 10	10 to 11	PR	696-2931	$28.19
L	10 to 12	--	PR	696-2932	$28.19
XL	12 to 14	--	PR	696-2933	$28.19

Prices subject to change.

Tingley Workbrutes® PVC Boots

All of the great traction and flexibility of the Workbrute Overshoes in a boot. Molded-in buttons and 2 button holes for better fit. Choose a 10" boot or 14" kneeboot style.

Size	Fits Men's Sizes	Unit	Stock #	PRICE
35121 Black 10" Height				
S	6.5 to 8	PR	696-2950	$16.90
M	8 to 9.5	PR	696-2955	$16.90
L	9.5 to 11	PR	696-2960	$16.90
XL	11 to 13	PR	696-2965	$16.90
2XL	13 to 15	PR	696-2970	$16.90
35123 Yellow 10" Height				
S	6.5 to 8	PR	696-7007	$17.09
M	8 to 9.5	PR	696-7008	$17.09
L	9.5 to 11	PR	696-7009	$17.09
XL	11 to 13	PR	696-7010	$17.09
2XL	13 to 15	PR	696-2735	$17.09
35141 Black 14" Height				
S	6.5 to 8	PR	696-2734	$18.60
M	8 to 9.5	PR	696-2736	$18.60
L	9.5 to 11	PR	696-7262	$18.60
XL	11 to 13	PR	696-7263	$18.60
2XL	13 to 15	PR	696-7264	$18.60

TINGLEY A TRADITION SINCE 1896

Tingley Work Rubber Overshoes

Rubber offers excellent tensile strength, stretchability, and tear resistance. It won't crack or stiffen in even the coldest weather. Deep cleated outsole for good slip resistance and longer wear. Choose hi-top or a 10" overshoe with molded in button. Black.

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Size	Fits Men's Sizes	Unit	Stock #	PRICE
1300 Hi-top Overshoes				
S	6½ to 8	PR	696-7028	$17.72
M	8 to 9½	PR	696-7001	$17.72
L	9½ to 11	PR	696-7000	$17.72
XL	11 to 12½	PR	696-7029	$17.72
2XL	12½ to 14	PR	696-7011	$17.72
3XL	14 to 15½	PR	696-7039	$17.72
1400 10" Button Boots				
S	6½ to 8	PR	697-2732	$25.78
M	8 to 9½	PR	697-2731	$25.78
L	9½ to 11	PR	696-7024	$25.78
XL	11 to 12½	PR	696-7002	$25.78
2XL	12½ to 14	PR	696-2730	$25.78
3XL	14 to 15½	PR	696-2731	$25.78

NEOS™ Processing™ Overshoes

Heavy-duty thermos-plastic upper is easily sanitized and is 100% waterproof to keep workers' feet dry. Polyurethane outsole and open tread design are lightweight to prevent foot and leg fatigue. Unique strap system provides a secure fit to prevent boot from slipping and causing a trip hazard. Wide, easily opened gusset provides ease in putting on or taking off overshoes. 12" height. Blue. IT12ST17 meets ASTM F2412-11 M I/75 C75.

Honeywell SERVUS

Size	Fits Men's Sizes	Unit	Stock #	PRICE
IT12PT17 Plain Toe, 12" Height				
XS	3 to 4½	PR	521-2100	$78.95
S	5 to 7	PR	521-2105	$78.95
M	7½ to 9	PR	521-2110	$78.95
L	9½ to 11	PR	521-2115	$78.95
XL	11½ to 13	PR	521-2120	$78.95
2XL	13½ to 15	PR	521-2125	$78.95
3XL	15½ to 16	PR	521-2155	$78.95
IT12ST17 Steel Toe, Height				
XS	3 to 4½	PR	521-2095	$89.48
S	5 to 7	PR	521-2130	$89.48
M	7½ to 9	PR	521-2135	$89.48
L	9½ to 11	PR	521-2140	$89.48
XL	11½ to 13	PR	521-2145	$89.48
2XL	13½ to 15	PR	521-2150	$89.48
3XL	15½ to 16	PR	521-2160	$89.48

TURBOTOE Steel Toe Cap Overshoes

Protects the toe area from accidental impact, crushing, or stubbing. Made of flexible, pliable PVC. The TURBOTOE features treads under the sole to prevent slipping and help liquid flow away from the foot. Ideal for any working environment that carries a risk of toe damage or has a steel toe cap requirement. 100% waterproof, will not harden, stiff or crack and can be comfortably worn over low-heel, dress and running shoes and most boots. Perfect for visitors, casual or temporary workers, management, clerical staff, and sales people. Steel toe cap meets Impact and Compression Resistance 75 lb. Rating per ASTM F2412-11/F2413-11. Toe is color coded to indicate size.

Size	Toe Color	Unit	Stock #	PRICE
XS	Grey	PR	655-1100	$25.10
S	White	PR	655-1105	$25.10
M	Yellow	PR	655-1110	$25.10
L	Red	PR	655-1115	$25.10
XL	Blue	PR	655-1120	$25.10
2XL	Green	PR	655-1125	$25.10
3XL	Black	PR	655-1130	$25.10

Call Customer Service at 800-826-8302

OVERSHOES

Yaktrax® Pro Footwear Traction Device

Walk and work on packed snow or ice with better traction and more confidence. Made with high-strength, abrasion resistant 1.4 mm steel coils and heavy-duty natural rubber. The Yaktrax Pro conforms to the shape of your footwear and stays on securely with the removable performance strap. Large heel tap makes on/off easy. Toe bridge secures fit. Can be worn in temperatures as low as -41°F.

Size	Fits Men's Sizes	Unit	Stock #	PRICE
S	5 to 8.5	PR	519-2001	$25.03
M	9 to 11	PR	519-2002	$25.03
L	11.5 to 13.5	PR	519-2003	$25.03
XL	14+	PR	519-2004	$25.03

SHOE COVERS

Boot Saver® Shoe Covers

Prevent cross contamination with these high-quality, disposable shoe covers. Made from natural rubber latex Boot Saver shoe covers are highly elastic and easily stretch over primary footwear. Resists a wide range of chemicals and fats, and provides a barrier from liquids and other contaminates. The textured outsole provides grip on both wet and dry surfaces, while the powder-free finish eliminates concerns about powder contamination. Choose from four colors to meet all your color-coding requirements. Available in sizes medium to 2XL to fit footwear sized 7 to 15. 100 pair/case.

Size	Unit	Stock #	PRICE
Red			
M	CA	696-1200	$172.20
L	CA	696-1201	$172.20
XL	CA	696-1002	$175.00
2XL	CA	696-1203	$219.60
Yellow			
M	CA	696-1000	$148.75
L	CA	696-1001	$148.75
2XL	CA	696-1003	$194.40
XL	CA	696-1202	$194.40
Blue			
M	CA	696-1100	$172.20
L	CA	696-1101	$172.20
XL	CA	696-1102	$194.40
2XL	CA	696-1103	$219.60
Black			
M	CA	696-1300	$172.20
L	CA	696-1301	$172.20
XL	CA	696-1302	$194.40
2XL	CA	696-1303	$219.60

The Safety Zone® Polyethylene Shoe Covers

Liquid resistant CPE cast polyethylene shoe covers help prevent spreading contamination in your sanitary facility. Heavy-duty textured polyethylene provides better traction on smooth, wet floors. Elastic top. Generous sizing. 50 pair/bag; 3 bags/case.

Color	Size	Unit	Stock #	PRICE
White	L	BG	360-2004	$7.21
White	XL	BG	360-2011	$7.30
Blue	XL	BG	360-2006	$7.30

Economy Non-Woven Polypropylene Shoe Covers

Non-woven polypropylene covers provide low-cost shoe protection in dry areas. Covers can also prevent contamination from outside sources being walked into your sanitary environment. Secure fitting elastic tops, with non-skid sole. White or blue. 150 pair/case.

Size	Unit	Stock #	PRICE
White			
Large	CA	358-7017	$24.36
XL	CA	358-7048	$24.36
Blue			
Large	CA	358-7001	$24.36
XL	CA	358-7019	$32.60

Prices subject to change.

KleenGuard* A10 Shoe Covers

Avoid contamination from visitor footwear in your facility with these lightweight, polypropylene shoe covers. Also protects clean footwear from dirt and nonhazardous dry particulates. Fully elasticized, low skid. Blue. 150 pair/case. One size fits most.

Unit	Stock #	PRICE
CA	371-2011	$60.86

3M™ 440 Protective Boot Cover

Disposable boot covers designed to provide basic barrier protection to help protect footwear against light liquid splashes and hazardous dusts. Universal size with ties to provide a good fit for a wide range of users. Elastic at the calf to provide closure around the top of the footwear for protection against contaminants. White. 100 pair/case.

Unit	Stock #	PRICE
CA	196-2730	$135.73

3M™ 450 Protective Boot Cover

Designed to provide basic barrier protection, these disposable boot covers help protect against light liquid splashes and hazardous dusts. Slip resistant sole to help improve user safety. Universal size with ties to provide a good fit for a wide range of users. Elastic calf to provide closure around the top of the footwear for protection against contaminants. White. 100 pair/case.

Unit	Stock #	PRICE
CA	196-2731	$228.89

KleenGuard* A40 Shoe & Boot Covers

Designed to provide an excellent liquid and particulate barrier. These white covers are made from a breathable, microporous film laminate. 200 pair/case.

Style	Size	Unit	Stock #	PRICE
Shoe Covers				
Fully elastic	Universal	CA	371-2010	$149.82
Fully elastic with vinyl sole	M/L	CA	371-2012	$305.88
Fully elastic with vinyl sole	XL/2XL	CA	371-2013	$305.88
Boot Covers				
Elastic top, 17″	Universal	CA	371-2015	$230.97
Elastic top, 18″ with vinyl sole	XL	CA	371-2016	$418.24

Clear Polyethylene Boot Covers w/ Tie Top

Heavy-duty disposable boots offer low-cost waterproof protection for food plants and farm visitors. Attached perforated ties hold them in place. Choose from 3 sizes. 50/box; 5 boxes/case. Clear.

Size	Dimensions	Unit	Stock #	PRICE
L	14½″ x 18″H	BX	364-2070	$20.48
XL	16″ x 20″H	BX	364-2071	$18.63
2XL	18½″ x 21″H	BX	364-2072	$19.86

TYVEK® Disposable Shoe Covers

Tough and water resistant. Tyvek is extremely durable and resists most chemicals found in food plants. Elastic tops keep them in place. 100% latex free and flame resistant. Made in the USA. White. 100 pair/case.

Dimensions	Size	Unit	Stock #	PRICE
15" x 6" H	Regular	CA	112-2230	$277.84
18" x 7" H	Large	CA	112-7016	$292.48

Call Customer Service at 800-826-8302

SHOE COVERS

Metal Detectable Shoe Cover

Entire shoe cover is detectable as it's made using Detectamet's unique metal and x-ray detectable polymer. Blue shoe cover measures 5.5″ x 15.75″L. 500 pair/case.

Unit	Stock #	PRICE
CA	364-7740	$154.65

Automatic Shoe Cover Dispenser

Now it is easier than ever to put on a pair of disposable shoe covers. No more dancing around on one foot. Just step into the heavy-duty unit and a fresh cover snaps over your footwear to provide a clean, dry surface with no contamination issues. Blue polyethylene shoe covers have elastic tops for a sure fit. Choose lightweight or textured heavy-duty shoe covers. Refill packs of 100 covers are easy to load as needed.

Description	Unit	Stock #	PRICE
Unit with 100 lightweight covers	EA	192-2003	$87.13
Refill pack of 100 lightweight covers	PK	192-2004	$11.02
Refill pack of 100 heavy-duty covers	PK	192-2005	$11.59

BootieButler® Automatic Shoe Cover Dispenser

Unique, sturdy design allows workers to put shoe covers on quickly, easily and safely. No longer will you find workers cutting corners and putting themselves at risk of falling by balancing precariously on one foot or leaning against a wall. Designed for moderate to high-volume areas where speed, safety and compliance are critical. The simple design allows booties to be applied hands-free and enables workers to enter facilities without dropping tools or touching dirty shoes.

306-1001   306-1008

Size	Refill Capacity	Unit	Stock #	PRICE
Small	One shoe cover refill bundle (up to 55 pair)	EA	306-1008	$253.38
Large	Two shoe cover refill bundles (up to 220 pair)	EA	306-1001	$465.09

BootieButler® Shoe Cover Refill - Blue Polyethylene

Constructed of virgin polyethylene (PE), this waterproof bootie is an ideal low-cost solution for light-duty applications. Strong elastic band around the ankle allows for comfortable fit. 55 pair/sleeve; 15 sleeves/case.

Size	Pkg	Unit	Stock #	PRICE
18.5″L x 6″H	55 pair/sleeve	SK	306-1009	$18.78

BootieButler® Shoe Cover Refill - Blue Polypropylene

Constructed of durable spunbond polypropylene material with non-skid, non-conductive sole. Skid-resistant pattern for improved friction and traction. Strong elastic band around the ankle allows for universal fit. 40 pair/sleeve; 15 sleeves/case.

Size	Pkg	Unit	Stock #	PRICE
18.5″L x 5.75″H	40 pair/sleeve	SK	306-1010	$19.93

BootieButler® Shoe Cover Refill - Blue CPE-Covered White PPE

Constructed of a durable spunbond polpropylene base-layer and coated with a heavy-duty layer of CPE. The waterproof CPE layer, extra-deep design and durable CPE coating make this bootie an ideal solution for users with large work boots. 35 pair/sleeve; 15 sleeves/case.

Size	Pkg	Unit	Stock #	PRICE
18.5″L x 6.5″H	35 pair/sleeve	SK	306-1011	$23.43

Bootie Butler® Shoe Cover Refill - Super Bootie

Completely waterproof and extra durable. Constructed of spunbond polypropylene material with non-skid, non-conductive soles. Super anti-skid coating provides the ultimate in friction and traction. Strong elastic band around the ankle allows for a comfortable fit. Approved for Class 100 & Class 5 Cleanroom use per Federal Standard 209E and ISO STD. 14664-1 Class S. 40 pair/sleeve; 15 sleeves/case.
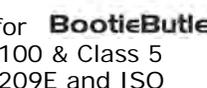
Size	Pkg	Unit	Stock #	PRICE
17″L x 5.5″H	40 pair/sleeve	SK	306-1012	$25.19

Prices subject to change.

3M™ E-A-R™ Classic™ Earplugs

Earplugs that set the standard in hearing protection as the world's first foam earplug. Constructed from slow-recovery, low pressure foam that conforms to the shape of the ear canal for enhanced comfort and wearability. These disposable earplugs are uniquely moisture and flame resistant. NRR 29dB. 200 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2015	$51.38
Uncorded	BX	196-2005	$28.41

3M™ E-A-R™ TaperFit™ 2 Earplugs

Provides comfortable, individualized fit and excellent attenuation. Its smooth and soft polyurethane foam expands in the ear canal to help provide comfortable hearing protection. Corded. NRR 32dB. 200 pair box; 10 boxes/case.

Size	Unit	Stock #	PRICE
Large	BX	196-2026	$57.73
Regular	BX	196-2025	$54.15

3M™ E-A-R™ Classic™ Soft™ Earplugs

Made of proprietary thermal-reactive foam. The plugs start out firm for easy fitting then soften from body heat for a comfortable fit. Classic cylindrical shape. Poly bag keeps each pair of earplugs clean before use. One size comfortably fits most ear canals. Yellow plugs with or without blue poly cord. NRR 31dB. 200 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2092	$71.57
Uncorded	BX	196-2091	$41.92

3M™ E-A-R™ E-Z-Fit™ Earplugs

With its bell-shaped design, these corded earplugs provide a low-pressure seal for excellent attenuation and reliable, comfortable hearing protection. Smaller size earplug is suitable for smaller ear canals. Rolls down easily and expands into the ear canal. NRR 28dB. 200 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2035	$56.97
Uncorded	BX	196-2030	$29.56

3M™ E-A-R™ Classic™ Metal Detectable Earplugs

Constructed from slow-recovery, low-pressure foam that conforms to the shape of the ear canal for comfort and wearability. Earplug foam is flame-resistant and water-resistant. Features a stainless steel ball bearing in the plug and metal particles in the cord. NRR 33dB. 200 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2018	$100.36

3M™ E-A-Rsoft™ Yellow Neons™ Earplugs

Seal the ear canal with soft, slow-recovery foam for excellent noise reduction and comfort. Soft, pliable foam offers comfort for wearing over an extended time. Regular size fits most ear canals. NRR 33dB. 200 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2041	$41.50
Uncorded	BX	196-2037	$21.92

What is NRR?

NRR, or Noise Reduction Rating, is a guideline that indicates the amount of potential a hearing protection device will give in a noisy environment. NRR is the decibel (dB) reduction provided by hearing protection based on laboratory test data. The higher the NRR, the greater the noise reduction.

Call Customer Service at 800-826-8302

DISPOSABLE EARPLUGS

3M™ E-A-Rsoft™ Yellow Neons™ Metal Detectable Earplugs

Soft, pliable slow-recovery foam for excellent noise reduction and comfort. Developed for food processing and other industries where it is critical to keep earplugs from contaminating products and processes. Features a stainless steel ball bearing in the plug and metal particles in the cord. NRR 32dB. 200 pair/box; 10 boxes/case.

Despcription	Unit	Stock #	PRICE
Corded	BX	196-2045	$76.30

3M™ E-A-Rsoft™ SuperFit™ Foam Earplugs

The only earplugs with a patented orange fitting ring to easily see that the earplug is fitted properly. When no orange is visible, best fit is achieved. Conforms to the shape of the ear canal to help create a comfortable, snug noise barrier. Slow-recovery earplug foam is flame-resistant and moisture-resistant. Yellow plugs are available with or without an orange vinyl cord. NRR 32dB. 200 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2028	$51.06
Uncorded	BX	196-2027	$26.33

3M™ E-A-Rsoft™ SuperFit™ Metal Detectable Earplugs

Proprietary SuperFit fitting ring helps ensure proper fit. Designed specifically for applications such as food processing, where detection of foreign objects is desired. Features a stainless steel ball bearing in the plug and metal particles in the cord. NRR 32dB. 200 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2019	$87.64

3M™ 1110 Earplugs

Soft, hypoallergenic foam and a tapered design to fit comfortably in the ear canal. Equipped with a comfortable, cloth cord to help prevent earplug loss. Smooth, dirt resistant surface provides better hygiene. NRR 29dB. 100 pair/box; 5 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	455-1110	$16.68

3M™ E-A-R™ Express™ Pod Plugs™ Earplugs

No-roll design keeps earplugs, and ears clean, even when fingers or gloves are dirty. Slow recovery foam easily goes into ear canal and then seats and stays in place. Assorted color paddle-style grips provide quick, clean and consistent placement of earplugs. NRR 25dB. 100 pair/box; 4 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2090	$84.38
Uncorded	BX	196-2085	$52.59

3M™ E-A-R™ Express™ Pod Plugs™ Metal Detectable Earplugs

Advanced "no-roll" yellow foam tips and blue paddle-style grips to make getting a good fit easier than ever. Surgical-grade, stainless steel ball bearings embedded in the grips provide metal-detectable quality control. Cord is not metal-detectable. Reusable Pillow Pack helps keep earplugs clean when they are not being worn. NRR 25dB. 100 pair/box; 4 boxes/case.

Description	Unit	Stock #	PRICE
Corded	PR	196-2072	$1.17

Prices subject to change.

3M™ E-A-R® Push-Ins™ Earplugs

Feature soft and flexible E-A-Rfoam™ foam that inserts quickly and easily into ears for comfortable noise reduction. The push-to-fit design with a flexible stem helps keep the soft foam tip clean, even when hands are dirty, since there is no need to roll the foam before fitting. Yellow/Blue. NRR 28dB. 100 pair/box; 4 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2061	$52.54
Uncorded	BX	196-2059	$32.89

3M™ E-A-R™ Push-Ins™ Metal Detectable Earplugs

Soft polyurethane foam tips and blue stem makes fitting and removal easy and helps keep the tips clean when the wearer's hands are dirty. Features a stainless steel ball bearing in the plug and metal particles in the cord. NRR 30dB. 200 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2062	$174.57

3M™ No-Touch™ Foam Earplugs

Push-to-fit foam earplugs create a hygienic, noise-reducing seal in the ear canal with soft foam, a smooth tapered shape and paddle stems. There is no need to roll the foam before fitting. Push-to-fit livewire stem flexes sideways if impacted during wear. Magenta with or without yellow cord. NRR 29dB. 100 pair/box; 4 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2063	$68.62
Uncorded	BX	196-2048	$40.26

Jackson Safety* H10 Metal Detectable Disposable Earplugs

Soft, roll down foam earplugs are bullet shaped for easy insertion. Metal is embedded in the earplug for quick detection. Plugs and cord are bright blue in color, making compliance checks simple. NRR 31dB. 100 pair/box; 8 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	371-2735	$32.90

MOLDEX® Pura-Fit® Foam Earplugs

Protect your hearing with soft foam plugs tapered for easy insertion into any size ear. Rolled down plugs expand gently to form fit. Choose green plugs with or without purple vinyl cord. NRR 33dB.

Description	Pkg	Unit	Stock #	PRICE
Corded	100 pr/bx; 20 bx/ca	BX	197-2402	$30.45
Uncorded	200 pr/bx; 10 bx/ca	BX	197-2400	$31.21

Metal Detectable Disposable Earplugs

Fully detectable and x-ray visible, these corded earplugs feature a metal insert inside the foam plug and cord. The soft roll-down foam allows for easy insertion, and is free from latex, silicone, and phthalates. NRR 32 dB. 250 pair/box.

Color	Unit	Stock #	PRICE
Blue	BX	364-7744	$111.54
Yellow/Blue	BX	364-7754	$111.54

Howard Leight™ TrustFit™ Pod Push-In Foam Earplugs

Designed with an ergonomically contoured paddle that fits naturally between the finger and thumb with or without lightweight work gloves. The flexible stem material gently pushes foam tip into the ear canal to rest comfortable during the work day. No need to roll down to insert in the ear, which reduces hygiene concerns, and time consuming insertion. NRR 28dB. Orange. 100 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	197-2508	$42.64
Uncorded	BX	197-2507	$23.26

Call Customer Service at 800-826-8302

DISPOSABLE EARPLUGS

FirmFit™ Earplugs

These FirmFit earplugs offer excellent protection in most medium-to-high noise environments. They are also easy to insert and require less pressure to roll down. The distinct warning orange color makes compliance checks easy. You can feel that FirmFit is softer when you hold it and this earplug also exerts less expansion on the ear canal. NRR 30dB.

Description	Pkg	Unit	Stock #	PRICE
Corded	100 pr/bx	BX	197-2524	$27.53
Uncorded	200 pr/bx	BX	197-2521	$24.10

MAX® Disposable Earplugs

Enhanced contoured bell-shape is easier to insert and resists backing out of the ear canal. Polyurethane foam provides superior long-wearing comfort, delivering a solid performance that your workers can depend on. Coral/Blue. NRR 33dB. 100 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	197-2502	$26.51
Uncorded	BX	197-2501	$28.06

MAX LITE® Foam Earplugs

Ideal for long-term users and those with smaller ear canals. The low pressure foam is non-irritating, non-allergenic and self-adjusting. Green plugs with or without yellow poly cord. NRR 30dB. 10 boxes/case.

Description	Pkg	Unit	Stock #	PRICE
Corded	100 pr/bx	BX	197-2504	$22.64
Uncorded	200 pr/bx	BX	197-2503	$20.62

MAX® USA Foam Earplugs

Pre-shaped design provides superior attenuation and maximum comfort for all ear canal sizes. Patriotic red, white, and blue pattern to make anyone proud. With or without red poly cord. Made in the USA. NRR 33dB. 10 boxes/case.

Description	Size	Unit	Stock #	PRICE
Corded	100 pr/bx	BX	197-2520	$26.82
Uncorded	200 pr/bx	BX	197-2518	$33.60

LASER LITE® Foam Earplugs

Low pressure polyurethane foam expands gently inside the ear canal for comfortable, long-term wear, while its contoured T-shape delivers easy handling. Vibrant magenta and yellow color make compliance checks quick and easy. NRR 32dB.

Description	Pkg	Unit	Stock #	PRICE
Corded	100 pr/bx	BX	197-2506	$22.48
Uncorded	200 pr/bx	BX	197-2505	$23.26

Laser Trak® Metal Detectable Earplugs

Easily detected by visual and automated inspection. These bright orange & blue plugs with a blue vinyl cord feature a non-ferrous metal grommet. The self-adjusting foam expands to fit virtually any wearer, while the contoured T-shape allows for easy insertion & wear. NRR 32dB. 100/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	197-2510	$35.04

Prices subject to change.

3M™ E-A-R™ UltraFit™ Earplugs

A unique triple-flange design that softly hugs the sides of the ear canal to form a comfortable seal against harmful noise. UltraFit plugs are made from an advanced non-toxic, hypoallergenic polymer that is soft and flexible. For repeated wearings simply wash by hand using a mild detergent. Allow plugs to dry before wearing. Bright yellow plug with blue vinyl cord. NRR 25dB. 100 pair/box; 4 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	196-2056	$117.45

3M™ E-A-R™ UltraFit™ Metal Detectable Earplugs

Proprietary, premolded, triple-flange design fits comfortably in most ear canals. Soft polymer is washable and reusable, reducing both waste and costs. No need to roll ear plugs before fitting so the tips can stay clean even if hands are dirty. Features a stainless steel ball bearing in the plug and metal particles in the cord. NRR 25dB. 100 pair/box; 4 boxes/case.

Description	Unit	Stock #	PRICE
Corded	PR	196-2075	$1.39

Detectamet® Metal Detectable 3-Flange Earplugs

The blue plugs and cord are fully metal detectable, making them ideal for use in the food industry. The reusable, silicone plugs are non-allergenic and comfortable to wear. NRR 18dB. 200 pair/box.

Description	Unit	Stock #	PRICE
Corded	BX	364-2657	$402.10

Jackson Safety* H20 Metal Detectable Reusable Earplugs

Featuring a thicker stem for easier insertion and removal. Three soft flanges conform to the ear canal. Metal is embedded in the plug for detection. Plugs and cord are bright blue in color, making compliance checks simple. NRR 26dB. 100 pair/box; 4 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	371-2745	$65.78

Smartfit® Detectable Earplugs

This earplug delivers superior comfort and has a truly individual fit that fits almost every wearer. The Conforming Material Technology™ adapts to the shape of the surrounding ear canal when in your ear, and returns the earplug to its original shape when removed. Blue color provides high visibility in detection and the metal ring on stem is detectable by automated equipment. NRR 25 dB. 100 pair/box.

Description	Unit	Stock #	PRICE
Corded	PR	197-2527	$1.49

Moldex® Rockets® Reusable Earplugs

Washable earplugs have soft, flexible flanges and an air bubble in the tip for cushioned comfort. Easy grip handle lets earplug slip easily into ear. Bright purple plugs with green grips, with or without purple cord. Each pair includes a Pocket-Pak® carrying case for storage. 100% PVC-Free®. NRR 27dB. 50 pair/box; 4 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	213-2310	$79.79
Uncorded	BX	213-2312	$56.92

Quiet® Reusable Foam Earplugs

Quiet requires no rolling – its built in flexible stem adds ease of insertion and immediate comfort. Its smooth, non-irritating skin provides all-day comfort and is easy to clean up with soap and water for extended wear. Orange plug, with or without orange poly cord. NRR 26dB. 100 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	197-2606	$57.82
Uncorded	BX	197-2605	$43.24

Call Customer Service at 800-826-8302

REUSABLE EARPLUGS

AirSoft® Earplugs

Reusable earplugs feature a 4-flange design and a patented cushion of air for superior comfort. Firm stem and tapered shape facilitates insertion and removal. Outstanding noise-blocking protection - highest attenuation in multiple use plugs. Blue plug with or without red poly cord. NRR 27dB. 100 pair/box; 10 boxes/case.

Description	Unit	Stock #	PRICE
Corded	BX	197-2602	$105.14
Uncorded	BX	197-2601	$78.92

Honeywell

HOWARD LEIGHT

EARPLUG RACKS A& DISPENSERS

Earplug Box Rack w/Anti-Spill Tray

This convenient wall mountable rack holds all 200-count earplug boxes. The removable plastic tray catches earplugs - no more wasted plugs falling on the floor. Box is secured to rack with extra-long Velcro® straps. Black.

RACK'EM™

Unit	Stock #	PRICE
EA	081-2048	$35.67

Universal Dispenser Box Rack

Universal rack holds any dispenser box up to 40″ around, and up to 3 pounds. Use for earplug boxes, eyewear cleaning wipes, unit dose medications, disposable respirators, hairnets, gloves, and more. Box is secured to rack with extra-long Velcro® straps. Black. 12 each/case.

RACK'EM™

Unit	Stock #	PRICE
EA	081-2045	$32.53

Foam Ear Plug Dispenser

Clear acrylic dispenser with clear lid features slip-resistant feet for mounting on table or shelf, and holes for mounting on the wall. 13″H x 12″W x 8″D.

RACK'EM™

Unit	Stock #	PRICE
EA	081-2219	$105.32

Earplug Box Holder with Tray

RACK'EM™

One box of earplugs easily sits on this heavy-duty white plastic rack. The extended front tray keeps loose plugs from falling to the floor. Diagonally cut tray has keyholes for hanging. 10.625″H x 10.625″W x 10.625″D.

Unit	Stock #	PRICE
EA	081-2173	$40.13

Universal Dispenser

Easily hold a full box of earplugs, or other items,

RACK'EM™

with this large dispenser. White high-impact styrene containers sit handily on a table, or mounts on the wall with keyholes. Two clear flip lids for easy filling and dispensing. Unit includes the following labels: Finger Cots, Hearing Protection (no cord), Hearing Protection (corded), and blank customizable white label. 6.5″W x 8.25″D x 11″H.

Unit	Stock #	PRICE
EA	081-2221	$71.04

Prices subject to change.

3M™ E-A-R™ Swerve™ Banded Hearing Protection

Comfort meets performance as Swerve™ incorporates a cutting-edge band design with the effectiveness of E-A-R foam earplugs. Lightweight and durable plastic flexes and rebounds easily for frequent on-and-off wearing. Neckband adjusts for optimal fit. Ergonomic design minimizes interference with shirt collars and headgear. Yellow/Blue. NRR 28dB with flex 28 pods.

Description	Pkg	Unit	Stock #	PRICE
Swerve Band	Band w/2 pr of tips	EA	196-2882	$10.03
Replacement Flex 28 pods	5 pr/pk	PK	196-2884	$13.77

3M™ E-A-R Caps™ Hearing Protectors

Soft, foam caps mold easily over the ear canal entrance for non-invasive, comfortable hearing protection. Lightweight blue band is worn under the chin, ideal for intermittent use. Yellow caps pivot for a snug seal. NRR 17dB.

Description	Pkg	Unit	Stock #	PRICE
Banded earplugs	10/bx, 10 bx/ca	EA	196-2150	$4.53
Replacement caps	5 pr/pk, 10 pk/ca	PK	196-2155	$12.04

Expand-A-Band Metal Detectable Hearing Protector

Features a special adjustable design to accommodate different head sizes with comfort. Headband and silicone ear pieces are 100% metal detectable and x-ray visible. Bright blue color.

Description	Unit	Stock #	PRICE
Banded earplugs	EA	364-7031	$2.40
Replacement tips	PR	364-7033	$1.55

Quiet QB1HYG® Banded Hearing Protector

Ergonomically designed with comfort and hygiene in mind. The inner-aural pods are suspended so that they do not become contaminated when you set them down. Yellow band, orange pods. The QB1 has the highest attenuation among banded products with an NRR 27dB.

Description	Pkg	Unit	Stock #	PRICE
Banded Earplugs	10/bx	EA	197-2610	$5.07
Replacement pods	50 pr/bx	PR	197-2612	$2.52

Quiet QB2HYG® Banded Hearing Protector

Offers solid protection with its supra-aural fit. Smooth, ergonomic pods fit inside the opening of the ear canal for noise protection, while the patented band design prevents ear pods from touching dirty or contaminated surfaces when set down. Designed for people who are exposed to intermittent noise. Orange. NRR 25dB.

Description	Pkg	Unit	Stock #	PRICE
Banded earplugs	10/bx	EA	197-2615	$4.28
Replacement pods	50 pr/bx	PR	197-2620	$2.11

Quiet QB3HYG® Banded Hearing Protector

Ideal for those who are exposed to intermittent noise. Ergonomically designed band keeps ear pods off the surface when they are set down. Smooth, ergonomic pods fit outside the opening of the ear canal for noise protection. Replaceable pods are washable with soap and water. NRR 23dB.

Description	Pkg	Unit	Stock #	PRICE
Banded earplugs	10/bx	EA	197-2623	$4.27
Replacement pods	50 pr/bx	PR	197-2624	$2.76

Call Customer Service at 800-826-8302

EARMUFFS

3M™ E-A-R™ Model 1000 Earmuffs

Durable and lightweight, Model 1000 earmuffs are constructed of non-conductive, dielectric plastic and can be worn over-the-head, behind-the-neck or under-the-chin. Large ear cup openings and soft, foam-filled cushions offer a snug, comfortable fit. NRR 20dB when the band is worn over-the-head, and NRR 22dB when the band is worn under-the-chin or behind-the-head. 24 pair/case.

Description	Unit	Stock #	PRICE
Earmuffs	PR	196-2201	$14.47
Replacement cushions, 6 pr/bx	BX	196-2210	$36.45

3M™ E-A-R™ Model 2000H Earmuffs

Feature a durable, lightweight construction of non-conductive, dielectric plastic that mounts to most hard hats without an adaptor. An "at-rest" position eliminates contact with other gear to reduce contamination and distortion. Works with most slotted hard hats, and easily swing out of the way when not in use. NRR 21dB. 24 pair/case.

Description	Unit	Stock #	PRICE
Earmuffs	PR	196-2205	$26.56
Replacement cushions, 6 pr/bx	BX	196-2210	$36.45

3M™ E-A-R™ Model 3000 Earmuffs

Durable, lightweight construction of non-conductive, dielectric plastic that can be worn over-the-head, behind-the-neck or under-the-chin. Large earcup openings and soft, foam-filled cushions offer a snug, comfortable fit. NRR 25dB when the band is worn over-the-head, NRR 26dB when the band is worn under-the-chin or behind-the-head. 24 pair/case.

Description	Unit	Stock #	PRICE
Earmuffs	PR	196-2203	$21.45
Replacement cushions, 6 pr/bx	BX	196-2210	$36.45

3M™ Peltor™ Over-the-Head Earmuffs

The X4A earmuffs utilize a newly designed spacer, specially formulated foam liners and innovative ear cushions to help improve attenuation. This lightweight, lower-profile earmuff helps with compatibility with other personal protective equipment and is designed for protection against moderate-to-high level industrial noise and other loud sounds. It features an electrically insulated wire headband, often referred to as "dielectric". NRR 27dB. Hygiene kit includes one pair of replacement cushions and foam inserts for 3M Peltor X4A earmuffs. 10 pair/case.

Description	Unit	Stock #	PRICE
Earmuffs	PR	196-7019	$27.43
Hygiene Kit	KT	196-7037	$11.75

3M™ Peltor™ Cap Mount Earmuffs

Stainless steel band construction resists bending and warping to offer consistent pressure over prolonged wearing periods. Ear cup pivot points tilt for optimum comfort and efficiency. Universal mounting attachment fits most hard hats. Black/Chartreuse. NRR 25dB. Hygiene kit includes one pair of replacement cushions and foam inserts for 3M Peltor X4P3E earmuffs. 10 pair/case.

Description	Unit	Stock #	PRICE
Muffs	PR	196-7031	$27.43
Hygiene Kit	KT	196-7037	$11.75

3M™ Peltor™ Optime™ 95 Behind the Head Earmuffs

Behind-the-head earmuffs feature low-profile ear cups that fit well with most helmets, eyewear and other safety equipment. In addition to ultra-light liquid/foam filled earmuff cushions, the ear muff headband is constructed of stainless steel which resists bending and warping. NRR 21dB. Hygiene kit includes one pair of replacement cushions and foam inserts for 3M Peltor Optime 95 earmuff. 10 pair/case.

Description	Unit	Stock #	PRICE
H6B/V Earmuffs	PR	524-2005	$11.53
Hygiene Kit	PR	524-2015	$10.03

Prices subject to change.

3M™ Peltor™ Optime™ 95 Over-the-Head Folding Earmuffs

An extremely light folding hearing protector - only 6.5-oz. Provides comfortable hearing protection with the convenience of portability. Perfect for supervisors and management personnel going in and out of noisy areas. Beige, liquid/foam filled ear cushions offer comfort and NRR 21dB. Hygiene kit includes one pair of replacement cushions and foam inserts for 3M Peltor Optime 95 earmuffs. 10 pair/case.

Description	Unit	Stock #	PRICE
H6F/V Earmuffs	PR	524-2010	$22.05
Hygiene Kit	PR	524-2015	$10.03

3M™ Peltor™ Optime™105 Over-the-Head Ear Muffs

Double-shell technology provides effective hearing protection and boosts noise blocking ability. Durable stainless steel headband resists bending and warping. NRR 30dB, highest available in over-the-head style earmuffs. Hygiene kit includes one pair of replacement cushions and foam inserts for 3M Peltor Optime 105 earmuffs. 10 pair/case.

Color	Description	Unit	Stock #	PRICE
Black/Red	H10A Earmuff	PR	524-2030	$22.41
Hi-Vis Green/Black	H10A HV earmuff	PR	196-7017	$28.27
	Hygiene Kit	KT	524-2035	$11.61

QM24+® Earmuffs

Ultra lightweight, three-position earmuff designed for extended wear. Weighing only 6-oz, the QM24+ features an adjustable crown strap for a secure fit over-the-head, behind-the-head, and below-the-chin. Alternative to cap-mounted earmuffs - wear with hard hats, face-shields, respirators, and other PPE. Dielectric construction suitable for electrical environments. NRR 25dB. Hygiene kit includes one pair of replacement cushions and foam inserts. 20 pair/case.

Color	Description	Unit	Stock #	PRICE
Red/Black	Earmuff	PR	197-2724	$7.33
-	Hygiene Kit	CA	197-2725	$114.71

Thunder® T3 Headband Earmuff

Features patented Air Flow Control™ technology for optimal attenuation. Uniform headband pressure for all head sizes, providing better comfort for long-term wear. Inner-ventilated head-band minimizes pressure on the head and breathes easier in warm/humid climates. Non-deforming out headband withstands rough treatment in the toughest environments. Quick-Click height adjustment remains fixed during wear. Snap-in ear cushions make replacement quick and easy. NRR 30dB. Hygiene kit includes one pair of replacement cushions and foam inserts. 10 pair/case.

Color	Description	Unit	Stock #	PRICE
Black	Earmuff	PR	197-7071	$23.13
-	Hygiene Kit	EA	197-7084	$6.97

Call Customer Service at 800-826-8302

EARMUFFS

Leightning® L3 Headband Earmuff

Robust steel construction withstands demanding use, especially in tough environments. Features patented Air Flow Control™ technology for optimal attenuation. Padded foam headband delivers superb comfort with minimal pressure on the head. Telescopic height adjustment remains fixed during use. Snap-in ear cushions make replacement quick and easy. NRR 30dB. Hygiene kit includes one pair of replacement cushions and foam inserts. 20 pair/case.

Color	Description	Unit	Stock #	PRICE
Black	Earmuff	PR	197-7070	$22.16
-	Hygiene Kit	CA	197-7085	$7.74

Honeywell HOWARD LEIGHT

Viking® V3 Multiple-Position Headband Earmuff

Multiple-position headband allows wearer to select position over-the-head, behind-the-head or under-the-chin. Can be worn with hard hats, face shields, respirators and other PPE. Patented Air Flow Control™ technology delivers optimal attenuation across all frequencies without increasing earcup size or weight. Inner-ventilated headband minimizes pressure on the head and breathes easier in warm/humid climates. Dielectric construction suitable for electrical environments. Snap-in ear cushions make replacement quick and easy. NRR 29dB. Hygiene kit includes on pair of replacement ear cushions and foam inserts. 20 pair/case.

Color	Description	Unit	Stock #	PRICE
Black/Gray	Earmuff	PR	192-2086	$20.96
-	Hygiene Kit	CA	197-7085	$7.74

Honeywell HOWARD LEIGHT

Thunder® T1H Cap Mounted Earmuffs

Engineered to seamlessly integrate with North® hard hats and face shields to provide an effective unit for worker head and hearing protection. The easy height adjustment provides a better fit for greater wearer comfort, while the lower profile cups attract less dirt for better hygiene. When not in use, ear cups can swing back and stay in the off position. NRR 23dB. 10 pair/case.

Color	Unit	Stock #	PRICE
Blue	PR	523-2117	$11.63

Honeywell HOWARD LEIGHT

Safety Equipment Cleaning Towelettes

Designed to clean and sanitize ear muffs, respirators, face pieces, and other personal protective equipment. Keep a box in all PPE storage locations of your food processing facility. Choice of a 70% isopropanol wipe or a non-alcohol wipe with the active ingredient benzalkonium chloride. The non-alcohol wipes will not harm even the most sensitive rubber face pieces. Both types are individually foil-wrapped. 5" x 8". 100/box.

Description	Unit	Stock #	PRICE
70% Isopropanol	BX	101-2902	$11.68
Benzalkonium chloride	BX	101-2905	$11.68

ALLEGRO INDUSTRIES

Prices subject to change.

3M™ SecureFit Protective Eyewear

Stylish, lightweight design weighs less than 1-oz. Features proprietary 3M Pressure Diffusion Temple Technology that helps diffuse pressure over the ear to enhance frame comfort while not compromising the security of fit across a diverse workforce. Self-adjusting feature eliminates need to stock multiple frame sizes at worksites. Secure, snug fit keeps eyewear in place without slippage even when the person is in motion. Available with anti-fog or anti-scratch coating. Polycarbonate lenses absorb 99.9% UVA and UVB up to 380 nm and meet the requirements of CSA Z94.3 and ANSI Z87.1-2010. 20 pair/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Clear/Clear	Anti-Fog	PR	196-2890	$2.21
Clear/Clear	Anti-Scratch	PR	196-2892	$1.88
Amber/Amber	Anti-Fog	PR	196-2891	$2.37
Amber/Amber	Anti-Scratch	PR	196-2893	$2.05
Gray/Gray	Anti-Fog	PR	196-2741	$2.37
Gray/Gray	Anti-Scratch	PR	196-2740	$2.05

3M™ Virtua™ Protective Eyewear

Lightweight, Virtua protective eyewear combines versatility and value with high wraparound coverage. Polycarbonate lens absorbs 99.9% of UV rays. Meets High Impact Requirements of ANSI Z87.1-2003. 100 pr/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Clear/Clear	Anti-Scratch	PR	196-2622	$1.43
Clear/Clear	Anti-Fog	PR	196-2641	$1.43

3M™ Maxim™ Sport Safety Glasses

Sporty, colorful Maxim sport protective eyewear is both stylish and durable, featuring dual-injected temples and a soft, cushioned browguard. Meets the High Impact Requirements of ANSI Z87.1-2003.

Description	Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Safety Glasses	Silver and Blue/ Clear	Anti-Scratch & Anti-Fog	PR	196-2655	$9.01
Replacement lenses	-	Anti-Scratch & Anti-Fog	EA	196-2656	$3.20

3M™ Maxim™ Safety Glasses

The sleek styling of the Maxim offers a cushioned brow, adjustable temples, and soft adjustable nose bridge for custom fit and comfort. DX™ anti-fog hard coat resists fogging, scratching, and many chemicals. Meets the High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Anti-Scratch & Anti-Fog	PR	196-2651	$9.01

3M™ Metaliks™ Safety Glasses

The sleek style of the silverized metal frame is accented with comfortable spatula temples with soft tips. Both the temples and the soft nose bridge flex and adjust to fit all face shapes. Impact resistant clear polycarbonate lens with anti-fog coating. Meets the High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Silver/Clear	Anti-Fog	PR	196-2650	$8.59

3M™ SecureFit™ Readers Protective Eyewear

Temples naturally adjust to individual head sizes for a customized fit to each person. Clear anti-fog coated polycarbonate lens absorbs 99.9% UV and features a reading diopter to help workers who have difficulty reading small print or who are engaged in small detail work. Meets the requirements of CSA Z94.3-2007 and ANSI Z87.1-2010. 20 pair/case.

Diopter Rating	Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
+1.5	Black/Clear	Anti-Fog	PR	196-2315	$6.09
+2.0	Black/Clear	Anti-Fog	PR	196-2320	$6.09
+2.5	Black/Clear	Anti-Fog	PR	196-2325	$6.09

Call Customer Service at 800-826-8302

SAFETY GLASSES

3M™ Virtua™ Reader Protective Eyewear

Designed for workers who have difficulty reading small print or are engaged in detail work. The unisex Virtua offers wearers an open unobstructed viewing range and features magnifying diopters, lightweight lenses with contoured tip temples, and a high wrap for additional coverage. Clear frame with clear, anti-fog lens. Meets the High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.

Diopter Rating	Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
+1.5	Clear/Clear	Anti-Fog	PR	196-2869	$4.65
+2.0	Clear/Clear	Anti-Fog	PR	196-2886	$4.65
+2.5	Clear/Clear	Anti-Fog	PR	196-2887	$4.65

3M™ Nuvo™ Reader Safety Glasses

Feature built-in magnifying diopters on the lower lenses to provide eye safety to workers who have difficulty reading small print or seeing small detail work. These glasses feature a distinct, nostalgic look with reliable eye protection that includes an integral brow bar and side shields for added coverage. The glasses appear to have a dual lens to make them look like standard glasses, but the lens is really a one-piece design for extra durability. Meets the High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.

Diopter Rating	Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
+1.5	Black/Clear	Anti-Fog	PR	196-2686	$11.03
+2.0	Black/Clear	Anti-Fog	PR	196-2687	$11.03
+2.5	Black/Clear	Anti-Fog	PR	196-2690	$11.03

3M™ Lexa™ Reader Protective Eyewear

Designed for workers who have difficulty reading small print or are engaged in small detail work. Lexa reader protective eyewear features magnifying diopters, lightweight anti-fog lenses, and a fully customizable frame with three lens angles and four temple lengths. 3M DX™ anti-fog hard coat protects lens from fog, scratching, and many chemicals, while the polycarbonate lens absorbs 99.9% UV. Meets ANSI Z87.1-2003 High Impact Requirements. 20 pair/case.

Diopter Rating	Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
+1.5	Black/Clear	Anti-Scratch & Anti-Fog	PR	196-2694	$9.22
+2.0	Black/Clear	Anti-Scratch & Anti-Fog	PR	196-2695	$9.22
+2.5	Black/Clear	Anti-Scratch & Anti-Fog	PR	196-2696	$9.22

3M™ Lexa™ Fighter Protective Eyewear

Expand your range of vision with widely wrapped lenses for virtually unobstructed viewing. Anti-fog, hard coat protection on the lenses keeps vision clear in typical working conditions. This protective eyewear is fully customizable with three lens angles and four temple lengths. The ability to customize the safety glasses to the wearer makes them more pleasant to use over extended time periods. The impact-resistant polycarbonate lenses absorb 99.9% UV rays. Meets ANSI Z87.1-2003 High Impact Requirements. 100 pair/case.

Frame Color/ Lens Tint	Lens Coating	Stock #	PRICE
Black/Clear	Anti-Scratch & Anit-Fog	196-2665	$6.70

3M™ Refine™ Women's Protective Eyewear

Specially sized for the female facial profile. The result is excellent coverage with fewer gaps. Choose from 2 styles, both with clear, anti-fog lenses. The Refine 101 is a slim, full-frame design in mocha. The Refine 201 has a padded, adjustable bridge and a teal frame. Meets the High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.

Model	Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
101	Mocha/Clear	Anti-Fog	PR	196-2633	$4.59
201	Teal/Clear	Anti-Fog	PR	196-2635	$6.55

3M™ Virtua™ Sport CCS Protective Eyewear

Virtua Sport with the corded earplug control system (CCS) is a comfortable, lightweight way to help protect your sight and provide convenient access to hearing protection when it's needed. Unique temple design controls and holds the cord of the earplug (sold separately) to keep it securely in place and untangled while in use. CCS feature allows the corded earplug to dual as a lanyard. The large wraparound lens keep eyes more fully protected and provide a wide viewing area. The impact-resistant polycarbonate lens absorb 99.9% UV rays. Meets the High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.
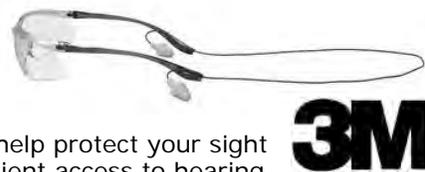
Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Blue/Clear	Anti-Fog	PR	524-2032	$4.22

Prices subject to change.

3M™ Virtua™ V4 Protective Eyewear

Combines outstanding style, protection and affordability, all while offering wraparound coverage and soft, dual-injected temples that help relieve hot spots around the ears. Designed for indoor or outdoor use. Polycarbonate lens absorbs 99.9% of UV rays. Meets High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Anti-Fog	PR	196-2623	$2.65
Black/Gray	Anti-Fog	PR	196-2624	$2.83

3M™ Virtua™ V6X Protective Eyewear

Lightweight, unisex Virtua V6X protective eyewear combines versatility and value with high wraparound coverage, polycarbonate construction and a hard coat, scratch-resistant lens for a comfortable, contoured fit. This economy line of safety glasses combines style, protection and affordability to safeguard workers on job sites. Providing a wide viewing area, the wraparound design shields to keep eyes more fully protected. Contoured temples fit comfortably and snugly without pressure points but also without any looseness that causes shifting. The impact-resistant polycarbonate lens absorbs 99.9% UV rays. Meets ANSI Z87.1-2010 requirements. 20 pair/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Anti-Scratch	PR	196-2636	$2.79
Black/Gray	Anti-Scratch	PR	196-2637	$2.95
Black/Clear	Anti-Fog	PR	196-2638	$3.10
Black/Gray	Anti-Fog	PR	196-2639	$3.26
Black/Indoor/ Outdoor Mirror	Anti-Scratch	PR	196-2646	$3.34

3M™ Nassau Plus™ Protective Eyewear

Features adjustable temples for a custom fit, integrated sideshields for wraparound protection and a molded nose bridge. 3M™ DX™ anti-fog hardcoat protects from fog, scratching, and many chemicals. Meets the High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Red/White/ Blue/Clear	Anti-Fog	PR	196-2688	$6.58

3M™ Seepro Plus™ Fighter Protective Eyewear

This low-cost safety eyewear is a pleasure to wear. Ultra-lightweight construction features patented DX™ anti-fog, super-tough lens coating which guards against fogging, scratching, chemical attack, and static attraction of abrasive particles. Integrated side-shields, brow and nose bridge. Clear lens absorbs 99.9% of UV rays. Meets the High Impact Requirements of ANSI Z87.1-2003. 100 pair/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Anti-Fog	PR	196-2642	$2.01

3M™ OX™ Protective Eyewear

Lightweight and adjustable, OX over-the-glass protective eyewear offers Secure-Grip™ temples to fit virtually any size face, and extends field of vision with its wide profile. Its seamless lens with built-in side shields secures an uninterrupted sight range with over-the-glass coverage. Polycarbonate lens absorbs 99.9% UV. Meets High Impact Requirements of ANSI Z87.1-2003. 20 pair/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Anti-Fog & Anti-Scratch	PR	196-2596	$3.37

3M™ Tour-Guard™ V Series Safety Eyewear

Standard, economical protective eyewear for site visitors or general use. Features integrated side-shields and flexible, polycarbonate construction with over-the-glass coverage. Lens absorb 99.9% UV. Medium size fits over most prescription eyewar. Meets the High Impact Requirements of ANSI Z87.1-2010.

Frame Color/ Lens Tint	Lens Coating	Pkg	Unit	Stock #	PRICE
Clear/Clear	Uncoated	100 pr/ca	PR	196-2627	$1.58
Clear/Clear	Uncoated	20 pr/dispenser box	BX	196-2629	$35.61

Call Customer Service at 800-826-8302

SAFETY GLASSES

3M™ Virtua™ CCS Protective Eyewear

Comfortable, lightweight frame features the Cord Control System (CCS) with an optional foam gasket attachment. CCS is designed to keep a corded earplug (sold separately) attached, untangled, and ready for use. Foam gasket helps limit eye exposure to nuisance dust while providing additional cushioning. Anti-Fog polycarbonate lens absorb 99.9% UV. Meets the requirements of CSA Z94.3-07 and is impact rated to ANSI Z87.1-2010.

Fram Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Blue/Clear	Anti-Fog	PR	196-2894	$7.24
Blue/I/O Mirror	Anti-Fog	PR	196-2895	$8.04

Jackson Safety* Element* Safety Glasses

Lightweight popular styling with an economical price. Metal free design with screw-less hinges. Universal nose bridge for comfort. Clear lens with clear frame. Meets ANSI Z87.1+ standards for high impact.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Clear/Clear	Uncoated	PR	192-7228	$1.31

Jackson Safety* V30 Nemesis* Safety Glasses

Fit more faces with these popular safety glasses in two sizes. Nemesis S* is designed for smaller and slimmer face. Lightweight and comfortable with soft-grip temples and a sporty wraparound lens. Lanyard included w/ regular size. Meets ANSI Z87.1+ standards for high impact. 12 pair/case.

Size	Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Universal	Black/Clear	Anti-Fog	PR	192-7146	$4.76
Universal	Black/Smoke	Anti-Fog	PR	192-7227	$5.84
Small	Black/Clear	Anti-Fog	PR	192-7206	$4.76

Jackson Safety* 30.06* Readers Safety Glasses

Comfortable safety glasses with reading lenses built in. Stylish black nylon frame and polycarbonate lenses combined with a soft rubber nose pad for comfort. Meets ANSI Z87.1+ standards for high impact.

Diopter	Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
+1.5	Black/Clear	Hardcoat	PR	192-7046	$11.19
+2.0	Black/Clear	Hardcoat	PR	192-7145	$11.19
+2.5	Black/Clear	Hardcoat	PR	192-7047	$11.19

Jackson Safety* Smith & Wesson® Magnum® 3G* Safety Eyewear

Feature clear hard coat polycarbonate lenses for scratch resistance. Extendable temples offer three different temple lengths for a customized fit. Self-adjusting nose pad with rubber fingers designed to prevent glasses from slipping down the nose. Hinge stops prevent temple tip from scratching lenses. Meets ANSI Z87.1+ standards for high impact. 12/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Hardcoat	PR	192-7010	$7.14

Jackson Safety* Smith & Wesson® Code 4* Safety Eyewear

The sporty design weighs less than 1-oz. Scratch resistant polycarbonate lens. Ribbed, non-slip rubber nose cushion. Contoured temple tips. Black frame, clear lens. Meets ANSI Z87.1+ Standards for high impact. 12/case.

Frame Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Hardcoat	PR	192-7176	$7.52

Prices subject to change.

Uvex HydroShield™ Genesis XC Safety Glasses

Workers can now work fog-free for longer than ever before, with safety glasses featuring HydroShield Anti-Fog Coating. Most anti-fog coatings perform well at first, but their effectiveness will diminish over time. HydroShield delivers anti-fog protection that lasts up to 60 times longer as it is permanently bonded to the lens. Glasses feature extended wrap-around lens for extra cheek and side protection, soft flexible nose fingers to fit a variety of nasal profiles, and adjustable temples and lens inclination. Meets ANSI Z87.1-2010 standards. 10 pair/case.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	HydroShield Anti-Fog	PR	526-9520	$8.45
Black/Gray	HydroShield Anti-Fog	PR	526-9521	$9.21

Uvex Protégé Eyewear

Designed with proprietary Floating Lens™ technology, Uvex Protégé offers sport-inspired styling plus increased flexibility and fit. The secure wraparound brow expands to fit a wide range of users, while the soft temple tip pads provide a secure fit, and the flexible "fingers" on the nosepiece reduce slippage. The HydroShield™ Anti-Fog coating lasts up to 60 times longer - even after extended wear and repeated cleaning. Meets ANSI Z87+ (High Impact) Standards.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Hydroshield Anti-Fog	PR	526-9515	$4.79
Black/Gray	Hydroshield Anti-Fog	PR	526-9522	$5.51

N-Vision™ Safety Eyewear

Designed with a sporty look and one-piece lens. Extremely comfortable Flexi-Fit nosepiece. Includes both curved and straight end adjustable temples. Utilizes exclusive North 4A coating, protecting against fog, scratches, UV and static. Meets ANSI Z87.1-2010.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black-Gray/Clear	4A	PR	523-2221	$5.98

Tornado F5™ Safety Glasses

Sporty with a dual lens look in a single-piece lens design. Curved adjustable temples with a pivoting lens system. Utilizes exclusive North 4A coating, protecting against fog, scratches, UV and static. Meets ANSI Z87.1-2010.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	4A	PR	523-2215	$4.74

Call Customer Service at 800-826-8302

SAFETY GLASSES

Uvex™ Millennia™ Safety Glasses

Combines futuristic wrap-around styling with exceptional coverage and protection. Comfortable and lightweight, the face-contouring frame provides exceptional brow and side protection for the most demanding work environments. Polycarbonate lens with Ultra-dura® anti-scratch coating. Flexicord retainer included to keep eyewear from falling into production. Meets ANSI Z87+ High Impact Standards. 10 pair/case.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Ultra-dura HC	PR	197-7020	$5.09
Black/Silver Mirror	Ultra-dura HC	PR	197-7021	$7.02

Uvex Instinct™ Safety Glasses

Provides high-performance protection with a sleek design and lightweight frame, featuring a variety of adjustability features for a comfortable, customized fit. Uvex Instinct is equipped with a dual, 7-base wraparound lens for uncompromised peripheral vision, with a fully integrated, cushioned browguard to comfortably diffuse and deflect impact energy. Meets ANSI Z87.1-2010 standard. 10 pair/box; 200 pair/case.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Supra-Dura Hardcoat	PR	197-2528	$8.83
Black/Clear	Uvextreme Plus Anti-Fog	PR	197-7047	$7.82

Uvex Genesis® Safety Glasses

Genesis provides workers with extraordinary all-day comfort, protection, and style. The dual 9-base wrap-around lens provide uncompromised peripheral vision and protection, while the soft elastomer browguard diffuses and deflects impact. A unique ventilation channel, between the frame and lens, vents the eye socket area to deliver an outstanding level of moisture and fog control. The frames feature an adjustable temple length that enables wearers to custom fit the eyewear to their facial profile. Soft, flexible fingers on the nose piece adjust and conform to almost any nasal profile to reduce slippage. Available with Uvextreme anti-fog or Ultra-dura® anti-scratch coatings.
Meets ANSI Z87+ High Impact Standards.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Ultra-dura HC	PR	197-7027	$6.70
Black/Espresso	Ultra-dura HC	PR	197-7019	$8.05
Black/SCT-Reflect 50	Ultra-dura HC	PR	197-2831	$10.66
Red/White/Blue/Clear	Uvextreme AF	PR	197-7006	$7.90
Vapor Blue/Clear	Ultra-dura HC	PR	197-7032	$7.12
Red/White/Blue/Clear	Ultra-dura HC	PR	192-7181	$7.31

Uvex™ Seismic® Sealed Eyewear

Powerful eyewear for today's demanding work environments. The Uvex Seismic provides protection against impact, sun, wind, dust, and debris coupled with durable performance and minimized fogging. Its contemporary design offers a range of comfort and adjustability features for all-day wear. Features soft and flexible nasal pads, soft high-quality face cushioning, padded temples, and a replaceable flame-resistant cushion-lined subframe. Available with Dura-streme® dual coating technology which combines Uvex's two best lens coatings — Uvextreme® anti-fog on the interior and Ultra-dura® anti-scratch on the exterior — for 3x longer lens life. Meets ANSI Z87+ High Impact Standards. 10 pair/box; 20 boxes/case.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Dura-streme HC/AF	PR	197-7063	$15.95
Black/Clear	Hardcoat	PR	197-7081	$11.78

Prices subject to change.

Uvex Astrospec 3000® Safety Eyewear

The favorite safety eyewear in America. Lightweight uni-lens design offers panoramic vision. Adjustable lens inclination and temple length. Duoflex temples for a more comfortable fit. Available with Uvextreme anti-fog or Ultra-Dura® anti-scratch coatings. Meets ANSI Z87+ High Impact Standards.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Red/White/Blue/Clear	Ultra-dura HC	PR	197-2810	$6.41
Blue/Clear	Uvextreme AF	PR	197-2811	$7.35
Black/Clear	Ultra-dura HC	PR	197-2813	$7.31

Uvex Bandido® Eyewear

Contemporary, yet economical frameless eyewear. Ultra-dura® anti-scratch coating. Meets ANSI Z87+ High Impact Standards.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Hot Red & Black/Clear	Ultra-dura HC	PR	197-7024	$4.03
Black/Clear	Ultra-dura HC	PR	197-7028	$4.07

Uvex Ultra-spec® 2000 Eyewear

Features a coated 100% polycarbonate wrap-around unilens design with solid sideshields. Spatula temples have an adjustable length. Clear lens with Uvextreme® anti-fog coating. Meets ANSI Z87+ (High Impact) standards. 10 pair/box.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Clear/Clear	Uvextreme AF	PR	197-2800	$4.03

Uvex Ultra-spec® 2001 OTG Eyewear

Lightweight over the glass styling to accommodate prescription wearers. Adjustable Duoflex® comfort cushion temples. Meets ANSI Z87.1+ (High Impact) standards.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Clear/Clear	Ultra-dura HC	PR	197-2801	$4.68

Uvex Astrospec® 3001 OTG Safety Glasses

An economical alternative to expensive Rx eyewear, the Uvex Astrospec 3001 offers over-the-glass protection with adjustable lens inclination and temple length. The lightweight clear unilens offers panoramic vision and is available in a wide variety of task-specific tints and coatings. Meets ANSI Z87.1-2003 High Impact Standards. 10 pair/box.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Ultra-dura HC	PR	197-2820	$7.76
Black/Clear	Uvextreme AF	PR	197-2821	$8.56

Call Customer Service at 800-826-8302

SAFETY GLASSES

EYEWEAR ACCESSORIES

RT2® Safety Eyewear

The RT2 has the squared look of trend-setting designer eyewear. The durable, lightweight metal alloy frame is combined with the custom fit of adjustable PVC nosepad. Brass finish frame, clear polycarbonate lens with Duramass® scratch resistant coating. Meets ANSI-Z87+ standards.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Brass/Clear	Anti-Scratch	PR	197-2932	$5.30

Blackjack® Safety Eyewear

The single wraparound lens design with integral side-shields is sleek and style-conscious for today's workers. Durable chrome metal alloy temples have non-slip rubber head grips for a customized fit. Lightweight polycarbonate clear lens offers 99.9% UV protection. Meets Z87+ standards.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Metal/Clear	Anti-Scratch	PR	197-2930	$5.06

Storm® Safety Eyewear

There's safety in the eye of the Storm. Ratchet-action temples combined with non-slip rubber head grips create a custom fit for virtually any head size. Wraparound lens made of lightweight, scratch resistant polycarbonate. Meets ANSI Z87.1+ standards.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Anti-Fog	PR	197-2910	$4.00
Black/Gray	Anti-Fog	PR	197-2912	$4.31
Black/Indoor/Outdoor Clear Mirror	Anti-Scratch	PR	197-2914	$4.04
Black/Amber	Anti-Scratch	PR	197-7017	$4.54

Protectomers Metal Detectable & X-Ray Inspectable Safety Glasses

Protectomers safety glasses are metal detectable and x-ray inspectable. Clear, non-corrective, non-filtering lens. Includes lanyard. Meets ANSI Z87.1-2010.

Frame Color/Lens Tint	Lens Coating	Unit	Stock #	PRICE
Blue/Clear	Uncoated	EA	364-2030	$14.00

VisionAid Universal Flex SideShield™

Soft and bendable, but they also absorb the energy of an impact. Sideshields weave through the temple, so no parts or tools are required. Meets ANSI Z87.1 high-impact standards. Clear. 60 pair/box.

Unit	Stock #	PRICE
BX	192-7034	$176.90

Deluxe Eyeglass Cord

Nylon eyeglass retainers feature a sliding bead to keep your glasses close and convenient. Ends hook securely over eyeglass temples. 14-1/2"L. 12 each/pack.

Description	Unit	Stock #	PRICE
Black	EA	197-2940	$1.85
Blue	EA	197-2941	$1.85

Safety Glass Holder with Door

Clear acrylic safety glass holder stores 20 pairs of safety glasses. Flip down door ensures dust free storage. Each compartment measures 2.75"W x 2.75"H x 6.625"D, while the entire holder measures 12.5"H x 15.25"W x 6.75"D. Includes holes for mounting to wall and feet for shelf mounting.

Unit	Stock #	PRICE
EA	081-2085	$121.34

Safety Goggle Holder with Door

Clear acrylic safety goggle holder stores 12 pairs of safety goggles. The flip down door ensures dust free storage. Each compartment measures 3.25"W x 3.75"H x 7.375"D, while the entire holder measures 12.25"H x 14.25"W x 7.75"D. Includes holes for mounting to wall and feet for shelf mounting.

Unit	Stock #	PRICE
EA	081-2090	$121.34

Prices subject to change.

Visitor Spec Dispenser Rack

Keep a rack mounted by all your processing area entrances for easy access. Holds one box of visitor specs. Rack is 10" high and holds boxes up to 7" wide and 4" deep. Black PVC-coated steel wire, can be mounted with screws or foam tape, included.

Unit	Stock #	PRICE
EA	081-2034	$47.83

Wire Basket for Safety Glasses/Goggles

Wall mountable PVC-coated wire basket attaches easily to walls with foam tape or screws. Holds up to 18 pairs of safety glasses or 12 pairs of goggles for easy access by employees or visitors. 12-3/8"W x 8"D x 4-1/2"H. Black.

Mfg. Part #	Unit	Stock #	PRICE
4004	EA	081-2055	$33.00

Safety Glasses Dispenser

This large dispenser will sit on a shelf or table for easy access to your supply of safety glasses or goggles. Wall mountable. White, high-impact styrene cases have clear lids for easy viewing. 3-1/2"H x 9"W x 6"D.

Unit	Stock #	PRICE
EA	081-2218	$34.14

Eyewear Cleaning Wipes

Perfect for cleaning eyewear, these individually wrapped pre-moistened wipes feature anti-fog, anti-static, silicone-free cleaning. Large 5" x 8" wipes are excellent on glass or polycarbonate lenses commonly used in the food industry. Dispenser box of 100 wipes.

Unit	Stock #	PRICE
BX	101-2901	$8.26

Uvex™ Fog Eliminator Cloth

With Uvex Fog Eliminator Cloths, workers who wear safety eyewear, googles or faceshields are better protected against the potentially dangerous temporary loss of vision that occurs when lenses fog up. Easy to use, reusable and safe for use on all types of lenses and lens coatings. Packaged in boxes of 100 individually wrapped towelettes.

Honeywell UVEX

Unit	Stock #	PRICE
BX	192-2195	$75.53

3M™ Super-Clear™ Disposable Lens Cleaning Station

The disposable Super-Clear lens cleaning station will encourage workers to maintain eyewear, leading to a decrease in accidents and increased savings by extending the life of the protective eyewear. Wall dispenser unit complete with 1500 tissues and one 16-oz bottle (with sprayer) of Super-Clear lens cleaning fluid. Ready-to-hang, sturdy cardboard dispenser measures 8-3/4"H x 11-1/4"W x 3-1/4"D.

Unit	Stock #	PRICE
EA	196-2095	$15.26

3M™ Super-Clear™ Lens Cleaning Fluid

Economical enough to keep extra bottles throughout the plant. Effectively cleans polycarbonate, glass, and plastic lenses. Anti-fog and anti-static formula. Fluid and spray pump sold separately.

Description	Unit	Stock #	PRICE
Lens cleaning fluid, pint bottle	BO	196-2097	$3.27
Pump sprayer for pint bottle	EA	196-2098	$1.19

Lens Care Tissues

4" x 5" tissues are packed 300 in a handy pop-up dispenser box. Non-abrasive, low-lint.

ALLEGRO

Unit	Stock #	PRICE
BX	101-2910	$1.86

Bausch & Lomb™ Fog Shield XP® Lens Cleaner

This 12-oz pump spray bottle of silicone solution provides exceptional eyeglass anti-fog protection.

Unit	Stock #	PRICE
BO	192-7284	$6.05

Call Customer Service at 800-826-8302

SAFETY GOGGLES

3M™ 332 Impact Safety Goggles

A dependable and economical choice that offers a sturdy polycarbonate lens, adjustable elastic strap and a wide opening to fit over prescription eyewear. It is built with an indirect venting system that circulates air and helps minimize fogging, allowing for use in varied environments and conditions. Meets ANSI Z87.1-2010 High Impact Requirements. 10 pair/case.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Clear/Clear	Uncoated	EA	196-2618	$2.11

3M™ 334 Splash Safety Goggles

One of the most economical goggle options available, 334 protective eyewear offers indirect venting, an adjustable elastic strap, and polycarbonate construction with over-the-glass coverage. Indoor or outdoor use safety goggles. Meets ANSI Z87.1-2003 High Impact Requirements. 10 pair/case.

Body Color/ Lens Tint	Lens Coating	Stock #	PRICE
Clear/Clear	Uncoated	196-2620	$2.29

3M™ GoggleGear™ 500 Series Splash Goggle

Keep vision clearer for workers on the job with goggles featuring Clear Scotchgard™ Anti-Fog Coating. Workers may enjoy reliable, clearer sight longer, because the coating, with its active ingredient, is bonded to the lens. The coating retains its effectiveness for at least 25 washings, and can be disinfected with diluted bleach soaking or alcohol wipes without losing its anti-fog performance. Other features include a low-profile design, adjustable strap, optional prescription insert (sold separately), and polycarbonate lens that absorbs 99% of UV rays. Meets the requirements of ANSI Z87.1 and CSA Z94.3. 10 pair/case.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Gray/Red/Clear	Anti-Fog	PR	196-2760	$13.71

Uvex Carbonvision™ Goggles

Boasts exceptional performance in a compact, lightweight, comfortable design that workers look for in a goggle. Weighing in at just over an ounce and a half, the Uvex Carbonvision goggle is one of the lightest wide-view goggles on the market. Now wearers can work for longer periods without the distractions and problems caused by discomfort, thereby increasing productivity and promoting a safer workplace. Goggles feature a fabric headband as well as Dura-streme® dual anti-fog/anti-scratch coating technology. Meets the ANSI Z87.1-2010 Standard.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Clear	Dura-streme HC/AF	PR	192-7038	$12.65

3M™ Centurion™ Splash Safety Goggles

The durable Centurion vented safety impact goggle is reliable protective eyewear, featuring a wide-angle wraparound frame design with distinct "side-to-side" peripheral vision and a large lens opening to accommodate prescription and safety eyewear. Indirect venting system minimizes fogging. Meets the High Impact Standards of ANSI Z87.1-2010. 10 pair/case.

Model	Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
454	Clear/Clear	Anti-Fog	EA	196-2610	$6.67
454AF	Clear/Clear	Anti-Fog	EA	196-2615	$7.95

Jackson Safety* V80 Monogoggle* VPC Goggle Protection

Indirect ventilation ideal for splash protection. Pantascopic design improves work-area visibility. Soft, pliable nosepiece. Headband buckle located towards rear of goggle to avoid peripheral vision interference. Can be worn over most prescription glasses. Meets ANSI Z87.1+standards for high impact.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Bronze/Clear	Anti-Fog	PR	192-7099	$8.43

Prices subject to change.

Uvex Stealth Goggles

Combines modern design, technology, materials and high-performance lens coatings to create the highest levels of worker comfort and acceptance. Futuristic, low profile design for chemical splash and impact. Dura-streme™ technology option delivers Uvextreme® anti-fog protection on the interior of the lens and Ultra-dura® hardcoat on the exterior of the lens for greater chemical and scratch resistance and longer lens life. Meets ANSI Z87+ (High Impact) standard. 10 pair/case.

Body Color/ Lens Tint	Lens coating	Unit	Stock #	PRICE
Gray/Clear	Dura-streme HC/AF	PR	197-2850	$11.26
Teal-Gray/Clear	Dura-streme HC/AF	PR	197-2854	$12.06

Uvex Stealth® OTG Goggles

Over-the-glass style goggle offers modern design coupled with premier performance, comfort, and adjustability features. The low-profile, wraparound style provides complete coverage designed for all-day wear, while the high quality elastomer body conforms to facial contours for a secure, gap-like fit. Neoprene wide adjustable-slide headband provides a range of adjustability. Ideal for impact, dust/airborne particles, chemical splash, and optical radiation. Meets ANSI Z87+ (High Impact) standards. 10 pair/case.

Body Color/ Lens Tint	Lens coating	Unit	Stock #	PRICE
Navy/Clear	Dura-streme™ HC/AF	PR	197-2855	$13.59

Verdict® Foam-Lined Goggles

Our premium Verdict goggle can be worn with most half-mask respirators and fits over most prescription frames. Transparent gray vinyl frame is foam-lined to cushion the face and provide a tighter seal against particulates. Clear lens and an adjustable elastic headband. 99.9% UV protection. Meets ANSI Z87.1+ standards.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Gray/Clear	Scratch-Resistant	PR	192-2773	$5.75

Odyssey® II Shade 5 IR Cutting Goggles

Ultra comfortable, soft body goggle offers a snug seal and complete panoramic vision. Indirect vents on top and bottom protect against liquids and dust while permitting indirect ventilation. Features an adjustable fire retardant wide band. Fits over prescription eyewear. Meets ANSI Z87+ High Impact Requirements.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Black/Shade 5.0 Green	Anti-Fog	PR	192-2036	$14.88

Odyssey® II Goggles

Features an ultra-comfortable, soft goggle body with a snug seal. Indirect vents on top and bottom provide protection against liquids and dust while allowing indirect ventilation. These chemical splash goggles offer wide panoramic vision, and an adjustable headband to assure a proper fit. Fits over most prescription glasses. Meets ANSI Z87+ High Impact Requirements.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Blue/Clear	Anti-Fog, Scratch-Resistant	PR	192-2037	$14.63

Jackson Safety* V80 Monogoggle Safety Goggles

Splash protection goggle in a two-piece frame with a separate soft, cushioning nose piece for enhanced fit and comfort. Indirect ventilation provides increased airflow and minimizes condensation and fogging while protecting from splashes. Clear, anti-fog polycarbonate lens is ideal for humid environments and temperature variances. Meets ANSI Z87.1+ standards for high impact with a D3 rating for droplet and splash protection.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Green/Clear	Anti-Fog	PR	192-7040	$8.45

Call Customer Service at 800-826-8302

HEAD & FACE PROTECTION

Jackson Safety* V90 Monoshield Safety Goggles Shield

Monogoggle* 211 goggles integrated into a face shield to provide full eye and face protection from liquids without the hassle of primary eye protection underneath a face shield. Clear, see-through material allows for easy worker identification. Fits over most prescription eyeglasses and can be worn with most caps and disposable respirators. Clear, polycarbonate hardcoat lens for scratch resistance and longer life. Meets ANSI Z87.1+ standards for high impact with a D3 rating for droplet and splash protection.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Clear/Clear	Scratch-Resistant	EA	192-7039	$32.86

Jackson Safety* V90 Shield* Safety Goggles

Monogoggle* XTR goggles integrated into a faceshield to provide full eye and face protection from liquids without the hassle of primary eye protection underneath a face shield. Curved face shield conforms to the shape of the face for added protections. Shield detaches from the goggles for a 2-in-1 solution. Fits over most prescription eyeglasses. Clear polycarbonate, anti-fog lenses to prevent fogging. Ideal for humid environments and temperature variances. Blue frame. Meets ANSI Z87.1+ standards for high impact with a D3 rating for droplet and splash protection.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Blue/Clear	Anti-Fog	EA	192-7031	$20.10

3M™ Modul-R™ Safety Goggle

Modul-R protective splash safety goggles offer a wider viewing area, strong polycarbonate lens construction and a flexible strap to provide full profile protection. Splash shield has an adjustable venting system to minimize fog. Meets the High Impact Requirements of ANSI Z87.1-2003. 10/case.

Body Color/ Lens Tint	Lens Coating	Unit	Stock #	PRICE
Clear/Clear	Anti-Fog	EA	196-2600	$17.49

3M™ Ratchet Headgear

For use with any 3M™ Easy-Change™ Faceshields (sold separately). High-strength thermoplastic crown provides impact resistance and face protection. Adjustable ratchet suspension with five position crown strap. Meets the high impact requirements of ANSI Z87.1-2003. 10/case.

Description	Unit	Stock #	PRICE
Headgear			
Ratchet Headgear	EA	196-2440	$14.05
Faceshield - 9" tall x 14.5" wide x 0.08 thick			
Clear propionate for splash protection	EA	196-2450	$6.97
Clear polycarbonate for impact protection	EA	196-2452	$6.54

3M™ Ratchet Headgear with 3M™ Clear Chin Protection

Clear chin protector allows downward visibility. Its smaller size increases mobility, creating a greater viewing area. Ratchet headgear is comfortable for all-day use. Order a headgear (#196-7035) and a faceshield (#196-7034) for a complete unit. Meets the requirements of ANSI Z87.1-2003.

Description	Unit	Stock #	PRICE
Headgear	EA	196-7035	$19.34
Faceshield	EA	196-7034	$6.85
Replacement chin guard	EA	196-7045	$8.34

3M™ Ratchet Headgear with 3M™ Clear Polycarbonate Faceshield

A combination headgear and faceshield safety system that provides protection in working environments with sparks, chips, and debris. This safety system includes H8A ratchet headgear and a WP96 polycarbonate faceshield. An adjustable thirteen position ratchet suspension and five position crown strap offers customized settings for individual users. The clear, molded faceshield provides unrestricted visibility and high impact protection. Meet the requirements of ANSI Z87.1-2003. 5/case. Requires protective eyewear, sold separately.

Unit	Stock #	PRICE
EA	196-2451	$23.55

Prices subject to change.

Uvex Turboshield™

Provides superior comfort for longer wear, the easiest visor exchange available, and optimal balance when used with a hard hat. The Uvex Turboshield system is perfect for workers exposed to falling or flying objects, impact, splash, and airborne debris. It can also be comfortable worn with most goggles, respirators, and earmuffs. Order visor separately. Meets ANSI Z87.1-2010.

Honeywell UVEX

Description	Unit	Stock #	PRICE
Ratchet Headgear	EA	197-7050	$18.26
Polycarbonate Clear Visor, Hardcoat/Anti-fog	EA	197-7051	$25.17
Hard Hat Adapter	EA	197-7049	$18.26

Uvex Bionic® Shield

A revolutionary face shield designed for rugged jobs. Perfect for workers exposed to falling or flying objects, impact, chemical splash, and airborne debris. Excellent optics provide increased visibility. Lightweight, balanced, ergonomic design for extended use and dual position headgear provides a customizable fit. Can be comfortably worn with most goggles and respirators. Black body with clear anti-fog/hardcoat polycarbonate lens.
Meets ANSI Z87.1-2010 Standard.

Honeywell UVEX

Unit	Stock #	PRICE
EA	523-1001	$35.77

XO Skeleton® 104 Headgear/Faceshield Set

An integrated one piece molded polycarbonate faceshield for an economical price. Clear, scratch-resistant coated window. Terrycloth sweatband. Meets ANSI Z87.1+ Standards.

CREWS

Unit	Stock #	PRICE
ST	197-2215	$20.89

Dual Crown High Performance® Faceshield

Deeper 4" crown protector extends protection without increasing weight. Incorporates wide-vision (17" x 8") wraparound and screens which provide 40% more protective area than standard size faceshields. Fits easily over required spectacles or respirators. Includes ratchet adjustable headgear, clear window, and protective chin cap. Replacement windows available.

Honeywell NORTH

Description	Unit	Stock #	PRICE
Complete faceshield	EA	213-2140	$32.34
Replacement window only	EA	213-2141	$9.30

Salisbury Pro-Shield™ Arc Flash Faceshield

Protect your employees from arc flash without sacrificing visibility! The 70% visual transmission is the best in the industry, offering truer color recognition. 10 cal/cm2 protection. The anti-fog faceshield has a thickness of .06", measures 7" x 20" and includes a chin cup. The complete hard hat system includes an orange hard hat.

Honeywell SALISBURY

Description	Unit	Stock #	PRICE
Complete hard hat system	EA	192-7209	$106.05
Replacement window only	EA	192-7157	$105.27

BC86 Deluxe Bump Caps

This low-hazard bump cap is well-ventilated and lightweight for total wearer comfort. HDPE shell, 4-point suspension, pinlock adjustment. Popular with food processors, this cap is ideal for work areas not requiring ANSI hard hat protection. Vinyl sweatband can be sanitized. Available in six colors to maintain all of your color-coded programs or visitor requirements.

Honeywell NORTH

Color	Unit	Stock #	PRICE
White	EA	523-2270	$4.30
Red	EA	523-2272	$4.30
Yellow	EA	523-2271	$4.30
Blue	EA	523-2274	$4.30
Green	EA	523-2273	$4.30
Orange	EA	523-2275	$4.30

Call Customer Service at 800-826-8302

HEAD & FACE PROTECTION

MSA Bump Caps

Reduce employee exposure to abrasions and lacerations due to minor bumps with this high-density, polyethylene bump cap. Perforated sides allow better air flow across the head, making it popular with food processing personnel. Smooth, rounded surface is easy to clean and sanitize. Adjustable sizing. Six colors available for all your color-coding requirements. Not ANSI approved head protection. 40 each/case.

Color	Unit	Stock #	PRICE
White	EA	213-4010	$5.79
Red	EA	213-4015	$5.87
Yellow	EA	213-4020	$5.79
Blue	EA	213-4025	$5.87
Green	EA	213-4030	$5.55
Orange	EA	213-4035	$5.87

Jackson Safety* Bump Cap with Visor Attachment

Perfect for maintenance and sanitation personnel needing head and face protection. Clear PETG visor fits these BC100 high-density polyethylene caps that have attachment knobs. Cap, available in four colors, is lightweight for comfort with a smooth dome, leaving no crevices for buildup. Visors and caps sold separately. Visor measures 6"W x 15.5"L.

JACKSON

Color	Pkg	Unit	Stock #	PRICE
Bump Caps w/ attachment knobs				
White	12/ca	CA	192-7592	$107.49
Blue	12/ca	CA	192-7593	$107.49
Green	12/ca	CA	192-7594	$107.49
Orange	12/ca	CA	192-7591	$107.49
Visor				
Clear	36/ca	CA	192-7598	$117.42

Jackson Safety* C10 Bump Cap

Molded from high density polyethylene (HDPE), these caps are only 8-oz. Smooth dome leaves a low profile design. Absorbent terry cloth brow pad and 4-point suspension with pinlock adjustment. Not ANSI approved head protection. 12/case.

JACKSON

Color	Unit	Stock #	PRICE
White	EA	192-7585	$4.92
Blue	EA	192-7586	$4.92
Green	EA	192-7587	$4.92

3M™ H701R Hard Hats

3M

Protective hard hat with comfortable 4-point ratchet suspension and standard brow pad. Suspension sits lower on head to reduce pressure and increase security. Hard hat features accessory slots for ear muff attachment and/or headgear and face shield attachment. Smooth, easy turning ratchet suspension. Meets requirements of ANSI Z89. 1-2009 Type 1, Class C, G and E. 20/case.

Color	Unit	Stock #	PRICE
White	EA	196-2701	$10.02
Red	EA	196-2705	$10.02
Yellow	EA	196-2702	$10.02
Blue	EA	196-2703	$10.02
Green	EA	196-2704	$10.02
Orange	EA	196-2706	$10.02

North Peak A79R Hard Hat

Honeywell
NORTH

A versatile and dependable design, with grooved HDPE outer shell, rain trough and accessory slots. Features 4-point nylon suspension, and ratchet size adjustment. Meets ANSI Z89.1-2009.

Color	Unit	Stock #	PRICE
White	EA	523-2632	$11.50
Red	EA	523-2642	$11.50
Yellow	EA	523-2631	$11.50
Blue	EA	523-2643	$11.50
Green	EA	523-2641	$11.50
Orange	EA	523-2633	$11.50

Hard Hat Safety Signs found on page 149.

Prices subject to change.

HEAD & FACE PROTECTION

North Zone™ Hard Hat

The North Zone hard hat has a sleek, modern shell combined with a patented suspension design featuring multiple adjustment points for size, height and snugness; easily removable and replaceable. With it's personalized fit and individualized comfort, the North Zone is an ideal general purpose hard hat for most any industry. Meets ANSI/ISEA Z89.1 2014 Type 1, class C, G and E Standard.

Color	Unit	Stock #	PRICE
White	EA	196-3710	$13.77
Red	EA	196-3715	$13.77
Yellow	EA	196-3711	$13.77
Sky Blue	EA	196-3714	$13.77
Green	EA	196-3713	$13.77
Orange	EA	196-3712	$13.77

BUMP CAP/HARD HAT ACCESSORIES

OccuNomix Traditional Sweatbands

Wear under hairnets, bump caps, or face shields to keep workers cool and comfortable on a hot job. The soft, sanitized sponge absorbs perspiration before it trickles into face. May be used dry or dampen first in cold water. Blue. 25/pack.

Description	Unit	Stock #	PRICE
Elastic band	PK	688-2552	$11.86

Cooling Skull Cap

Contains unique water-activated cooling crystals. Immerse in cold water for 5-9 minutes to keep you cool up to 72 hours. Four discs are contoured to fit inside most hats, including hard hats. Hook/loop tabs attach easily. Royal blue.

ALLEGRO

Unit	Stock #	PRICE
EA	101-2611	$3.65

Hard Hat Cooling Liner

Immerse liner in cold water for 5-9 minutes to activate unique crystals that keep you cool all day. Attaches to hat suspension with hook/loop. One size. Liner is 100% cotton shell. Hand washable. Royal blue.

ALLEGRO

Unit	Stock #	PRICE
EA	101-2607	$5.68

Classic Mid-length Winter Liner

Keep warm in low temperatures with this cotton twill hard hat liner with extra neck protection. Features include a heavyweight fleece lining, DuPont Thermotex ear barriers for wind protection, and reflective strip for work in dark conditions. Navy.

Unit	Stock #	PRICE
EA	197-2311	$5.09

Call Customer Service at 800-826-8302

BUMP CAP/HARD HAT ACCESSORIES

DISPOSABLE RESPIRATORS

Hard Hat/Coat/Purse Racks

These heavy-duty wire racks are perfect for your personal office space. Two hooks provide a way to keep items off the floor and out of the way. Choose from 2 styles for hanging. 18-3/4"H x 3"W x 6-1/2"D.

RACK'EM™

Description	Unit	Stock #	PRICE
Over-the-door	EA	081-2024	$28.17
Over-the-cubical wall	EA	081-2023	$25.82

Hard Hat Rack

Keep your hard hat or bump cap exactly where you need it - in your vehicle, office, or anywhere in the facility. Choose Secure-Mount foam tape or heavy-duty magnetic mount. 2.5"H x 2.5"W x 2"D.

RACK'EM™

Mount	Unit	Stock #	PRICE
Foam Tape	EA	081-2065	$18.47
Magnetic	EA	081-2022	$25.82

Hard Hat and Coat Rack

Place a convenient rack next to visitor entrances and office areas to hold bump caps, hard hats, lab coats, jackets, or purses. Heavy-duty steel is PVC-coated. It can be mounted with foam tape or screws. 4 heavy-duty hooks. Black. 22-1/2"H x 14"W x 2-1/4"D.

RACK'EM™

Unit	Stock #	PRICE
EA	081-2060	$30.51

4-Person PPE Storage Rack

This cleverly designed rack will hold the Personal Protective Equipment (PPE) for 4 employees in only 22" of wall space. Eight heavy-duty hooks hold rain gear, coats, hard hats, ear muffs, etc. Four sets of wire "teepees" hold gloves open to dry out. Wire shelf for safety glasses, ear muffs, and accessories. Mounting brackets are spaced 16" apart to match wall studs (screws included). Green PVC coated steel wire. Size: 20"H x 22"W x 7.5"D.

RACK'EM™

Unit	Stock #	PRICE
EA	081-2080	$59.35

Disposable Face Mask with Ear Loops

Ideal for basic barrier protection. This three-ply mask is latex free, flame resistant, and packed in a convenient dispenser box. Soft ear loops and an adjustable nose clip for a comfortable fit. Blue. 50/box; 10 boxes/case.

KEYSTONE SAFETY
SINCE 1935
A Division of Keystone Adjustable Cap Company, Inc.

Unit	Stock #	PRICE
BX	358-7064	$2.68

Surgical-Style Face Masks

Pleated surgical-style face masks with elastic ear loops or self-ties. Moldable metal nosepiece for snug fit. Prevent contamination of your food product from airborne bacteria. Light blue. Not NIOSH approved. Available with string ties or elastic ear loops. 300/case.

CELLUCAP MANUFACTURING

Style	Unit	Stock #	PRICE
String ties	CA	364-7152	$33.99
Elastic ear loops	CA	364-7155	$33.99

SaniWear™ Nuisance Dust Mask

Soft fiber construction and an adjustable nosepiece provide superb comfort and fit. Use for economical relief from nuisance dusts and pollen. White. Not NIOSH approved. 50/box; 12 boxes/case.

SaniWear™

Unit	Stock #	PRICE
BX	488-2605	$5.65

SaniWear™ Disposable Particulate Respirator

Extremely durable with a soft and comfortable inner surface, an adjustable nose piece, and secured head-straps to provide a proper fit. NIOSH N95 approved and is effective against dusts, metal fumes, microorganisms, and particulate aerosols free of oil. Available with or without a valve. 12 boxes/case.

SaniWear™

Description	Pkg	Unit	Stock #	PRICE
N95 w/o Valve	20/bx	BX	488-2610	$9.73
N95 w/Valve	10/bx	BX	488-2615	$9.83

Prices subject to change.

DISPOSABLE RESPIRATORS

SAF-T-FIT® Plus N1125 Particulate Respirator

Ideal for hot and dusty applications, this disposable respirator offers low breathing resistance in a lightweight design. Features an adjustable boomerang nose seal for a secure fit, plus the nose seal is color-coded for easy size recognition. Equipped with an exhalation valve for ease of breathing and exceptional comfort during extended wear. Latex-free molded cup design with durable suspension straps. NOISH 95 approved. 20/box; 10 boxes/case.

Size	Unit	Stock #	PRICE
S	BX	523-2113	$37.91
M/L	BX	523-2111	$37.91
XL	BX	523-2116	$37.91

SAF-T-FIT® Plus P1130 Particulate Respirator

NIOSH approved P100 disposable respirator provides 99.97% particulate efficiency against oil and non-oil based particulates. Features a full-face seal and valve for a secure and comfortable fit. Nose clip is color-coded for easy size recognition. Latex-free molded cup design with durable suspension straps. 10/case.

Size	Unit	Stock #	PRICE
S	EA	523-2112	$8.23
M/L	EA	523-2104	$8.23
XL	EA	523-2114	$8.23

MOLDEX® Particulate Respirators

NIOSH N95 approved for respiratory protection against dust and mists free of oil. Polymesh outer shell resists collapsing and protects the filter against heat and humidity. 100% PVC-Free. Size Medium/Large. Available with or without an exhale valve. 20/box.

Model	Description	Pkg	Unit	Stock #	PRICE
2200N95	w/o Exhale Valve	20/bx	BX	213-2212	$21.02
2300N95	w/ Exhale Valve	10/bx	BX	213-7000	$25.63

MOLDEX® Disposable Organic Vapor Respirators

Exhalation valve reduces hot air build-up for increased comfort. The collapse resistant poly mesh shell lasts longer, while the added sorbent will filter out nuisance levels of ozone and organic vapors. This NIOSH N95 approved respirator is 95% effective against solid and liquid aerosols that do not contain oil. 100% PVC-Free. Size Medium/Large. 10/box, 10 boxes/case.

Model	Unit	Stock #	PRICE
2400N95	BX	192-7061	$43.15

3M™ Disposable Respirators

Classic disposable N95 particulate respirator is designed to help provide comfortable, reliable worker respiratory protection against certain non-oil based particles. The two-strap design with welded dual point attachment helps provide a secure seal, while the cushioning nose foam and adjustable noseclip helps provide a custom fit. Lightweight construction promotes greater worker acceptance and may help increase wear time. Incorporates 3M's proprietary technology with advanced electrostatically charged microfiber filter media designed for ease of breathing. This respirator is compatible with a variety of protective eyewear and hearing protection. NIOSH approved.

Model	Description	Pkg	Unit	Stock #	PRICE
8210	N95 w/o valve (shown)	20/bx	BX	455-8210	$15.67
8511	N95 w/valve	10/bx	BX	455-8511	$20.10

3M™ Aura™ Particulate Respirator 9211+

A breakthrough in comfort and convenience. This three-panel disposable flat-fold respirator features soft inner material and 3M Cool Flow™ Valve to help provide comfortable, reliable worker respiratory protection. Ideally suited for hot/dusty work settings that require long periods of wear. The comfortable braided headbands help keep the respirator securely in place and minimizes pulling of hair, while the curved low profile design conforms well to nose and eye contours, allowing more room for eyewear. Designed to direct exhaled air away from the nose panel, helping to reduce eyewear fogging. N95 approved. 10/box; 12 boxes/case.

Unit	Stock #	PRICE
BX	196-2899	$22.00

Call Customer Service at 800-826-8302

DISPOSABLE RESPIRATORS

REUSABLE RESPIRATORS

3M™ Particulate Respirator 8247

This disposable NIOSH approved R95 particulate respirator helps provide reliable respiratory protection against certain oil and non-oil based particulates. Constructed with a carbon filter layer for nuisance levels of organic vapors. It's adjustable noseclip and soft nose foam helps provide a custom fit with secure seal and reduces potential for eyewear fogging. These features, along with the lightweight construction promote greater worker acceptance and may help increase wear time. 20/box; 6 boxes/case.

Model	Description	Pkg	Unit	Stock #	PRICE
8247	R95 w/ carbon filter	20/bx	BX	455-8247	$42.44

Universal Dispenser Box Rack

Universal rack holds any dispenser box up to 40" around, and up to 3 pounds. Use for earplug boxes, eyewear cleaning wipes, unit dose medications, disposable respirators, hairnets, gloves, and more. Box is secured to rack with extra-long Velcro® straps. Black. 12 each/case.

Unit	Stock #	PRICE
EA	081-2045	$32.53

REUSABLE RESPIRATORS

4200 Series Half Mask Respirator

Cradle suspension with "parking" feature assures mask is handy and at the ready. Latex free. North CFR-1 half masks are ideal for dusty environments that require frequent change out of filters. Includes one set of N95 filters. Top and bottom headstraps adjust in a single motion for quick and easy donning. Replacement filters available (sold separately).

Description	Unit	Stock #	PRICE
Small mask	EA	192-7149	$13.74
Medium mask	EA	192-7185	$17.31
Large mask	EA	192-7186	$11.61
Replacement N95 filters, 20 ea/bx	BX	192-7187	$16.22

5501N95 Half Mask Respirator Convenience Pack

A low-cost 5500 half mask respirator with (2) N75001L organic vapor cartridges and (2) N95 filters for all particulates, for a simple, ready to use solution for everyday protection. Soft elastomer facepiece is reusable, yet economical enough to be disposable.

Size	Unit	Stock #	PRICE
S	EA	523-2601	$30.89
M	EA	523-2602	$30.90
L	EA	523-2603	$30.90

North® 5500 Half Mask Respirator

Economic elastomeric half mask is loaded with safety features. A wide contoured sealing area provides a great fit. Latex free straps stretch and move with the worker while providing optimum support. Upper headstraps have minimum give to provide secure support. Various thickness in sealing area for improved comfort and support - more support around the chin area and more flexibility on the nose bridge. The low "dead air" space limits re-breathing of exhaled air for increased comfort and worker productivity. Cartridges sold separately.

Size	Unit	Stock #	PRICE
S	EA	523-2101	$13.41
M	EA	523-2102	$13.41
L	EA	523-2103	$13.41
Accessories			
770016 Replacement cartridge connector, 2/pk	PK	523-2106	$28.46

Like the convenience of ordering online?

Check our our website at nelsonjameson.com

Prices subject to change.

North® 7700 Series Silicone Half Mask Respirator

Comfortable and durable, this half mask respirator is made of soft silicone material that conforms to facial features. Mask does not harden with age, is non-allergenic, and is easy to clean. Excellent contour design and cradle suspension provide great comfort and fit. Low profile design gives workers a wide field of vision. Cartridges sold separately.

Size	Unit	Stock #	PRICE
S	EA	523-2650	$30.29
M	EA	523-2651	$27.54
L	PR	192-2024	$19.99

Accessories

770016 Replacement cartridge connector, 2/pk	PK	523-2106	$28.46

North® 5400 Full Facepiece Respirator

5400 series respirators offer the best value you can find in a full facepiece. North innovation, quality and attention to detail come together in an economically priced mask with many standard features the competition consider optional. Respirator can be adapted to PAPR or Supplied Air, flexible for multiple work environments. The oral nasal cup reduces fogging and lessens dead air space to improve worker comfort by limiting re-breathing of exhaled air, and the handy chin cup helps to position the facepiece properly. The 5400 series also features a hard-coated polycarbonate lens that affords an over 200° field of vision, provides excellent optics, is scratch resistant, and meets ANSI standards for impact and penetration resistance. North 5400 Series Full Facepieces are compatible with all North cartridges, filters and accessories (sold separately).

Size	Unit	Stock #	PRICE
S	EA	523-7194	$115.16
M/L	EA	192-7194	$115.16

Accessories

80100-H5 Spectacle kit	KT	192-7216	$68.85
80757 Replacement headstrap w/ hardware	EA	192-7217	$28.92
770016 Replacement cartridge connector, 2/pk	PK	523-2106	$28.46

North® 7600 Full Facepiece Respirator

The most comfortable full facepiece mask available. Double flange sealing area made from medical grade silicone for a comfortable fit and optimum facepiece to face seal. Polycarbonate lens offers 200° field of vision and downward view for optimal viewing area in all directions and meets ANSI requirements for high impact. Nose cup provides less dead air space and channels exhaled breath, reducing fogging and increasing worker comfort. Speech diaphragm is standard, which provides clarity of speech for improved communication. NIOSH approved with PAPR and Supplied Air to offer flexibility in the workplace. Cartridges sold separately.

Size	Unit	Stock #	PRICE
S	EA	192-7223	$234.09
M/L	EA	192-7214	$234.09

Accessories

80100-H5 Spectacle kit	KT	192-7216	$68.85
770016 Replacement cartridge connector, 2/pk	PK	523-2106	$28.46

North® N-Series Respirator Cartridges and Filters

Use with all North brand half-mask or full-face respirators.

Model No.	Color	Description	Unit	Stock #	PRICE
Gas and Vapor Cartridges					
N75001L	Black	Organic Vapor	PR	192-7097	$11.96
N75003L	Yellow	Organic Vapor and Acid Gases (Chlorine, Hydrogen Chloride, Sulfer Dioxide, Hydrogen Fluoride, Hydrogen Sulfide, Chlorine Dioxide)	PR	192-7190	$11.80
N75004L	Green	Ammonia and Methylamine	PR	192-7195	$13.24
Combination Gas and Vapor Cartridges with P100 Particulate Filters					
75SCP100L	Olive/ Magenta	Defender™ Multi-Purpose cartridge w/ P100 filter	PR	192-7191	$22.95
Particulate Filters					
7580P100L	Magenta	P100 Filter, 99.97% efficiency for all particulates	PR	523-2630	$8.26

Call Customer Service at 800-826-8302

REUSABLE RESPIRATORS

3M™ Half Facepiece Disposable Respirator Assembly 5101, Organic Vapor

Features permanently attached cartridges that are NIOSH approved for respiratory protection against certain organic vapors. Lightweight well-balanced design enhances comfort. Disposable model helps reduce maintenance for greater convenience. Half facepiece design is ideal for intermittent use.

Size	Unit	Stock #	PRICE
S	EA	196-2862	$16.09
M	EA	196-2817	$17.04
L	EA	196-2818	$16.13

3M™ 6500 Series Rugged Comfort Half Facepiece Respirator

Helps provide respiratory protection in harsh, dirty environments against airborne contaminants when used with approved 3M cartridges and filters (sold separately). Resilient silicone faceseal provides comfort, durability, and stability with a soft but firm seal. Proprietary Cool Flow™ valve helps reduce heat and moisture. Exhalation valve cover helps to direct exhaled breath and moisture downward to reduce fogging of eyewear. 10/case.

Size	Unit	Stock #	PRICE
S	EA	455-6501	$18.10
M	EA	455-6502	$18.10
L	EA	455-6503	$18.10

3M™ 6000 Series Full Face Respirator

Lightweight well-balanced design with silicone faceshield for enhanced comfort, durability and ease of cleaning. Combine with appropriate 3M particulate filters or cartridges (sold separately) to help provide respiratory protection against particulates and/or a variety of gases and vapors. Features a large lens for wide field of view, and silicone faceseal for great comfort and durability as well as a 3M™ Cool Flow™ Valve making breathing easier to provide cool, dry comfort. 4/case.

Size	Unit	Stock #	PRICE
S	EA	455-6800	$138.07
M	EA	455-6700	$138.07
L	EA	455-6900	$138.07

3M™ Ultimate FX Full Facepiece Respirator

Engineered for maximum comfort, durability, and visibility, the Ultimate FX FF-400 is the only respirator with 3M Scotchgard™ Protector. The silicone full facepiece design offers comfort, durability, and ease of cleaning. 3M CoolFlow™ Valve makes breathing easier to provide cool, dry comfort. Large lens provides a wide field of view for excellent visibility. NIOSH approved with various cartridges, filters, and supplied air systems (sold separately).

Size	Unit	Stock #	PRICE
S	EA	196-7067	$197.62
M	EA	196-7068	$197.62
L	EA	196-7069	$197.62

Prices subject to change.

3M™ Respirator Cartridges & Filters

All 3M Particulate Filters and Gas/Vapor Cartridges can be used interchangeably with 3M Reusable Respirators 6000, 6500, 7000 and FF-400 series.

Description	Unit	Stock #	PRICE
Particulate Filters			
Particulate Filter, P100, 2/pk	PK	196-2839	$6.64
Particulate Filter, P100, with nuisance level acid gas relief, 2/pk	PK	196-2840	$9.11
Gas/Vapor Cartridges 6000 Series			
Cartridge, Organic Vapor, 2/pk	PK	196-2832	$11.17
Cartridge, Ammonia/Methylamine, 2/pk	PK	196-2864	$13.41
Cartridge, Multi-Gas/Vapor, 2/pk	PK	196-6006	$11.97
Combination Cartridges/P100 Particulate Filters 6000 Series			
Cartridge/Filter, Organic Vapor/Acid Gas/ P100, 2/pk	PK	196-2837	$22.08
Cartridge/Filter, Ammonia/Methylamine/ P100, 2/pk	PK	196-2866	$25.26
Cartridge/Filter, Multi-Gas/Vapor/P100, 2/pk	PK	196-2838	$24.08

3M™ Particulate Filters

NIOSH approved for environments containing certain oil and non-oil based particles. Use with 3M Respirators 5000 series or 3M Cartridges 6000 Series, and 3M Filter Retainer 501.

Model #	Description	Unit	Stock #	PRICE
5N11	Certain non-oil based particles, 10/bx	BX	196-2910	$16.13
5P71	Certain oil and non-oil based particles, 10/bx	BX	196-2911	$19.46
501	Filter Retainer, 20/bx	BX	196-2844	$39.41

Spray Sock Hoods

Provides comfortable protection for your head and neck against overspray and other particulates. Spray sock can be worn with goggles, half mask or full mask respirators. The stretch knit material is breathable and cool to wear, even in warm food procesing environments. One size fits all.

Pkg	Unit	Stock #	PRICE
12/pk	PK	101-2812	$12.90
144/ca	CA	101-2815	$150.78

Call Customer Service at 800-826-8302

ERGONOMICS

Ergonomic Products

Carpal tunnel syndrome, tendonitis, muscle strains, and other physical ailments can occur in any workplace. Reduce the number of repetitive strain injuries with our line of unique, patented support systems. Our back, wrist, elbow, knee, and ankle supports combine the highest quality materials and designs to help keep your plant's workforce healthy and productive.

Flexbak® Back Supports

Our top-of-the-line back supports feature a unique 3-part support system. These 9″ medical-style trusses use 2 internal support panels above and below the waist, surrounded by a 3rd elastic panel to produce maximum bracing without pinching or riding up. Washable. Black. Detachable suspenders included.

Waist Size	Unit	Stock #	PRICE
S (26 to 36")	EA	101-2102	$34.76
M (36 to 48")	EA	101-2103	$34.76
L (48 to 58")	EA	101-2104	$34.76
XL (58 to 68″)	EA	101-2105	$34.76

Spanbak™ Back Support

Spanbak features a 2-part closing design in breathable spandex backed with rubber grip webbing to help prevent ride-up. Polyethylene plastic stays provide support and strength. Easy care, washable belt is 8″ wide with hook and loop closure to allow adjustability. Black. Detachable suspenders included.

Waist Size	Unit	Stock #	PRICE
S (33 to 36")	EA	101-2152	$16.59
M (37 to 40")	EA	101-2153	$16.59
L (41 to 44")	EA	101-2154	$16.59
XL (45 to 48")	EA	101-2155	$16.59
2XL (49 to 54")	EA	101-2156	$16.59

MaxRist® Wrist Support

Eliminate the symptoms associated with repetitive strains with this lightweight and flexible support. Restrictive metal spoon-shaped stay fits in the palm and does not hinder finger movement. Left and right sold individually. Black. Sizes: Small (7-8″), Medium (8-9″), Large (9-10″), and XL (10-11″). Measure around widest part of palm for sizing.

Size	Unit	Stock #	PRICE
Right Hand Wrist Support			
S	EA	101-2202	$14.52
M	EA	101-2203	$14.52
L	EA	101-2204	$14.52
XL	EA	101-2205	$14.52
Left Hand Wrist Support			
S	EA	101-2212	$14.52
M	EA	101-2213	$14.52
L	EA	101-2214	$14.52
XL	EA	101-2215	$14.52

Thin Flexrist™ Wrist Support

Extra-thin (1/16″ Neoprene) fits easily under all styles of work gloves for extra support. Wraparound style with Velcro® closure. Can be worn on either hand. Black. One size fits most.

Unit	Stock #	PRICE
EA	101-2220	$6.41

Prices subject to change.

OK-1® Leather Anti-Vibration Gloves

Full-grain leather gloves with Visco-polymer padding covering the palm, fingers, and tumb to protect from vibration and impact. Padding also produces a form-fit, reducing hand fatigue. The full-finger design with 4-way stretch nylon back and soft terry wristband make this a durable work glove. Leather tab closure with adjustable hook and loop closure. Tan/Black.

Description	Size	Unit	Stock #	PRICE
Left hand	L	EA	192-2160	$21.78
Left hand	XL	EA	192-2161	$23.58
Right Hand	L	EA	192-2164	$24.63
Right Hand	XL	EA	192-2165	$27.14

Ergodyne® Pro Flex® 650 Neoprene Elbow Sleeve

Contoured pre-curve design conforms to the body's natural shape, while the perforated neoprene body and spandex mesh in the elbow crease allows for breathability. Ambidextrous.

Size	Fits Elbow	Unit	Stock #	PRICE
S	9" - 10"	EA	213-4060	$9.41
M	10" - 11"	EA	213-4061	$9.41
L	11" - 12"	EA	213-4062	$9.41
XL	12" - 13"	EA	213-4063	$10.27
2XL	13" - 16"	EA	213-4064	$9.41

Rist-Rap™ Wrist Support

Provide extra wrist support for heavy lifting with this comfortable elastic wrapping with Velcro® closure. Available with or without thumb loop. One size fits most.

ALLEGRO

Color	Unit	Stock #	PRICE
Black	PR	101-2225	$3.62
Black, with thumb loop	EA	101-2235	$1.76

Valeo® Neoprene Ankle Support

Pull-on style ankle support with nylon shell and open heel design. Neoprene support is terry-lined to retain heat without moisture build-up. Machine washable.

Size	Fits Men Shoe Sizes	Unit	Stock #	PRICE
S/M	6 to 10	EA	213-4055	$9.92
L/XL	10 to 14	EA	213-4056	$9.92

OccuMitts® Support Gloves

Snug, lightweight stretch gloves act like support hose to help promote proper wrist position, soothe irritation, stimulate circulation and keep hand flexible. Can be worn alone or under work gloves.

Size	Unit	Stock #	PRICE
XS	PR	364-7010	$8.40
S	PR	364-7011	$8.40
M	PR	364-7012	$8.40
L	PR	364-7013	$8.40
XL	PR	364-7015	$7.98

Valeo® Neoprene Knee Support

Comfort and breathability is available with this pull-on support constructed of terry-lined Neoprene. Nylon outer shell retains body heat and promotes circulation. Washable. For sizing, measure around the knee. Closed patella. Black.

Size	Measurement	Unit	Stock #	PRICE
M	14" to 15"	EA	213-4050	$17.06
L	15" to 17"	EA	213-4051	$16.56
XL	17" to 18"	EA	213-4052	$16.56

Find your size for the OccuMitts® Support Gloves

MEASURE ACROSS KNUCKLES
XS 2 S 3 M 4 L 5 XL 6

Call Customer Service at 800-826-8302

KNEE PADS

Occunomix® Classic Non-Marring Knee Pads

Ideal for delicate surfaces, these knee pads feature EVA foam padding for comfort and cushioning. Hook and loop closure for convenient on/off. Non-marring molded rubber cap with gripping ridges. Polyester and tricot fabric.

Color	Unit	Stock #	PRICE
White	PR	101-2108	$19.51

7101 Standard Knee Pads

One-piece molded rubber construction offers economical comfort. Adjustable hook and loop straps for a secure fit. Great on hard surfaces like tile floors. Blue.

Unit	Stock #	PRICE
PR	101-7007	$9.69

ALLEGRO

7105 SoftKnee Knee Pads

A tough blend of cloth and EVA foam for easy to wear, comfortable knee pads. Slip on and off quickly without straps. Can be worn over or under pants or sanitation suits. Lightweight and durable. Black. One size.

Unit	Stock #	PRICE
PR	101-7013	$6.90

ALLEGRO

6998 Deluxe SoftKnee Knee Pads

Comfortable knee pad designed with tough water resistant cover and no kneecap. Extra wide foam pad is perfect for jobs where protecting the work surface is a primary concern. Elastic straps with hook and loop closures. Blue.

Unit	Stock #	PRICE
PR	101-7010	$11.75

ALLEGRO

7103 FlexKnee Knee Pads

Tough protection from lightweight pads topped with large abrasion resistant rubber caps. Excellent for non-slip, hard surface work. Hook and loop closures maintain a secure fit with maximum flexibility. Blue.

Unit	Stock #	PRICE
PR	101-7009	$17.18

ALLEGRO

**Quality products. Outstanding service. Industry expertise.
That's Nelson-Jameson, Inc.**

Prices subject to change.

Honeywell
NORTH

North® 25 Person First Aid Kit

2015 ANSI Compliant First Aid Kit. Kit with plastic case is Class A, Type III; steel case is Class A, Type IV compliant.

Kit Includes:
1 - Adhesive Bandage, 4" x 2"
32 - Adhesive Bandages, 1" x 3"
3 - Fingertip Bandages
2 - Knuckle Bandages
1 - Triangular Bandage, 40" x 40" x 56"
2 - Roller Bandages, 2"
1 - Roller Bandage, 3"
10 - Neomycin Antibiotic
4 - Gauze Pads, 3" x 3"
2 - Trauma Pads, 5" x 9"
2 - Adhesive Tape, 1/2" x 5 yds.
10 - Burn Cream, 1.0 g
1 - Burn Dressing, 4" x 4"
4 - Eye Pads w/ Adhesive Strips
1 - Eye Wash 1-oz.
10 - Antiseptic Towelettes
10 - Hand Sanitizer, 0.9 g
6 - Sting Relief Wipes
1 - Cold Pack, 5" x 6"
1 - Scissors
1 - Tweezers
2 - Exam Gloves, Pair
3 - Non-Aspirin Pain Reliever, 2/pouch
1 - CPR Filtershield
1 - First Aid Guide

Description	Unit	Stock #	PRICE
Plastic Case	KT	301-7005	$33.03
Steel Case	KT	301-7006	$40.47

North® 50 Person First Aid Kit

2015 ANSI Compliant First Aid Kit. Kit with plastic case is Class A, Type III; steel case is Class A, Type IV compliant.

Kit includes:
2 - Adhesive Bandages, 4" x 2"
100 - Adhesive Bandages, 1" x 3"
4 - Fingertip Bandages
3 - Knuckle Bandages
1 - Triangular Bandage, 40" x 40" x 56"
3 - Roller Bandages, 2"
2 - Roller Bandages, 3"
1 - Elastic Bandage, 2" x 4.5 yds.
10 - Neomycin Antibiotic
10 - Gauze Pads, 3" x 3"
2 - Trauma Pads, 5" x 9"
2 - Adhesive Tape, 1/2" x 5 yds.
10 - Burn Cream, 1.0 g
1 - Burn Dressing, 4" x 4"
4 - Eye Pads w/ Adhesive Strips
1 - Eye Wash, 1-oz.
10 - Antiseptic Towelettes
10 - Hand Sanitizer, 0.9 g
6 - Sting Relief Wipes
1 - Cold Pack, 5" x 6"
1 - Scissors
1 - Tweezers
4 - Pair Exam Gloves
3 - Non-Aspirin Pain Reliever, 2/pouch
1 - CPR Filtershield
1 - First Aid Guide

Description	Unit	Stock #	PRICE
Plastic Case	KT	301-2027	$50.89
Steel Case	KT	301-2026	$67.81

North® 75 Person First Aid Kit

2015 ANSI Compliant First Aid Kit. Kit with plastic case is Class A, Type III; steel case is Class A, Type IV compliant.

Kit Includes:
3 - Adhesive Bandages, 4" x 2"
100 - Adhesive Bandages, 1" x 3"
8 - Fingertip Bandages
6 - Knuckle Bandages
1 - Triangular Bandage, 40" x 40" x 56"
4 - Roller Bandages, 2"
2 - Roller Bandages, 3"
1 - Elastic Bandage, 2" x 4.5 yds.
10 - Neomycin Antibiotic
10 - Gauze Pads, 3" x 3"
2 - Trauma Pads, 5" x 9"
3 - Adhesive Tape, 1/2" x 5 yds.
10 - Burn Cream, 1.0 g
1 - Burn Dressing, 4" x 4"
4 - Eye Pads w/ Adhesive Strips
2 - Eye Wash, 1-oz.
10 - Antiseptic Towelettes
15 - Hand Sanitizer, 0.9 g
6 - Sting Relief Wipes
2 - Cold Pack, 5" x 6"
1 - Scissors
1 - Tweezers
6 - Pair Exam Gloves
3 - Non-Aspirin Pain Reliever, 2/pouch
1 - CPR Filtershield
1 - First Aid Guide

Description	Unit	Stock #	PRICE
Plastic Case	KT	301-2028	$71.37
Steel Case	KT	301-2029	$87.40

Call Customer Service at 800-826-8302

FIRST AID KITS

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NORTH

North® 100 Person First Aid Kit

2015 ANSI Class B, Type 1 Compliant First Aid Kit with steel cabinet.

Kit Includes:
6 - Adhesive Bandages, 4″ x 2″
100 - Adhesive Bandages, 1″ x 3″
40 - Fingertip Bandages
40 - Knuckle Bandages
2 - Triangular Bandages,
   40″ x 40″ x 56″
4 - Roller Bandages, 2″
4 - Roller Bandages, 4″
1 - Elastic Bandage, 3″ x 4.5 yds.
30 - Neomycin Antibiotic
4 - Blood Stopper Trauma Pads
10 - Gauze Pads, 2″ x 2″
25 - Gauze Pads, 3″ x 3″
2 - Adhesive Tape, 1″ x 5 yds.
10 - Non Adherent Pads, 2″ x 3″
1 - Pump Burn Relief, 2-oz.
2 - Burn Dressing, 4″ x 4″
8 - Eye Pads w/ Adhesive Strips
1 - Eye Wash, 4-oz.
1 - Pump Antiseptic, 2-oz.
10 - Alcohol Prep Pads
10 - Hand Sanitizer, 0.9 g
2 - Cold Pack, 5″ x 6″
1 - Scissors
1 - Tweezers
4 - Pair Exam Gloves
50 - Non-Aspirin Pain Reliever,
   2/pouch
1 - Tourniquet
1 - Wire Splint
1 - CPR Filtershield
1 - First Aid Guide

Unit	Stock #	PRICE
KT	301-2102	$168.05

North® 150 Person First Aid Kit

2015 ANSI Class B, Type 1 Compliant First Aid Kit with steel cabinet.

Kit Includes:
6 - Adhesive Bandages, 4″ x 2″
100 - Adhesive Bandages, 1″ x 3″
40 - Fingertip Bandages
40 - Knuckle Bandages
2 - Triangular Bandages,
   40″ x 40″ x 56″
6 - Roller Bandages, 2″
6 - Roller Bandages, 4″
3 - Elastic Bandage, 3″ x 4.5 yds.
30 - Neomycin Antibiotic
4 - Blood Stopper Trauma Pads
10 - Gauze Pads, 2″ x 2″
25 - Gauze Pads, 3″ x 3″
2 - Adhesive Tape, 1″ x 5 yds.
1 - Adhesive Tape, 1/2″ x 5 yds.
20 - Non Adherent Pads, 2″ x 3″
2 - Pump Burn Relief, 2-oz.
2 - Burn Dressing, 4″ x 4″
8 - Eye Pads w/ Adhesive Strips
1 - Eye Wash, 4-oz.
2 - Pump Antiseptic, 2-oz.
10 - Alcohol Prep Pads
20 - Hand Sanitizer, 0.9 g.
3 - Cold Pack, 5″ x 6″
1 - Scissors
1 - Tweezers
6 - Pair Exam Gloves
50 - Non-Aspirin Pain Reliever,
   2/pouch
1 - Tourniquet
1 - Wire Splint
1 - CPR Filtershield
1 - First Aid Guide

Unit	Stock #	PRICE
KT	301-2104	$235.40

North® 200 Person First Aid Kit

2015 ANSI Class B, Type I Compliant First Aid Kit with steel cabinet.

Kit Includes:
6 - Adhesive Bandages, 4″ x 2″
100 - Adhesive Bandages, 1″ x 3″
40 - Fingertip Bandages
40 - Knuckle Bandages
3 - Triangular Bandage,
   40″ x 40″ x 56″
8 - Roller Bandages, 2″
8 - Roller Bandages, 4″
4 - Elastic Bandage, 3″ x 4.5 yds.
30 - Neomycin Antibiotic
4 - Blood Stopper Trauma Pads
20 - Gauze Pads, 2″ x 2″
50 - Gauze Pads, 3″ x 3″
2 - Adhesive Tape, 1″ x 5 yds.
2 - Adhesive Tape, 1/2″ x 5 yds.
20 - Non Adherent Pads, 2″ x 3″
2 - Pump Burn Relief, 2-oz.
3 - Burn Dressing, 4″ x 4″
12 - Eye Pads w/ Adhesive Strips
2 - Eye Wash, 4-oz.
2 - Pump Antiseptic, 2-oz.
20 - Alcohol Prep Pads
30 - Hand Sanitizer, 0.9 g.
4 - Cold Pack, 5″ x 6″
1 - Scissors
1 - Tweezers
8 - Pair Exam Gloves
100 - Non-Aspirin Pain Reliever,
   2/pouch
1 - Tourniquet
1 - Wire Splint
1 - CPR Filtershield
1 - First Aid Guide

Unit	Stock #	PRICE
KT	301-2108	$346.40

Prices subject to change.

North® Industrial First Aid Kit

2015 ANSI Class B, Type I Compliant First Aid Kit with steel cabinet and three shelves.

Kit Includes:

6 - Adhesive Bandages, 4" x 2"
100 - Plastic Adhesive Bandages, 1" x 3"
100 - Woven Adhesive Bandages, 1" x 3"
40 - Fingertip Bandages
40 - Knuckle Bandages
2 - Triangular Bandage, 40" x 40" x 56"
4 - Roller Bandages, 2"
4 - Roller Bandages, 4"
1 - Elastic Bandage, 3" x 4.5 yds.
30 - Neomycin Antibiotic
4 - Blood Stopper Trauma Pads
10 - Gauze Pads, 2" x 2"
25 - Gauze Pads, 3" x 3"
2 - Adhesive Tape, 1" x 5 yds.
10 - Non Adherent Pads, 2" x 3"
1 - Pump Burn Relief, 2-oz.
2 - Burn Dressing, 4" x 4"
8 - Eye Pads w/ Adhesive Strips
1 - Eye Wash, 4-oz.
1 - Pump Antiseptic, 2-oz.
10 - Alcohol Prep Pads
10 - Hand Sanitizer, 0.9 g.
2 - Cold Pack, 5" x 6"
1 - Scissors
1 - Tweezers
4 - Pair Exam Gloves
100 - Cotton Tips
10 - Ammonia Inhalants
6 - Tongue Blades
50 - Non-Aspirin Pain Reliever, 2/pouch
1 - Tourniquet
1 - Wire Splint
1 - CPR Filtershield
1 - First Aid Guide
2 - Red Biohazard Bags

Unit	Stock #	PRICE
KT	301-2031	$173.30

North® Industrial First Aid Kit

2015 ANSI Class B, Type I Compliant First Aid Kit with steel cabinet and four shelves.

Kit Includes:

6 - Adhesive Bandages, 4" x 2"
100 - Plastic Adhesive Bandages, 1" x 3"
100 - Woven Adhesive Bandages, 1" x 3"
40 - Fingertip Bandages
40 - Knuckle Bandages
2 - Triangular Bandage, 40" x 40" x 56"
4 - Roller Bandages, 2"
4 - Roller Bandages, 4"
1 - Elastic Bandage, 3" x 4.5 yds.
30 - Neomycin Antibiotic
4 - Blood Stopper Trauma Pads
10 - Gauze Pads, 2" x 2"
25 - Gauze Pads, 3" x 3"
2 - Adhesive Tape, 1" x 5 yds.
10 - Non Adherent Pads, 2" x 3"
1 - Pump Burn Relief, 2-oz.
2 - Burn Dressing, 4" x 4"
8 - Eye Pads w/ Adhesive Strips
1 - Eye Wash, 4-oz.
1 - Pump Antiseptic, 2-oz.
10 - Alcohol Prep Pads
10 - Hand Sanitizer, 0.9 g.
2 - Cold Pack, 5" x 6"
1 - Scissors
1 - Tweezers
4 - Pair Exam Gloves
100 - Cotton Tips
10 - Ammonia Inhalants
6 - Tongue Blades
50 - Non-Aspirin Pain Reliever, 2/pouch
50 - Miralac Tabs, 2/pouch
50 - Sinus Decongestant, 2/pouch
50 - Cedaprin (Ibuprofen), 2/pouch
1 - Tourniquet
1 - Wire Splint
1 - CPR Filtershield
1 - First Aid Guide
2 - Red Biohazard Bags

Unit	Stock #	PRICE
KT	301-2033	$222.60

Honeywell NORTH

North® First Responder Kit

2015 ANSI Class B, Type II Compliant First Responder Kit with soft pack case.

Kit Includes:

10 - Adhesive Bandages, 4" x 2"
100 - Adhesive Bandages, 1" x 3"
4 - Fingertip Bandages
6 - Knuckle Bandages
2 - Triangular Bandage, 40" x 40" x 56"
2 - Roller Bandages, 2"
1 - Roller Bandage, 4"
4 - Bandage Compresses, 2"
1 - Elastic Bandage, 3" x 4.5 yds.
30 - Neomycin Antibiotic
4 - Blood Stopper Trauma Pads
10 - Gauze Pads, 3" x 3"
1 - Gauze Compress, 18" x 36"
1 - Adhesive Tape, 1" x 5 yds.
1 - Pump Burn Relief, 2-oz.
2 - Burn Dressing, 4" x 4"
8 - Eye pads w/ Adhesive Strips
1 - Eye Wash, 4-oz.
1 - Pump Antiseptic, 2-oz.
10 - Alcohol Prep Pads
10 - Hand Sanitizer, 0.9 g.
10 - 1.0% Hydrocortisone
2 - Cold Pack, 5" x 6"
1 - Scissors
1 - Tweezers
4 - Pair Exam Gloves
1 - Tourniquet
1 - Wire Splint
1 - CPR Filtershield
1 - First Aid Guide
1 - Rescue Blanket

Unit	Stock #	PRICE
KT	301-2024	$116.28

Call Customer Service at 800-826-8302

FIRST AID SUPPLIES

Sterile Adhesive Strips and Bandages

Honeywell NORTH

Description	Pkg	Unit	Stock #	PRICE
Plastic bandage, 1" x 3"	50/bx	BX	301-7003	$1.92
Fabric bandage, 1" x 3"	50/bx	BX	301-2105	$3.00
Fabric bandage, 1" x 3"	100/bx	BX	301-2107	$5.36
Fingertip fabric bandage	25/bx	BX	301-2117	$3.61
Fingertip fabric bandage	50/bx	BX	301-2111	$6.40
Knuckle fabric bandage	40/bx	BX	301-2109	$5.12
Knuckle fabric bandage	100/bx	BX	301-2119	$8.74
Asst. fabric bandages: strips, patch, knuckle, fingertip	20/bx	BX	301-7002	$3.19
Butterfly bandage, medium	16/bx	BX	301-2113	$2.10
Fabric patch bandage, 2" x 3"	25/bx	BX	301-2115	$4.25

Sterile Gauze Pads, Wraps and Bandages

Description	Pkg	Unit	Stock #	PRICE
2 x 2" Gauze pads	25/bx	BX	301-2121	$2.46
3 x 3" Gauze pads	25/bx	BX	301-2123	$2.83
4 x 4" Gauze pads	25/bx	BX	301-2125	$4.18
Oval eye pads	50/bx	BX	301-2196	$11.32
Gauze compress, 36 x 36 in	1 ea	EA	301-2127	$1.67
Trauma /ABD pad, 5" x 9"	1 ea	EA	301-2126	$0.32
Gauze roll bandage, 2" x 6 yd.	2 rl/bx	BX	301-2129	$2.16
Triangular bandage, 40" x 40" x 56"	10/ca	EA	301-2136	$1.63
3" x 4.5 yd elastic wrap	1 rl	RL	301-2133	$1.16
4" x 4.5 yd elastic wrap	1 rl	RL	301-2135	$1.47
1" x 5 yd Blue self-adherant wrap	5 rl	PK	301-2210	$7.60
2" x 5 yd Co-flex bandage	1 rl	RL	301-2137	$2.14
3" x 5 yd Co-flex bandage	1 rl	RL	301-2139	$2.81

Wipes, Creams, Ointments, and Sprays

Description	Pkg	Unit	Stock #	PRICE
Antiseptic & Sanitizers				
Alcohol cleansing pads, 70%	100/bx	BX	301-2157	$2.19
Antiseptic cleansing wipes	100/bx	BX	301-2159	$3.71
Instant hand sanitizer, .9 g	25/bx	BX	301-2160	$4.19
Creams & Ointments				
First aid cream	144 pk/bx	BX	301-2161	$13.60
Hydrocortisone cream	144 pk/bx	BX	301-2177	$14.81
Triple antibiotic ointment	144 pk/bx	BX	301-2179	$13.23
Sprays				
First aid spray, 3-oz aerosol		CN	301-2169	$3.67
Blood clotting spray, 3-oz aerosol		CN	301-2165	$6.96
Burn spray, 2-oz pump		BO	301-2171	$5.22
Cold spray, 4-oz aerosol		CN	301-2167	$3.23
Hydrogen peroxide spray, 2-oz spray		EA	301-2275	$4.12
Spray bandage, 3-oz aerosol		CN	301-2163	$3.52
Water-Jel ® Burn Treatments				
Burn Cream with Aloe	6/bx	BX	301-2231	$2.12
Burn gel, 4-oz		BO	301-2187	$6.69

Medicinals

Description	Pkg	Unit	Stock #	PRICE
Acetaminophen tablets, 325 mg	2/pk, 125 pk/bx	BX	301-2153	$7.75
Miralac antacid tablets, sugar-free	2/pk, 50 pk/bx	BX	301-2145	$3.67
Aspirin, 5 grains	2/pk, 125 pk/bx	BX	301-2149	$6.22
Back relief tablets	2/pk, 50 pk/bx	BX	301-2148	$7.40
Pain stoppers	2/pk, 50 pk/bx	BX	301-2152	$3.88
Sinus pain tablets	2/pk, 50 pk/bx	BX	301-2151	$5.36
Ibuprofen tablets, 200 mg	2/pk, 125 pk/bx	BX	301-2147	$11.95
Multi-symptom cold tablets	2/pk, 50 pk/bx	BX	301-2155	$7.67

Prices subject to change.

Miscellaneous First Aid Kit Supplies

Description	Unit	Stock #	PRICE
Adhesive tape, ½" x 10 yd	RL	301-2141	$1.97
Adhesive tape, waterproof, 1" x 10 yd	RL	301-2143	$2.81
Ammonia Inhalents, single dose, 100/bx	BX	301-2223	$20.02
Body Fluid Cleanup Kit w/gloves, gown, etc	KT	301-2203	$9.94
Cold pack, instant, 6" x 9"	EA	301-2183	$1.30
1-oz bottle sterile eye wash solution	BO	301-2198	$2.82
4-oz bottle Eyesaline® emergency eye wash solution	BO	192-7530	$3.47
Fire blanket, wool, 62" x 80", w/cordura bag	EA	301-2189	$52.58
Silver rescue blanket	EA	301-2190	$2.47
Microshield CPR faceshield in pouch	EA	301-2205	$7.89
Laerdal faceshield CPR mask	EA	301-2208	$2.47
Splinter out, 10/pk	PK	301-2227	$2.22
4" plastic disposable tweezers	EA	301-2212	$0.41

Metal Detectable Adhesive Bandages

Metal detectable adhesive bandages are a necessity in food-processing plants where a foreign object in finished product can be a disaster. A thin metal strip under the pad of these bandages is detectable in most metal detection systems. Bright blue color for easy visual detection. Choose from fingertip or knuckle styles in fabric. Strips are available in plastic or fabric. Bulk packaging available for cost savings.

Description	Pkg	Unit	Stock #	PRICE
1" x 3" Plastic strips	100/bx	BX	301-2303	$6.29
1" x 3" Plastic strips	1500/ca	CA	301-2321	$66.19
1" x 3" Fabric strips	100/bx	BX	301-2305	$7.43
Fabric knuckle bandages	40/bx	BX	301-2309	$6.61
Fabric fingertip bandages	25/bx	BX	301-2307	$7.83

Honeywell

NORTH

Metal Detectable/X-Ray Visible Bandages

Metal detectable and x-ray visible bandages are bright blue for easy recognition. Sterile bandages with low adherent pads come in a variety of sizes. Waterproof and imperme-able to oil and fat. Two types of metal strips are positioned behind the pad for detection by most metal detectors and x-ray machines. Assorted pak includes: (20) 2.85" x .9" strips, (40) 1.5" x 1.5" strips, (15) 2.85" x 2" strips, (10) 6.3" x .78" finger extension bandages and (10) 2" x 1" fingertip bandages.

Size	Pkg	Unit	Stock #	PRICE
2.85" x .9"	100/pk	PK	364-7158	$59.84
1.5" x 1.5"	100/pk	PK	364-7162	$56.17
2.85" x 2"	100/pk	PK	364-7163	$115.46
2" x 1.8"	50/pk	PK	364-7164	$49.33
Assorted sizes	95/pk	PK	364-7190	$74.63

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METAL DETECTABLE PRODUCTS

Metal Detectable Elephant Stick Pen

Feature a slightly textured grip and triangular cross section for a comfortable yet sturdy grip. Ideal for use in ambient working temperatures and a clean environment, or where a one piece pen is required. Manufactured from food contact approved materials. 50/box.

Ink Color/ Housing Color	Unit	Stock #	PRICE
With Clip			
Red	EA	364-2469	$1.17
Blue	EA	364-2463	$1.17
Green	EA	364-2472	$1.17
Black	EA	364-2466	$1.17
Without Clip			
Red	EA	364-2468	$1.17
Blue	EA	364-2461	$1.17
Green	EA	364-2471	$1.17
Black	EA	364-2465	$1.17
With Lanyard Attachment			
Red	EA	364-2470	$1.17
Blue	EA	364-2464	$1.17
Green	EA	364-2473	$1.17
Black	EA	364-2467	$1.17

Metal Detectable Retractable Elephant Pen

Retractable Elephant Pens feature a slightly textured grip and triangular cross section for a comfortable yet sturdy grip. The pen performs well in ambient working temperatures, and a clean environment. Manufactured from food contact approved materials. Pens are refillable. 50/box.

Ink Color/ Housing Color	Unit	Stock #	PRICE
With Clip			
Red	EA	364-2456	$1.98
Blue	EA	364-2450	$1.98
Green	EA	364-2459	$1.98
Black	EA	364-2453	$1.98
Without Clip			
Red	EA	364-2455	$1.98
Blue	EA	364-2351	$1.98
Green	EA	364-2458	$1.98
Black	EA	364-2452	$1.98
With Lanyard Attachment			
Red	EA	364-2457	$1.98
Blue	EA	364-2451	$1.98
Green	EA	364-2460	$1.98
Black	EA	364-2454	$1.98
Ink Refills			
Red	EA	364-7174	$1.93
Blue	EA	364-7077	$1.93
Green	EA	364-7141	$1.93
Black	EA	364-7086	$1.93

Metal Detectable Retractable Elephant Gel Pen

Specifically developed for cold environments, this unique pen offers outstanding writing characteristics in the most adverse conditions. Features a slightly textured grip and triangular cross section for a comfortable yet sturdy grip. Manufactured from food contact approved materials. White cap to distinguish from other pens. Pens are refillable. 50/box.

Ink Color/ Housing Color	Unit	Stock #	PRICE
With Clip			
Blue	EA	364-7290	$3.82
Black	EA	364-7293	$3.82
Without Clip			
Blue	EA	364-7291	$3.82
Black	EA	364-7294	$3.82
With Lanyard Attachment			
Blue	EA	364-7292	$3.82
Black	EA	364-7295	$3.82
Ink Refills			
Blue	EA	364-7181	$2.13
Black	EA	364-7087	$2.13

Metal Detectable Retractable Elephant Cryo Pen

Slightly textured grip and triangular cross section for a comfortable yet sturdy grip. Suitable for almost all food-related environments including those with wet, greasy, powdery and even sub-zero cold temperatures of -20°C/-4°F. Pressurized cryo refill will continue to write until the ink has run out. This pen will even write upside down where ordinary ballpoint pens fail. Manufactured from food contact approved materials. Red cap to distinguish from other pens. Pens are refillable. 50/box.

Ink Color/ Housing Color	Unit	Stock #	PRICE
With Clip			
Blue	EA	364-7282	$4.06
Black	EA	364-7285	$4.06
Without Clip			
Blue	EA	364-7283	$4.06
Black	EA	364-7286	$4.06
With Lanyard Attachment			
Blue	EA	364-7284	$4.06
Black	EA	364-7287	$4.06
Ink Refills			
Blue	EA	364-7183	$3.95
Black	EA	364-2968	$3.95

Prices subject to change.

Metal Detectable Retractable HD Pens

Retractable HD pens with slightly textured finish perform well in ambient working temperatures, and a clean environment. Retractable housing with stainless steel return spring mechanism provides continuous performance. Rugged housing offers extra protection for the pen refill and the operator, ensuring that the nib will not become damaged if the pen is dropped or rolls off work surface. Can be refilled. 50/box.

Ink Color/Housing Color	Unit	Stock #	PRICE
With Clip			
Red	EA	364-2362	$2.36
Blue	EA	364-2360	$2.36
Green	EA	364-2363	$2.36
Black	EA	364-2361	$2.36
Without Clip			
Red	EA	364-2366	$2.36
Blue	EA	364-2364	$2.36
Green	EA	364-2367	$2.36
Black	EA	364-2365	$2.36
With Lanyard Attachment			
Red	EA	364-2370	$2.36
Blue	EA	364-2368	$2.36
Green	EA	364-2371	$2.36
Black	EA	364-2369	$2.36
Ink Refills			
Red	EA	364-7174	$1.93
Blue	EA	364-7077	$1.93
Green	EA	364-7141	$1.93
Black	EA	364-7086	$1.93

Metal Detectable Retractable HD Gel Pen

Retractable HD pens with slightly textured finish. Specifically developed for cold environments, this unique pen offers outstanding writing characteristics in the most adverse conditions. The refill incorporates a stainless steel tip, tough carbon steel ball and a nickel silver tube - ensuring easy flow when writing in the cold. In addition, the rugged retractable housing with stainless steel return spring mechanism provides continuous performance. White cap to distinguish from other pens. These pens can be refilled. 50/box.

Ink Color/Housing Color	Unit	Stock #	PRICE
With Clip			
Red	EA	364-6002	$4.57
Blue	EA	364-6000	$4.57
Green	EA	364-6003	$4.57
Black	EA	364-6001	$4.57
Without Clip			
Red	EA	364-6006	$4.57
Blue	EA	364-6004	$4.57
Green	EA	364-6007	$4.57
Black	EA	364-6005	$4.57
With Lanyard Attachment			
Red	EA	364-6010	$4.57
Blue	EA	364-6008	$4.57
Green	EA	364-6011	$4.57
Black	EA	364-6009	$4.57
Gel Ink Refills			
Red	EA	364-7182	$2.12
Blue	EA	364-7181	$2.13
Black	EA	364-7087	$2.13

Metal Detectable Retractable HD Cryo Pen

Retractable HD cryo pens with slightly textured finish are suitable for almost all food-related environments, including those with wet, greasy, powdery, and even sub-zero cold temperatures of -20°C/4°F. Pressurized cryo refill will continue to write until the ink has run out. This pen will even write upside down where ordinary ballpoint pens fail. In addition, the rugged retractable housing with stainless steel return spring mechanism provides continuous performance. Red cap to distinguish from other pens. These pens can be refilled. 50/box.

Ink Color/Housing Color	Unit	Stock #	PRICE
With Clip			
Blue	EA	364-7262	$4.52
Black	EA	364-7263	$4.52
With Lanyard Attachment			
Blue	EA	364-7260	$4.52
Black	EA	364-7261	$4.52
Ink Refills			
Blue	EA	364-7183	$3.95
Black	EA	364-2968	$3.95

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METAL DETECTABLE PRODUCTS

'SP Style' Stick Pen

Sleek design is appealing to the eye. Features an "easy grip" section which enables the user to write without the pen slipping. Not refillable. Blue housing. 50/box.

Ink Color	Unit	Stock #	PRICE
Black	EA	364-7059	$1.54
Blue	EA	364-7058	$1.54
Red	EA	364-7060	$1.54
Green	EA	364-7045	$1.55

Metal Detectable Economy Retractable Pen

Designed to satisfy the basic requirements for performance and detectability by metal and x-ray monitoring systems used in the food industry. Produced with food contrast blue plastic shell, and an end cap that matches the ink color. Choose red, blue, green, or black ink in a standard cartridge. Ridges at the point of grip to make pen easier to hold firmly in wet and greasy work environments or with gloved hands. Includes pocket clip. 50/box.

Ink Color	Unit	Stock #	PRICE
Blue	EA	364-7264	$1.51
Black	EA	364-7265	$1.51
Red	EA	364-7266	$1.51
Green	EA	364-7267	$1.51

Metal Food Factory Stick Pen

Ideal for use in ambient working temperatures and in a clean environment. Manufactured using two different types of metal to offer magnetic and metal detectable/x-ray visible qualities. Pens are chrome plated to resist abrasion and wear and incorporate a high quality metal refill. 50/box.

Ink Color	Unit	Stock #	PRICE
With Clip			
Blue	EA	364-7030	$3.13
Black	EA	364-7134	$3.13
Red	EA	364-7196	$3.13
Green	EA	364-7197	$3.13
Without Clip			
Blue	EA	364-7142	$2.74
Black	EA	364-7084	$2.74
Red	EA	364-7220	$2.74
Green	EA	364-7221	$2.74
With Attachment Ring			
Blue	EA	364-7205	$3.12
Black	EA	364-7140	$3.12
Red	EA	364-7206	$3.12
Green	EA	364-7208	$3.12

Metal Detectable Stainless Steel Retractable Pen

Metal detectable, retractable stainless steel housing offers extra protection for the pen refill and operator, ensuring the nib will not become damaged if the pen is dropped or rolls off work surfaces. Stainless steel housing with pocket clip will hold up in the most adverse conditions. 10/pack. Refills available (sold separately).

Standard Ink
- Ideal for use in ambient working temperatures and a clean environment.

Gel Ink
- Offers outstanding writing characteristics for cold environments.

Color	Unit	Stock #	PRICE
Standard Ink			
Blue	EA	364-2353	$5.23
Black	EA	364-2352	$5.23
Red	EA	364-2354	$5.23
Green	EA	364-2355	$5.23
Gel Ink			
Blue	EA	364-2356	$6.78
Black	EA	364-7742	$6.78
Red	EA	364-2357	$6.78
Standard Ink Refills			
Blue	EA	364-7077	$1.93
Black	EA	364-7086	$1.93
Red	EA	364-7174	$1.93
Green	EA	364-7141	$1.93
Gel Ink Refills			
Blue	EA	364-7181	$2.13
Black	EA	364-7087	$2.13
Red	EA	364-7182	$2.12
Green	EA	364-7218	$2.13

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Prices subject to change.

METAL DETECTABLE PRODUCTS

Metal Detectable Stainless Steel & Brass Retractable Pen

Metal detectable stainless steel and brass housing with pocket clip is suitable for a range of food related environments. 10/pack.

Standard Ink
- Performs well in ambient working temperatures, and a clean environment.

Gel Ink
- Suitable for cold environments.

Pressurized 'Cryo' Ink
- Suitable for wet and greasy environments.
- Continues to write in sub-zero temperatures as low as -20°C/4°F.
- Will write upside down where ordinary ballpoint pens fail.

Ink Color	Unit	Stock #	PRICE
Standard Ink			
Blue	EA	364-7297	$5.48
Black	EA	364-7296	$5.48
Red	EA	364-7298	$5.48
Green	EA	364-7299	$5.48
Gel Ink			
Blue	EA	364-7341	$7.03
Black	EA	364-7340	$7.03
Red	EA	364-7342	$7.03
Green	EA	364-7343	$7.03
Pressurized 'Cryo' Ink			
Blue	EA	364-7345	$8.58
Black	EA	364-7346	$8.58
Standard Ink Refills			
Blue	EA	364-7077	$1.93
Black	EA	364-7086	$1.93
Red	EA	364-7174	$1.93
Green	EA	364-7141	$1.93
Gel Ink Refills			
Blue	EA	364-7181	$2.13
Black	EA	364-7087	$2.13
Red	EA	364-7182	$2.12
Green	EA	364-7218	$2.13
Pressurized 'Cryo' Ink Refills			
Blue	EA	364-7183	$3.95
Black	EA	364-2968	$3.95

Metal Detectable Mechanical Pencil

Stylish blue and silver metal case with pocket clip is fully detectable. Safe to use in all areas of your facility. Uses standard .5 mm lead refill (sold separately). 10/pack.

Unit	Stock #	PRICE
EA	364-2943	$3.02

Detectagrip Metal Detectable Pen Sleeve

Blue pen sleeve is designed to stop pens and other instruments from rolling off the work surface. Ergonomically designed for ease of writing. 10/pack.

Unit	Stock #	PRICE
EA	364-7083	$3.02

Metal Detectable PDA Stylus

Non-scratching one-piece stylus is safe to use on delicate and expensive PDA screens. Fully metal detectable, x-ray visible, and FDA approved for direct food contact. Features a reinforced clip for added security. Blue. 10/pack.

Unit	Stock #	PRICE
EA	364-2970	$6.42

Metal Detectable Touch Screen Pen

The 2-in-1 detectable touch screen stylus with twist action retractable ballpoint pen in a universal stylus that is compatible with devices such as Android phones and tablets as well as devices with a capacitive touch screen like the iPhone® and iPad®. Blue/Silver housing. 10/pack.

Unit	Stock #	PRICE
EA	364-7198	$8.86

Call Customer Service at 800-826-8302

METAL DETECTABLE PRODUCTS

Metal Detectable Retractable Permanent Marker

Non-toxic, retractable marker is ideal for all food processing environments with no cap to lose. Patented retractable housing prevents drying out. Use the bullet tip for bold writing and the chisel tip for broad and fine line writing on all surfaces. Blue housing with safety clip. Store horizontally. Retract using push button on end of marker. 10/pack.

Ink Color	Unit	Stock #	PRICE
Bullet Tip			
Blue	EA	364-2978	$4.91
Black	EA	364-2976	$4.91
Red	EA	364-2977	$4.91
Green	EA	364-2880	$4.91
Chisel Tip			
Blue	EA	364-7303	$4.91
Black	EA	364-7302	$4.91
Red	EA	364-7304	$4.91
Green	EA	364-7305	$4.91

Metal Detectable Permanent Marker

Permanent marker with non-toxic, xylene-free, low-odor ink are useful anywhere. The high-impact blue housing and cap is fully metal detectable, x-ray visible and anti-microbial. Bullet tip for bold writing and chisel tip for broad and fine line writing on all surfaces. 10/pack.

Ink Color	Unit	Stock #	PRICE
Bullet Tip			
Blue	EA	364-2971	$3.02
Black	EA	364-2974	$3.02
Red	EA	364-2973	$3.02
Green	EA	364-2975	$3.02
Chisel Tip			
Blue	EA	364-7147	$3.02
Black	EA	364-7148	$3.02
Red	EA	364-7149	$3.02
Green	EA	364-7151	$3.02

Metal Detectable Retractable Highlighter Marker

With no cap to lose, this retractable highlighter marker is perfect for food processing areas where detectability is crucial in case of loss. Easy, one-handed use. Housing is fully metal-detectable. Ink is non-toxic, xylene-free and low odor. Blue housing. Store horizontally and retract using push button on end of marker.

Ink Color	Pkg	Unit	Stock #	PRICE
Highlighter Marker				
Blue	10/pk	EA	364-2990	$3.63
Green	10/pk	EA	364-2991	$3.63
Pink	10/pk	EA	364-2992	$3.63
Orange	10/pk	EA	364-2993	$3.63
Yellow	10/pk	EA	364-2994	$3.63
Ink Refills				
Blue	5/pk	PK	364-2250	$8.50
Green	5/pk	PK	364-2251	$8.50
Pink	5/pk	PK	364-2252	$8.50
Orange	5/pk	PK	364-2253	$8.50
Yellow	5/pk	PK	364-2254	$8.50

Metal Detectable Highlighter Marker

Mark graphs and charts in your processing areas. The high-impact housing is fully metal detectable, x-ray visible, and antimicrobial. Ink, in your choice of colors, is non-toxic, xylene-free, and low-odor. Blue housing. 10/pack.

Ink Color	Unit	Stock #	PRICE
Blue	EA	364-2983	$3.02
Green	EA	364-2979	$3.02
Pink	EA	364-2982	$3.02
Orange	EA	364-2980	$3.02
Yellow	EA	364-2981	$3.02

Prices subject to change.

METAL DETECTABLE PRODUCTS

Metal Detectable Fine Tip Permanent Marker

This metal detectable, x-ray visible and antimicrobial fine tip marker is the most suited for writing on labels and shiny/greasy paper. Performs well in cold and frozen applications with a temperature range of -4 to 140°F. Cap is made of metal detectable plastic and has a magnetic clip attached for extra security. Please note that due to the nature of the ink used, without the cap the ink will dry out. Store horizontally. Blue housing. 10/pack.

Ink Color	Unit	Stock #	PRICE
Blue	EA	364-2969	$3.40
Black	EA	364-2966	$3.40
Red	EA	364-2946	$3.40
Green	EA	364-2947	$3.40

Metal Detectable Retractable Dry Erase Marker

With no cap to lose, these retractable dry erase markers are perfect for food processing areas where detectability is crucial in case of loss. Easy, one-handed use. Housing is fully metal-detectable. Ink is non-toxic, xylene-free and low odor. Store horizontally. Retract using push button on end of marker. Blue housing. 10/pack.

Ink Color	Unit	Stock #	PRICE
Bullet Tip			
Blue	EA	364-7307	$4.91
Black	EA	364-7160	$4.91
Red	EA	364-7306	$4.91
Green	EA	364-7300	$4.91
4 Pack (Blue, Green, Red & Black)	PK	364-7154	$19.18
Chisel Tip			
Blue	EA	364-7309	$4.91
Black	EA	364-7308	$4.91
Red	EA	364-7310	$4.91
Green	EA	364-7311	$4.91

Metal Detectable Dry Erase Marker

The blue housing and snug-fitting cap of these markers is metal detectable, x-ray visible, and antimicrobial. Also called white board markers, these dry erase inks are low-odor, non-toxic and xylene-free. Bullet tip markers come with choice of ink color. 10/pack.

Ink Color	Unit	Stock #	PRICE
Blue	EA	364-2987	$3.02
Black	EA	364-2984	$3.02
Red	EA	364-2988	$3.02
Green	EA	364-2989	$3.02

Metal Detectable Retractable Meat Marker

Suitable for marking meats, these robust marker pens have an easy-push button for one-handed operation. The refills are housed in the detectable retractable housing design, which means no cap to lose. These quick drying inks have been tested to ensure that they fulfill the requirements for safe contact with food under EU and US regulations. Features a fully metal detectable blue housing, a special sealing system to prevent ink from drying out, a bullet tip, and a safety clip. 10/pack.

Ink Color	Unit	Stock #	PRICE
Blue	PK	364-2560	$36.27
Red	PK	364-2561	$36.27

Metal Detectable Retractable Food Marker

Suitable for marking food products such as cheese, these robust marker pens have an easy-push button for one-handed operation. The refills are housed in the detectable retractable housing design, which means no cap to lose. These quick drying inks have been tested to ensure that they fulfill the requirements for safe contact with food under EU and US regulations. Features a fully metal detectable blue housing, a special sealing system to prevent ink from drying out, a bullet tip, and a safety clip. 10/pack.

Ink Color	Unit	Stock #	PRICE
Blue	PK	364-2485	$36.27
Red	PK	364-2486	$36.27

Call Customer Service at 800-826-8302

METAL DETECTABLE PRODUCTS

Metal Detectable Whiteboard Marker Pen Holder

Designed to hold up to four marker pens and has space for a whiteboard eraser. This blue plastic 7″ x 9″ holder is available with or without a stainless steel clip.

Description	Unit	Stock #	PRICE
Without clip	EA	364-2377	$19.91
With clip	EA	364-2378	$31.97

Metal Detectable Plastic Stopwatch

Provides precise timing for all your test procedures in all types of environments, including greasy, powdery or cold conditions. Made from high impact, non-shattering plastic material, so it will not easily damage if dropped. Compact and lightweight, this stopwatch measures 3″ x 2″. Includes a 30″ beaded chain for convenient attachment to a clipboard, or lab cabinet. Features: hour/minutes/seconds, 1/100th of second, day/date and month, and alarm time settings. Blue.

Unit	Stock #	PRICE
EA	364-7048	$32.16

Metal Detectable Digital Process Timer

Keep time in seconds or minutes with the large and easy to read LCD display on this timer. Four button design includes: Reset, Start/Stop, Minute, and Second button. Measures 3-1/5″ W x 2-5/8″ H. Magnetic or self-standing. Requires 1 AAA battery (not included).

Unit	Stock #	PRICE
EA	364-7753	$32.16

Metal Detectable Swipe Card Holders

Sturdy swipe card holders are metal detectable and x-ray visible. Lanyard attachment points allow the holders to be used either vertically or horizontally. Holders accept standard size cards up to 2.17″ x 3.42″. 25/pack.

Color	Unit	Stock #	PRICE
Light Gray	EA	364-2300	$0.42
Red	EA	364-2301	$0.42
Yellow	EA	364-2302	$0.42
Blue	EA	364-2303	$0.42
Green	EA	364-2304	$0.42
Orange	EA	364-2305	$0.42
Purple	EA	364-2306	$0.42

Beaded Safety Chains and Split Rings

Easily secure pens, clips, or other metal detectable products to equipment or work areas. Split rings are 20 mm/.78″ diameter, and can be attached on either or both ends of the safety chain. 10/pack.

Description	Unit	Stock #	PRICE
30″ Beaded Chains	PK	364-2350	$34.41
Split Rings	PK	364-7268	$3.87

Metal Detectable Plastic Paper Clips

Eliminate the need for staples throughout your processing area. These extra large 3″ x 1.5″ paper clips can hold up to 40 sheets of paper each, and are metal detectable, x-ray visible, and antimicrobial. Can be used with a safety chain for added security. 30/pack.

Color	Unit	Stock #	PRICE
Red	EA	364-7041	$1.42
Yellow	EA	364-7040	$1.10
Blue	EA	364-7039	$1.42
Green	EA	364-7042	$1.42

Prices subject to change.

Metal Detectable Calculators

Metal detectable, x-ray visibile, and antimicrobial high impact housing will not damage easily if dropped. Suitable for most food environments including greasy, powdery, and cold conditions. The handheld calculator is lightweight and small enough to hold in your hand or attach to a clipboard, and includes 2 AAA batteries and 30″ beaded safety chain. The desktop calculator is solar powered and automatically powers off. Both calculators feature % and mark up keys. Blue.

Description	Size	Display	Unit	Stock #	PRICE
Handheld Calculator	3″ x 4.25″	8 Digit	EA	364-7044	$32.16
Desktop Calculator	4.25″ x 6″	12 Digit	EA	364-7073	$50.26

Metal Detectable Handheld Calculator

Updated and designed to make sure that every component is fully metal detectable - including the buttons. This solar powered handheld plastic calculator is compact, durable, and lightweight. Measuring 4-1/3″ x 2-3/4″ it ergonomically fits into the users hand. Easily accessible display buttons. Blue.

Unit	Stock #	PRICE
EA	364-7211	$27.02

Metal Detectable Scissors

General purpose scissors for use in the office, production floor, or warehouse. Handle is metal detectable with 8-1/2″ stainless steel blades.

Unit	Stock #	PRICE
EA	364-7726	$16.70

Heavy-Duty Staple Free Stapler

Secure up to eight sheets of paper without the use of metal staples. Not made of metal detectable material. Black. Also available in other colors and six sheet capacity.

Unit	Stock #	PRICE
EA	364-5000	$35.99

Metal Detectable Stapleless Stapler

Reduce the risk of contamination associated with loose staples in a food processing area. Blue transparent ABS stapler has a unique method of slitting and clipping up to 4 sheets of paper together safely and securely without staples.

Unit	Stock #	PRICE
EA	364-2348	$10.01

Metal Detectable Plastic Clipboards

Metal detectable and x-ray visible clipboards are lightweight, making them ideal for production area environments. Clipboards can be used in either landscape or portrait orientation. Available with heavy-duty stainless steel, stainless steel economy or chrome plated economy clip. Blue.

Clip Style	Unit	Stock #	PRICE
7″ x 9″			
HD stainless steel	EA	364-7234	$22.20
Stainless steel economy	EA	364-7235	$16.23
Chrome plated economy	EA	364-7236	$14.89
9″ x 12.5″			
HD stainless steel	EA	364-7038	$25.28
Stainless steel economy	EA	364-7232	$20.37
Chrome plated economy	EA	364-7233	$18.38
13.5″ x 18″			
HD stainless steel	EA	364-7191	$30.17
Stainless steel economy	EA	364-7192	$26.13
Chrome plated economy	EA	364-7193	$23.73

Stainless Steel Clipboards

Use this heavy-duty, metal detectable clipboard to hold your paperwork in food processing areas. Manufactured from 304 grade stainless steel, and includes a heavy-duty stainless steel clip.

Size	Unit	Stock #	PRICE
9″W x 12.5″L	EA	364-7049	$39.98
14″W x 18″L	EA	364-7051	$67.66

Call Customer Service at 800-826-8302

METAL DETECTABLE PRODUCTS

Aluminum Clipboards

Made of durable, recycled aluminum, this clipboard features a high capacity clip that can securely hold up to a 1" stack of paper.

Size	Unit	Stock #	PRICE
Letter, 8½" x 12"	EA	192-7123	$10.87
Legal, 8½" x 14"	EA	192-7117	$12.20

Stainless Steel Clipboard Clip

Detectamet
MANUFACTURING DETECTABLE FOOD SAFETY, OFFICE & PROFESSIONAL CLEANING PRODUCTS

Durable and lightweight clips made from stainless steel, chrome, or zinc plated steel.

HD Stainless Steel Clip

Size	Unit	Stock #	PRICE
2.75" x 5.75"	EA	364-7043	$10.98

Stainless Steel Economy Clip

Size	Unit	Stock #	PRICE
1.25" x 4.75"	EA	364-7186	$7.03

Chrome Plated Economy Clip

Size	Unit	Stock #	PRICE
1.25" x 4.75"	EA	364-7194	$5.03

Zinc Plated Pen Holder Clip

Size	Unit	Stock #	PRICE
1.25" x 4.75"	EA	364-7199	$6.03

Metal Detectable Keyhole Tags
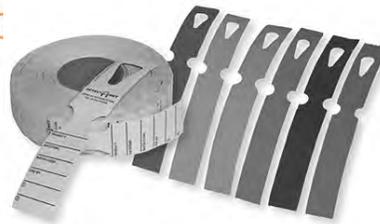
Made of quad-laminate material designed for food processing environments. 2" x 11" tags are pre-printed on one side with Products, Date/Time, Batch Code, Use By, and two blank lines. Detectable by end of the line metal detectors. 500 tags/roll.

Detectamet
MANUFACTURING DETECTABLE FOOD SAFETY, OFFICE & PROFESSIONAL CLEANING PRODUCTS

Color	Unit	Stock #	PRICE
1" x 7-1/2" Tags			
White	RL	364-2319	$109.07
Yellow	RL	364-2314	$109.07
Blue	RL	364-2312	$109.07
Green	RL	364-2313	$109.07
Brown	RL	364-2318	$109.07
Orange	RL	364-2315	$109.07
Purple	RL	364-2316	$109.07
2" x 11" Tags			
White	RL	364-2326	$131.46
Red	RL	364-2321	$131.46
Yellow	RL	364-2324	$131.46
Blue	RL	364-2320	$131.46
Green	RL	364-2325	$131.46
Brown	RL	364-2322	$131.46
Orange	RL	364-2323	$131.46

Metal Detectable Reusable Plastic Tags

Developed to allow small traces of label and tag fragments to be detected and rejected at any stage of the production process. Can be used in conjunction with dry erase or marker pens. 3-1/2" x 10 1/2". 25/pack.

Detectamet
MANUFACTURING DETECTABLE FOOD SAFETY, OFFICE & PROFESSIONAL CLEANING PRODUCTS

Color	Unit	Stock #	PRICE
Red	PK	364-2331	$45.44
Yellow	PK	364-2333	$45.44
Blue	PK	364-2330	$45.44
Green	PK	364-2332	$45.44

Prices subject to change.

Sqwincher®

Staying hydrated on the job isn't something that should be taken lightly. That's why Sqwincher has been taking hydration to the next level for the last 40 years. Each of their powders, concentrates, freeze pops, and lower-calorie solutions has the electrolytes and nutrients bodies need to keep them hydrated, fueled and focused every day of the week.

Description	Unit	Stock #	PRICE
64-oz. Liquid Concentrate - yields 5 gallons, 6/ca			
Cherry	CA	192-7715	$64.23
Orange	CA	192-7717	$64.23
Fruit Punch	CA	192-7718	$64.23
Grape	CA	192-7716	$64.23
Lemon-lime	CA	192-7719	$64.23
Tropical cooler	CA	192-7721	$64.24
Lemonade	CA	192-7720	$64.23
Cool Citrus	CA	080-2151	$69.46
Mixed Berry	CA	192-7714	$66.24
23.83-oz Powder Pack™ Instant Powder Concentrate - yields 2.5 gallons, 32/ca			
Cherry	CA	192-7730	$139.72
Orange	CA	192-7732	$139.72
Fruit Punch	CA	192-7733	$136.68
Lemon-Lime	CA	192-7734	$139.42
Lemonade	CA	192-7735	$136.68
47.66-oz Powder Pack™ Instant Powder Concentrate - yields 5 gallons, 16/ca			
Cherry	CA	192-7738	$127.99
Grape	CA	192-7739	$135.86
Orange	CA	192-7740	$127.99

Description	Unit	Stock #	PRICE
Fruit Punch	CA	192-7741	$127.99
Lemonade	CA	192-7742	$127.99
Tropical Cooler	CA	192-7743	$127.99
Lemon-Lime	CA	192-7763	$127.99
Mixed Berry	CA	192-7750	$127.99
Cool Citrus	CA	192-7751	$127.99
1.26-oz Qwik Serv™ Concentrate Pack - yields 16.9 ounces, 96 packs/ca			
Fruit Punch	CA	192-7772	$4.86
Lemon-Lime	CA	192-7773	$4.86
Orange	CA	192-7774	$4.86
Grape	CA	192-7775	$4.86
3-oz Sqweeze Freezer Pops - 150/Case			
Assorted Flavors	CA	196-7765	$49.08
0.6-oz Fast Pack™ Liquid Concentrate - yields 6 ounces, 200/ca			
Fruit Punch	CA	192-7746	$69.24
Lemon-Lime	CA	192-7747	$69.24
Lemonade	CA	192-7748	$69.24
Cherry	CA	192-7744	$70.22
QwikStik™ ZERO Instant Powder Concentrate - yields 20 ounces, 50/bg			
Fruit Punch	BG	196-7766	$20.19
Raspberry	BG	196-7767	$20.19
Lemonade	BG	196-7768	$22.05
Mixed Berry	BG	196-7769	$20.19
Accessories			
12-oz paper cups, 100/pk	PK	192-7758	$11.21
Pump spout for 64-oz liquid concentrate, 1-oz delivery	EA	192-7759	$14.39
Plastic mixing paddle, 27″ OAL	EA	192-7760	$10.02
SS wall mount basket for liquid concentrate bottles	EA	192-7761	$46.10

Cool Offs Headband/Neck Wrap

Contains unique water activated cooling crystals for all day cooling comfort. Simply immerse the 38″ long wrap in cold water for 5-10 minutes, then tie around the neck or forehead. Ideal for all types of working environments. Comes in royal blue and is 100% cotton and hand washable.

Unit	Stock #	PRICE
EA	101-2605	$1.54

ChillOut™ Evaporative Cooling Products

ChillOut Evaporative Cooling Products offer instant heat relief - simply soak in water and use. Wipe away sweat and moisture with these soft fabric-like, non-linting, reusable products. Machine washable and UV resistant.

Description	Color	Pkg	Unit	Stock #	PRICE
Cooling headband	Blue	50/ca	EA	192-2765	$4.04
Cooling insert for hard hats	Blue	25/ca	EA	192-2763	$14.47
Cooling neckband	Blue	50/ca	EA	192-2768	$3.80
Cooling towel	Blue	48/ca	EA	192-2760	$11.24
Cooling towel	High vis yellow	48/ca	EA	192-2769	$11.24

Call Customer Service at 800-826-8302

EMERGENCY WASHES

Eyesaline® Eyewash Stations

Provide immediate flushing of the eye until the injured person can be helped to a primary emergency eyewash device. Highly visible flushing station is bilingual with both English and Spanish instructions. Single station includes one 32-oz bottle of eyewash and dual station includes two 16-oz bottles of eyewash solution. Replacement solution available.

Honeywell

Description	Unit	Stock #	PRICE
Single Wall Station	EA	301-2197	$27.46
Dual Wall Station	EA	301-2195	$36.79
Replacement solution, 16-oz	BO	301-2199	$7.41
Replacement solution, 32-oz	BO	301-2201	$10.30

DUO pH Neutral/Saline Personal Eyewash Station

Wall-mounted, dual bottle personal eyewash station includes one 500 mL sterile pH Neutral solution bottle and one 1000 mL sterile Saline solution bottle. With two wash streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. Features ergonomic eyecups to provide an effective and comfortable flushing flow. The sterile pH Neutral phosphate solution is able to neutralize any acidic or alkali substance that enters the eyes to help restore a proper pH balance. Includes an instructional wall sign. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock #	PRICE
Eyewash Station	EA	310-2505	$54.95
500 mL pH Neutral Replacement Bottle	EA	310-2530	$17.95
1000 mL Saline Replacement Bottle	EA	310-2535	$16.95

DUO Saline Personal Eyewash Station

Wall-mounted, dual bottle personal eyewash station that includes two 1000 ml sterile Saline solution bottles. With two ergonomic streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. Includes an instructional wall sign. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock #	PRICE
Eyewash Station	EA	310-2510	$49.95
1000 ml Saline Replacement Bottle	EA	310-2535	$16.95

DUO pH Neutral/Saline Dust-Proof Personal Eyewash Station

Wall-mounted, dust-proof, dual bottle personal eyewash station that includes one 500 ml sterile pH Neutral solution bottle and one 1000 ml sterile Saline solution bottle in a tightly-sealed enclosure. With two ergonomic streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. The sterile pH Neutral phosphate solution is able to neutralize any acidic or alkali substance that enters the eyes to help restore a proper pH balance. Includes a visual assistance mirror. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock #	PRICE
Eyewash Station	EA	310-2520	$76.95
500 ml pH Neutral Replacement Bottle	EA	310-2530	$17.95
1000 ml Saline Replacement Bottle	EA	310-2535	$16.95

DUO Saline Personal Dust-Proof Eyewash Station

Wall-mounted, dust-proof, dual bottle personal eyewash station that includes two 1000 ml sterile Saline solution bottles in a tightly-sealed enclosure. With two ergonomic streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. Includes a visual assistance mirror. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock #	PRICE
Eyewash Station	EA	310-2525	$69.95
1000 ml Saline Replacement Bottle	EA	310-2535	$16.95

Prices subject to change.

Single DUO Saline Person Eyewash Station

Wall-mounted, single bottle personal eyewash station that includes one 1000 ml sterile Saline solution bottle. With two ergonomic streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. Includes an instructional wall sign. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock #	PRICE
Eyewash Station	EA	310-2515	$39.95
1000 ml Saline Replacement Bottle	EA	310-2535	$16.95

Scienceware® Plum Emergency Neutralizing Eye Wash Systems

Don't just rinse your eyes – neutralize! Strong alkalis and acids can penetrate the cornea in 45 seconds, permanently impairing vision. With the Plum neutralizing eye wash station, rapid neutralization back to the eye's normal pH of 7.4 can be accomplished in just 20 seconds. The bottles require no maintenance or cleaning, have a shelf life of up to 3 years, and meet all U.S. federal regulations. Complies with ANSI standards. Place near hazardous operations for immediate action, followed by OSHA prescribed treatment using eye rinse station. Note: saline solution is non-neutralizing and for rinsing only.

Description	Size	Pkg	Unit	Stock #	PRICE
Neutralizing eye wash station	Neutralizer: 200 mL; sterile saline: 500 mL	1/bx	BX	010-3003	$62.25
Eye neutralizer refill	200 mL	3/pk	PK	010-3006	$43.00
Eye saline solution refill	500 mL	3/pk	PK	010-3007	$38.20

Portable Gravity Fed Eyewash

Compact portable eyewash that is ideal for remote locations. Uses gravity to supply a continuous flow of clean water to injured personnel for a full 15 minutes. Features an FDA approved high-density green polyethylene tank that is easily activated by pulling the yellow activation arm down to the open position. A wide-fill opening with threaded cap permits easy inspection, cleaning and filling. Relocation is simple due to the easily mounted bracket (included) and light design of this 9-gallon eyewash. Measures 14-1/2" high x 22" wide x 10-1/8" deep. Certified by CSA to meet the ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment.

Model	Unit	Stock #	PRICE
7501	EA	310-2131	$230.00

Eyewash Water Additive

Bacteriostatic preservative for use in portable eyewash stations. One 5-oz bottle will preserve 5 to 20 gallons of potable water for up to three months. Four 5-oz bottles/box.

Unit	Stock #	PRICE
BX	310-2706	$57.00

Emergency Body Spray Drench Hose

Wall-mounted body spray with 8 foot swivel hose provides an extended coverage area to further optimize the irrigation process. Features a drench head that can be easily activated with an integral squeeze lever, providing a maximum coverage area for the body with its soft flowing streams of water. Unit can be conveniently mounted using wall clips to keep firmly against the wall. Requires minimal maintenance and is equipped with a test card to record weekly testing.

Model	Unit	Stock #	PRICE
8901B	EA	310-2615	$260.00

Call Customer Service at 800-826-8302

EMERGENCY WASHES

AXION® MSR Showerhead

Retrofit your current Haws shower head to the newest advances in shower technology. This showerhead can be used with almost any Haws shower or combination model, with the use of a 1″ NPT inlet. The nozzle uses the latest hydrodynamic principles to spin inlet water providing more effective and complete coverage with a softer flow. Green ABS plastic.

Model	Unit	Stock #	PRICE
SP829	EA	310-2829	$105.00

AXION® MSR Eye/Facewash Head

This simple upgrade kit turns most existing Haws eye/facewash installations into a medically superior response unit. Using an inverted stream, flushing fluid is introduced at the inner corner of the eye and contaminants are flushed to the outer corner of the eye. This is the method recommended by healthcare professionals and is the natural function of the eye. Kit includes: adapters, a yellow pop-off dust cover, and a green ABS head that is treated to protect against mold and mildew.

Model	Unit	Stock #	PRICE
SP65	EA	310-2565	$155.00

Eyewash Stations

These eyewash stations feature the medically acclaimed AXION® MSR eye/face wash head assembly. The inverted flow contacts the eyes at the inner corners and flushes contaminants outward and away from the nasal cavity. Instant-action, stay-open valve operates with push flag. Choose wall or pedestal mount with either a stainless or plastic bowl.

Model #	Description	Bowl	Unit	Stock #	PRICE
7260B	Wall mounted	Plastic	EA	310-2035	$335.00
7460B	Wall mounted	Stainless	EA	310-2065	$400.00
7261	Pedestal mounted	Plastic	EA	310-2040	$460.00

AXION® Emergency Showers and Face Wash Stations

AXION emergency showers and eye wash stations incorporate the revolutionary inverted flow design which sweeps contaminants away from the vulnerable nasal cavity. This is the only design currently on the market that provides a Medically Superior Response (MSR) consistent with all EMT, emergency room, and doctor office protocols.

AXION® eyePOD® Faucet Mounted Eyewash

Ideal for industrial situations. The symmetrical 'pod' look of the eyewash is constructed of stainless steel and given a polished finish for a durable, esthetically pleasing piece of emergency equipment. Installation is easy as the unit includes 4 faucet adapters in addition to the 55/64-27 female connection which is standard. Features a thermostatic shutoff that will protect the user from water over 100°F by shutting off the eyewash. Meets the ANSI Z358.1 Standard for Emergency and Shower Equipment.

Model	Unit	Stock #	PRICE
7620	EA	310-2175	$265.00

AXION® MSR Emergency Shower & Eye/Face Wash

Features a new hydrodynamic shower design. Minimizes the strong physical pressure that drives the water to the outer rim of normal shower heads, making the distribution equal across the entire footprint of the flow. Better use of the water flowing through the shower makes it more effective, while breaking the streams of water into smaller individual droplets provides a more comfortable environment.

Features:
- Stainless steel push flag for eyewash activation.
- Stainless steel pull rod for shower activation.
- Mesh in-line eyewash strainer to collect line debris.
- Ball valves with stainless steel ball and stem for durability.

Pipe and fitting: 1-1/4″ Schedule 40 hot-dipped galvanized steel. Supply and Waste: 1-1/4″ IPS. Meets ANSI Z358.1 Standard for emergency Eyewash and Shower Equipment.

Model	Wt	Unit	Stock #	PRICE
8320-8325	47	EA	310-2419	$995.00
8300-8309	50	EA	310-2400	$1,075.00

Prices subject to change.

AXION® MSR Emergency Shower & Eye/Face Wash

Floor-mounted model featuring the Axion MSR™ eye-face wash and showerhead units with no bowl. Push-flag control for eyewash. Sign and high-visibility tape included.

Wt	Unit	Stock #	PRICE
46	EA	310-2415	$975.00

AXION® MSR Emergency Drench Shower

Offers a new hydrodynamic shower design that minimizes the strong physical pressure that drives the water to the outer rim of normal showerheads, making the distribution equal across the entire footprint of the flow. Better use of the water flowing through the shower makes it more effective while providing a more comfortable environment by breaking the streams of water into smaller individual droplets. Features solid galvanized steel construction with an ABS plastic showerhead for a durable long lasting product. Reduce installation time due to the pre-built valve assembly and the units ability to mount horizontally or vertically from any wall or ceiling. Certified by CSA to meet the ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment.

Wt	Unit	Stock #	PRICE
7	EA	310-2280	$295.00

Shower Test Kit

Test emergency showers with ease. This kit includes an upper corrosion resistant ring to encircle the shower head and tunnel shaped yellow Tyvek® waterproof tube to guide the water column to the model 9009 waste water container, or a drain. The holding rod can be used as a handle for ease of testing by user. The 20 gallon yellow waste water container (sold separately) is constructed of tough polymer resin.

Model	Description	Unit	Stock #	PRICE
9010	Shower test kit	EA	310-7021	$115.00
9009	Waste water container	EA	310-7022	$165.00

Emergency Shower & Eye Wash Test Record Tags
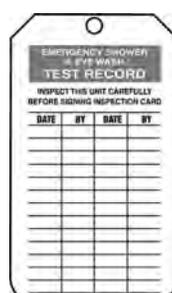
Record monthly emergency shower and eye wash inspections on these durable 4-1/2" x 2-1/8" tags. These cardstock tags are green, white and black and perfect for hanging in tight locations. 25 tags/pack.

Unit	Stock #	PRICE
PK	080-2081	$10.93

Call Customer Service at 800-826-8302

SAFETY KNIVES

Klever Kutter Safety Cutter

A smarter, safer way to cut. Klever Kutter is great for cutting boxes, plastic packaging, tape, stretch wrap, twine, plastic bands, and more. The unique cardboard piercing shape reduces damaged goods in boxes or packages, and the dual hook design lasts twice as long as single blade cutters. Small ridges on the handle ensure a secure grip, while the recessed dual carbon steel blades reduce injuries. NSF certified. The high visibility color makes it easy to find in work environments. Yellow. 10/pack; 100 packs/case.

Unit	Stock #	PRICE
PK	448-2000	$17.51

CrewSafe® Lizard® Safety Utility Knife

Never touch, buy, or worry about replacement blades again! The Lizard eliminates all loose and broken razor blades and injuries to employees. Features shatter resistant blade with specially formulated surgical stainless steel, automatic retractable safety blade guard and ergonomically designed handle for better control. Composed of high-impact and lightweight materials. Orange. 6/box.

Unit	Stock #	PRICE
BX	619-2200	$14.22

CrewSafe® X-traSafe® CU Safety Utility Knife

The XS-CU safety knife is designed to reduce recordable injuries from lacerations, and virtually eliminates handling loose blades, blade changes and blades contaminating processed or served foods. This safe, user friendly and clearly visible knife can be safely used for general duty cutting applications in many industries including food service, food processing, medical, grocery, retail, and convenience stores. Yellow handle is lightweight and comfortable for a secure, non-fatiguing grip. Also has a box tape cutter to reduce wear on the blade and easily open boxes without damaging contents. A patented safety guard system locks after each cut and stays locked until the trigger is released and squeezed again, leaving no loose or exposed blades. The surgical stainless steel blade is permanently imbedded in the handle of the knife so you never need to change blades or worry about stray blades contaminating product. 6/box.

Unit	Stock #	PRICE
BX	619-2240	$22.18

Secumax 150 Disposable Safety Cutter

A disposable, concealed blade safety cutter that cuts shrink wrap, strapping, banding, box tape, corrugate and more without the threat of an exposed blade. The thin profile of the head helps this cutter perform tasks that others might not. Features a double-sided head for multiple uses, and a durable body made of polycarbonate plastic. Black.

Unit	Stock #	PRICE
EA	445-2003	$1.85

Ultimate Utility Knife with Sheath

Heavy-duty stainless steel utility knife has a non-retractable blade and an orange Kraton® (high-performance thermoplastic) finger grip non-slip handle. Non-replaceable heavy-duty blade is thicker than most utility knives and can be sharpened to extend use. Black molded sheath included.

Unit	Stock #	PRICE
EA	570-2010	$18.44

CrewSafe® Viper® Safety Bag & Pouch Opener

Specifically designed to reduce costly workplace laceration injuries while helping to prevent cross contamination. The ergonomically designed handle opens bags made from a variety of materials with one fluid motion, with minimum effort and maximum ease. Features stainless steel blades that resist corrosion and breaking. NSF certified and made from FDA approved materials. Dishwasher and sanitizer safe. Orange. 6/box; 72 boxes/case.

Unit	Stock #	PRICE
BX	619-2225	$12.86

Viper® Pro-Multi-Purpose Safety Cutter

NSF certified safety cutter minimizes cross contamination, lacerations, and reduces food product damage. Combines the functionality of a bag opener with a cutter, giving you the convenience of an all-in-one tool that safely cuts through bags, pallet wrap, boxes, paper, and more. Made of FDA compliant food-safe materials. Dishwasher and sanitizer safe. Yellow. 6/box; 72 boxes/case.

Unit	Stock #	PRICE
BX	619-2226	$13.04

Prices subject to change.

SAFETY KNIVES

Safety Cutter

Eliminate the risk of accidents and product damage with this safe and reliable cutter. Cuts tape, stretch film, and most banding. Features unique, concealed, moving blade that won't jam or snag. Uses entire blade to get up to 4 times the life as other cutters. Replacement blades sold separately.

Description	Color	Unit	Stock #	PRICE
Safety cutter	Red	EA	570-2055	$10.01
Safety cutter	Yellow	EA	570-2051	$10.01
Replacement blades, 10/pk	-	PK	570-2060	$5.62

Stainless Steel Self-Retracting Safety Knife

Specifically designed for use in food production environments, this stainless steel knife and blade are metal detectable and NSF certified. The open blade channel provides an easy-to-clean sanitary design, while the slip resistant handle has notches to help improve grip and control. This safety knife also features a lanyard hole to help avoid loss, and comes preloaded with an OLFA® SKB-2S safety blade. Change blades quickly and easily without have to use a tool blade. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
SK-12 Safety knife	EA	511-2044	$20.19
SKB-2S SS Replacement blades, 10/pk	PK	511-2045	$9.05

OFLA® Safety Knife with Blade Safety Guard

Make safety a priority by choosing this OLFA safety knife. The blade is shielded with a spring-activated guard that causes it to retract when it loses contact with the cutting surface. Use this knife for cutting light to heavy-duty material such as cardboard, packaging, film, trimmings, shrink wrap and strapping. Rounded tip replacement blades sold separately. Yellow/Black.

Description	Unit	Stock #	PRICE
SK-6 Safety knife	EA	511-2006	$12.75
RSKB-2 Rounded tip replacement blades, 10/pk	PK	511-2046	$6.63

OLFA® Automatic Self-Retracting Safety Knife

Specially designed heavy-duty safety cutter features a spring-loaded blade that automatically retracts when contact is lost with the material being cut, even when the blade slide is engaged. Features an anti-slip, cushion grip handle with a large blade for easy use, and a symmetrical shape for right or left handed use. Replacement blades sold separately. Yellow.

Description	Unit	Stock #	PRICE
SK-8 Safety knife	EA	511-2008	$15.31
SKB-8 Replacement blades, 10/pk	PK	511-2048	$6.10

OLFA® Self-Retracting Safety Knife

Spring-retractable safety cutter features right or left handed operation, stainless steel blade channel and slip resistant ergonomic grip. Blade remains extended while cutting and automatically retracts when the blade loses contact with the cutting surface. Blades are easily replaced without the use of additional tools. Round tip replacement blades sold separately. Yellow.

Description	Unit	Stock #	PRICE
SK-4 Safety knife	EA	511-2004	$9.21
RSKB-2 Rounded tip replacement blades, 10/pk	PK	511-2046	$6.63

IRWIN Utility Knives

Choose from a model with a self-retracting blade or a standard retractable knife. Change blades easily on either knife without having to use a tool. Irwin blue replacement blades sold separately.

- The Standard Retractable Knife features an optimized cutting angle for reduced fatigue, a slide assembly durable 3 position design, and inside storage for up to 5 blades.
- The Self-Retracting Safety Knife features a self-retracting spring action, which returns the blade safely into the housing when not in use. The interlocking nose reduces blade wobble while the ergonomic grip fits comfortably in the hand. Choose from two blade positions - 2mm extension for box cutting and full extension for general use.

Description	Color	Unit	Stock #	PRICE
Standard retractable safety knife	Silver	EA	440-2077	$4.89
Self-retracting safety knife	Red	EA	440-2078	$6.62
Replacement blades, 50/pk	Blue	PK	440-2064	$17.75

Call Customer Service at 800-826-8302

SAFETY KNIVES

SpeedPak Ti Utility Knife

SpeedPak is a unique cartridge based utility knife that allow for quick, easy and safe blade changes. Each cartridge holds 10 Titanium bonded, double-edged blades that are 3X harder than steel and stay sharper longer. Strong enough for industrial environments and simple enough for everyday use. Knife has a lightweight aluminum body and a non-slip grip. Includes 1 utility blade cartridge. Replacement cartridges available with utility, hook, dubbed or serrated blades.

Description	Unit	Stock #	PRICE
SpeedPak utility knife	EA	407-2000	$8.77
Replacement utility blade cartridge, 5 cartridges/pk	PK	407-2005	$16.16
Replacement serrated blade cartridge, 5 cartridges/pk	PK	407-2010	$25.14
Replacement dubbed blade cartridge, 5 cartridges/pk	PK	407-2015	$16.16
Replacement hook blade cartridge, 5 cartridges/pk	PK	407-2020	$24.42

Secupro Megasafe Safety Knife

Robust handle is 100% aluminum, allowing you to master all manners of standard cutting materials with this cutter - even multi-layered ones. Thumb sliders on both sides of the handle allow this knife to be used from both sides. Blade change is easy and safe - simply push down on the rocker device and push the slider completely forward. The double-edge blade allows you to double the usage of the blade with a simple flip. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
Megasafe safety knife	EA	445-2015	$22.96
Sharp tip trapezoid replacement blades, 100/bx	BX	445-2016	$70.13
Blunt tip trapezoid replacement blades, 100/bx	BX	445-2017	$65.72

Secumax Combi Safety Cutter

A concealed blade safety cutter that cuts shrink wrap, strapping, banding, box tape, bags, and more without the threat of an exposed blade. Features an integrated tape slitter, a durable body made of polycarbonate plastic, and a double sided blade for maximum security. Black. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
Safety cutter	EA	445-2010	$13.13
Deep edged replacement blades, 100/bx	BX	445-2030	$60.71

Secumax Easysafe Safety Cutter

A concealed blade safety cutter that cuts shrink wrap, strapping, banding, box tape, bags and more without the threat of an exposed blade. The tension piece in front of the blade allows the Easysafe to cut where other concealed blade knives might tear the material. Features an ergonomic handle to reduce fatigue, an integrated adhesive tape slitter, and a four-cutting edge blade to quadruple your usage before changing blades. Blades can be locked with an optional key (sold separately), so that blade changing can only be done by authorized personnel. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
Easysafe safety cutter	EA	445-2121	$15.65
SS Replacement blades, 100/bx	BX	445-2035	$68.95
Lock screw wrench	EA	445-2122	$0.60

Secumax Combi/Easysafe Connector

Easily attaches your Combi (#445-2010) or Easysafe (#445-2121) cutter to any threaded extension pole and allows for an adjustable angle to fit your needs. This device prevents the use of "homemade" utility knife extension poles, which have been known to cause many serious injuries.

Unit	Stock #	PRICE
EA	445-2028	$3.43

Secumax 350 Safety Cutter

Protect operator and product simultaneously with this concealed blade safety cutter that cuts shrink wrap, strapping, banding, box tape, corrugate and more without the threat of an exposed blade. The thin profile of the head helps this cutter perform tasks that others might not. Features a double-sided head for multiple uses, and a durable body made of polycarbonate plastic. Black. Replacement heads (sold separately) are available for maximum economy.

Description	Unit	Stock #	PRICE
Safety cutter	EA	445-2009	$9.29
Replacement head, 10/pk	PK	445-2011	$9.30

Prices subject to change.

METAL DETECTABLE SAFETY KNIVES

Secunorm Smartcut Metal Detectable Safety Knife

A disposable, ambidextrous, spring-loaded safety knife designed to cut packaging materials. Made from metal detectable plastic (MDP) and includes a non-replaceable stainless steel blade. Blue.

martor
USA

Unit	Stock #	PRICE
EA	445-2054	$4.80

Metal Detectable Securemax Combi Safety Cutter

Designed to cut with absolute safety and efficiency. Use for cutting plastic and nylon banding, shrink wrap, and multiple layers of film. Made from metal detectable plastic (MDP), and includes an integrated tape slitter. Change blades easily without the use of a tool. #455-2052 features a locking blade cover to prevent unauthorized access to blade. User may only access the blade with a lock screw wrench (sold separately). Replacement blades sold separately. Blue.

martor
USA

Description	Unit	Stock #	PRICE
Metal detectable safety cutter	EA	445-2051	$13.47
Metal detectable safety cutter w/locking cover	EA	445-2052	$13.47
Lock screw wrench	EA	445-2053	$1.03
SS Replacement blades, 100/bx	BX	445-2055	$92.39

Metal Detectable Retractable Safety Knife

Spring-retractable safety knife allows the blade to lock in the "out" position while a controlled cut is being made. The blade retracts once contact with the cutting surface is lost. Easy, tool free blade change - just slide the blade mount insert back. Replacement blades sold separately.

detectamet
MANUFACTURING DETECTABLE FOOD SAFETY, OFFICE & PROFESSIONAL CLEANING PRODUCTS

Description	Unit	Stock #	PRICE
Self-retracting safety knife	EA	364-2407	$37.30
SS replacement blades, 10/pk	PK	364-2425	$18.16

Metal Detectable Heavy-Duty Safety Knife

Fully metal detectable heavy-duty safety knife has a unique patented valley that guides the material to be cut directly along the surgical steel blade taking the strain off the operator. Suitable for cutting cable ties, rope, string and netting. Blue. Replacement stainless steel straight blades sold separately.

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Description	Unit	Stock #	PRICE
Safety knife	EA	364-2641	$27.15
Replacement SS straight blade, 10/pk	PK	364-2642	$18.80

Metal Detectable Safety Knife with Retractable Hook Blade

Stainless steel blade is molded into metal detectable plastic. This disposable safety knife is suitable for cutting strapping, paper, stretch and bubble wrap, tape and cardboard. Patented 'opposed exits' at the back of the blade allows material being cut to easily pass the knife after being cut. Spring loaded retractable hook blade on opposite end. Blue.

Unit	Stock #	PRICE
EA	364-2643	$10.18

Metal Detectable Retractable Safety Knife

Fully metal detectable safety knife is available with a plastic or aluminum internal blade carrier. Stainless steel straight blade locks in the 'out' position while a controlled cut is being made. If the knife is jerked, shaken or dropped, the blade will retract. Blade lock control for safe storage. Black. Replacement blades sold separately.

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Description	Unit	Stock #	PRICE
Safety knife w/ plastic blade carrier	EA	364-2638	$28.00
Safety knife w/ aluminum blade carrier	EA	364-2639	$36.62
Replacement SS straight blades, 10/pk	PK	364-2648	$18.16

Call Customer Service at 800-826-8302

METAL DETECTABLE SAFETY KNIVES

Metal Detectable Safety Knife with Hook Blade

Fully detectable safety knife includes a hook blade to puncture the material being cut, preventing damage to the contents. The unique patented valley guides the material being cut directly along the surgical steel blade taking the strain off the operator and increasing overall efficiency. Dark Blue. Replacement hook and straight blades sold separately.

Description	Unit	Stock #	PRICE
Safety knife	EA	364-2646	$11.22
Replacement SS hook blades, 10/pk	PK	364-2644	$11.98
Replacement SS straight blades, 10/pk	PK	364-2647	$11.98

Light-Duty Metal Detectable Packaging Cutter

Reduce the risk of accident through blade changing by using this fixed blade cutter. Body is made of impact resistant, metal detectable polypropylene for durability. Pointed nose allows for insertion of the cutter into all types of paper and plastic. This disposable cutter features a non-replaceable stainless steel blade.

Color	Unit	Stock #	PRICE
Red	EA	364-2408	$7.58
Yellow	EA	364-2409	$7.58
Blue	EA	364-2411	$7.58
Green	EA	364-2412	$7.58

Heavy-Duty Metal Detectable Packaging Cutter

Heavy-duty fixed blade cutter reduces the risk of accidents by eliminating blade change. Body is made of impact resistant, metal detectable polypropylene for durability. The integrated tape slitter safely cuts packaging tape without an exposed blade, while the pointed nose allows for insertion of the cutter into all types of paper and plastic. This disposable cutter features a non-replaceable stainless steel blades.

Color	Unit	Stock #	PRICE
Red	EA	364-2413	$9.09
Yellow	EA	364-2414	$9.09
Blue	EA	364-2415	$9.09
Green	EA	364-2416	$9.09

Metal Detectable Bag Cutter

Specifically designed to cut multilayer paper or plastic. Features a molded in stainless steel blade for added safety. The patented opposed slopes at the back of the blade reduce friction resistance which enables a smooth and more effective cut. Blue.

Unit	Stock #	PRICE
EA	364-2430	$9.09

Metal Detectable Multipurpose Safety Knife

Disposable, metal detectable knife for light use. Body is made of impact resistant, metal detectable polypropylene for durability and is food contact approved. Hygienic, molded in shielded stainless steel blades provide added safety. The pointed nose allows for insertion of the cutter into all types of paper and plastic. Available with or without hook blade, or with tape slitter.

Color	Unit	Stock #	PRICE
Without hook blade			
Red	EA	364-2417	$8.05
Yellow	EA	364-2418	$8.05
Blue	EA	364-2419	$8.05
Green	EA	364-2420	$8.05
With hook blade			
Red	EA	364-2421	$8.43
Yellow	EA	364-2422	$8.43
Blue	EA	364-2423	$8.43
Green	EA	364-2424	$8.43
With tape slitter			
Red	EA	364-2426	$8.43
Yellow	EA	364-2427	$8.43
Blue	EA	364-2428	$8.43
Green	EA	364-2429	$8.43

Looking for more Metal Detectable Products?

Call us today and ask to receive a FREE Metal Detecable Flyer

Prices subject to change.

Budget Spill Basin

Add low-cost spill control to your workplace with this 2-drum unit. Drums rest on the floor of the sump. Good for the chemical storage areas of your food processing plant. 34-gallon spill capacity. 26-1/4″ x 51-1/2″ x 6-1/2″ high. Made in the USA.

Wt	Unit	Stock #	PRICE
28	EA	192-7082	$146.14

Spill Containment Pallets

Contain hazardous spills with this forkliftable pallet. Polyethylene construction for excellent chemical resistance. Removable grating for easy cleaning. 3/4″ drain plug. Meets EPA requirements for secondary spill containment of hazardous materials. Yellow. Made in the USA.

Model	Drums	Capacity	Size	Wt	Unit	Stock #	PRICE
1620	2	66-gal	51″L x 26¼″W x 15″H	52	EA	192-7122	$401.32
1645	4	66-gal	51½″L x 51½″W x 10″H	67	EA	249-2031	$501.60
1640	4	90-gal	51½″L x 51½″W x 18½″H	88	EA	192-7072	$571.88

Modular Spill Containment Platform Systems

Connect these platforms in any configuration to fit your space. Low-profile design makes them safe to load and unload. Separate poly ramp makes it even easier. High-density polyethylene units have superior strength and removable poly grating for easy cleaning. Can be used for chemical or ingredient drums in food processing facilities and more. Four drum unit consists of two 2-drum units plus a U-channel connector. Made in the USA.

Model	Drums	Capacity	Size	Wt	Unit	Stock #	PRICE
1633	1	12-gal	26″L x 26″W x 6.5″H	16	EA	249-2015	$144.90
1632	2	30-gal	26.25″L x 51.5″W x 6.5″H	35	EA	249-2020	$263.00
1634	4(2 X 2)	30-gal/side	52.5″L x 51.5″W x 6.5″H	65	EA	249-2025	$473.42
1689	Ramp	_	45.5″L x 32″W x 8″H	32	EA	249-2030	$257.16
1642S	Replacement grate	1-drum	25.5″L x 25.5″W	6	EA	249-2012	$38.16
1642	Replacement grate	2-4 drum	51.25″L x 25.5″W	11	EA	249-2010	$78.54

Call Customer Service at 800-826-8302

SPILL CONTROL PRODUCTS

Anti-Slip Absorbents

This safety sorbent maintains the highest anti-slip or non-skid characteristics of all sorbents. The volcanic ash rock creates a natural surface to plant floors. The product is also ideal for vapor suppression. Packaged in a 25 lb bag or in 2-1/2 lb carton.

Size	Unit	Stock #	PRICE
2-1/2 lb shaker carton	EA	454-1000	$4.41
25 lb bag	BG	454-1001	$22.67

Universal Absorbent Cotton Stock

Their natural biodegradable composition are environmentally friendly for disposal. Help surround spills offering easy containment and clean up. These work perfect for surrounding machine bases or drains. Made from all natural, non-toxic and recycled fibers. Absorbs up to 66 gallons per sock. Sold 40/case.

Size	Unit	Stock #	PRICE
3″ x 4′	CA	454-1002	$70.38

Universal Absorbent Polypropylene Sock

Tough polypropylene skin deters tearing and offers maximum flexibility. Help surround spills offering easy containment and clean up. These work perfect for surrounding machine bases or drains. Universal sorbents absorb not only oil, but coolants, glycols, solvents, and even water. Absorbs up to 66 gallons per sock. Sold 40/case.

Size	Unit	Stock #	PRICE
3″ x 4′	CA	454-1003	$63.50

Universal Mobile Spill Kit Kaddie

The mobile spill kit tool kaddie is comprised of spill control and safety products for general purpose applications. Its easy out-opening doors and push cart mobility make this kit the most desirable spill kit for industrial applications. Also available in oil only version. Includes: 40-pads, 2-socks 3"x10', 2-nitrile gloves, 4-epoxy sticks, 50-wipes, 5-socks 3"x4', 8-pillows, 1-pair goggles, 2-disposable bags, 1-emergency response guide.

Size	Color	Wt	Unit	Stock #	PRICE
20″ x 20″ x 48″	Gray	70	EA	454-1006	$532.64

Universal Wall Mounted Spill Kit

Mount these low profile spill kits around high risk spill areas. Emergency response guide also available. Includes: 1-plastic wall cabinet, 10-sorbent pads, 8-sorbent socks 3"x48", 4-sorbent pillows, 4-disposable bags, 2-pair nitrile gloves, 2-pair goggles, 2-disposable suits.

Size	Unit	Stock #	PRICE
25-5/8″ x 18-7/8″ x 35-5/8″	EA	454-1007	$244.19

Prices subject to change.

Manhole Sign

Meeting OSHA's confined space warning requirements by reminding workers to follow proper confined space procedures, these high impact polycarbonate signs fit under the manhole cover. The design allows air to pass through the ventilation holes while also letting water to drain in. You can also use instrument probes without having to remove the sign from its position under the manhole cover. Available in two sizes to fit 24" and 26" manholes. Black.

Size	Unit	Stock #	PRICE
24"	EA	101-2819	$63.27
26"	EA	101-2820	$63.27

ALLEGRO
INDUSTRIES

Flammable Liquids Cabinets

EAGLE

Keep your combustible liquids stored in a top-quality cabinet. The cabinet has 2 manual close doors and a 3-point key lock. Adjustable galvanized shelves. 2" vents with fire baffle and caps. Yellow cabinet. Ships direct from manufacturer. Freight charges apply. Made in the USA. Meets NFPA Code 30 and OSHA requirements. Other sizes available.

Model	Capacity	Size	Shelves	Wt	Unit	Stock #	PRICE
1932	30-gal	43"W x 18"D x 44"H	1	231	EA	412-1990	$1,197.28
1947	45-gal	43"W x 18"D x 65"H	2	312	EA	412-1992	$1,482.10

KEY-MATE® Flashlight

This micro miniature machined aluminum LED flashlight comes with a keychain, neck lanyard, and pocket clip. Powerful lighting with runtime up to 96 hours. Black case. Uses 4 alkaline button cell batteries (included).

Length	Unit	Stock #	PRICE
2.36"	EA	248-2010	$13.40

STREAMLIGHT

CLIPMATE® Flashlight

Small but durable this clip-on light contains 3 high-intensity white LED lights. Includes a large clip, fully adjustable head strap, and a neck lanyard. Have one for everyone in your maintenance department. Runtime up to 120 hours. Yellow case. Uses 3 x AAA batteries (included).

Length	Unit	Stock #	PRICE
3.5"	EA	248-2015	$21.94

STREAMLIGHT

Call Customer Service at 800-826-8302

SAFETY LIGHTING

STYLUS PRO® Flashlight

Ultra-slim and features an amazingly bright white LED bulb that is visible a mile away. This penlight has a machined aluminum case and a tailcap switch for single-handed operation. Includes a pocket clip, and neck lanyard. Perfect for supervisors and QA personnel. Black. Uses 2 x AAA batteries (included).

Length	Unit	Stock #	PRICE
5.3"	EA	248-2021	$26.84

Streamlight Jr.® LED Flashlight

This ultra-compact light is super-bright and ultra-convenient. Cutting edge C4® LED technology produces up to 3 times the output of previous LEDs. Push-button tailcap for steady on or momentary on/off operation. Light is shock-resistant and water-resistant. Black aircraft aluminum case. Includes black nylon holster. Uses 2 x AA batteries (included).

Length	Unit	Stock #	PRICE
6.5"	EA	248-2230	$43.04

Task-Light® LED Flashlight

C4® premium LED technology produces 2-3 times the output of previous LEDs. Black machined aluminum body with push button head switch. Water resistant case with an unbreakable polycarbonate lens. Up to 16 hours runtime. Uses 3 x AA batteries (not included).

Length	Unit	Stock #	PRICE
8.4"	EA	248-2210	$53.37

ProPolymer® LED Flashlight

Long-reaching with high output these flashlights are virtually indestructible, nonconductive polymer with a scratch-resistant polycarbonate lens. Convenient tailcap on/off/blink switch. Yellow case. Batteries included.

Length	Batteries	Unit	Stock #	PRICE
6.3"	2 x AA	EA	248-2162	$26.01
7"	4 x AA	EA	248-2163	$46.89

ENDURO® Headlamp

One of the lightest, brightest, most comfortable headlamps available today. It features high and low lighting modes. Includes integrated rubber/elastic combination headstrap and a clip that attaches to the brim of your bump cap, your lapel, or car visor for secure, hands-free use. Impact and water resistant. Black. Uses 2 x AAA batteries (included).

Unit	Stock #	PRICE
EA	248-2027	$17.97

Propolymer Dualie® Flashlight

The Dualie is a durable, non-conductive, corrosion-proof polymer resin flashlight. Textured for a sure grip, this flashlight allows you to see ahead of you and in front of your feet. There are three lighting modes: spot 140 lumens with 18 hour run time, flood 140 lumens with 18 hour run time, and spot and flood simultaneously 245 lumens with 9 hour run time. A snag-free clip grabs onto shirt, pockets or gear for hands free use. Uses 3 x AA batteries (included).

Color	Unit	Stock #	PRICE
Black	EA	248-2254	$40.64
Yellow	EA	248-2253	$40.64

P7.2 320 Lumen Flashlight

A perfect combination of size, power, reliability and easy-to-use operation with this flashlight. The P7.2 flashlight has simple to remember high/low/off settings, and features the Advanced Focus System™ to quickly cast a far-off spot, or close up spill light for reading. 5-year warranty. Uses 4 x AAA batteries (included).

Length	Unit	Stock #	PRICE
5.12"	EA	660-4003	$69.85

Prices subject to change.

TT 280 Lumen Flashlight

LEDLENSER

Bringing light to new places with its 280 lumen beam. The Turning Focus System™ provides a customizable light picture, focusing on objects at a distance or seamlessly filling your peripheral. The TT comes with removable anti-roll protection, ensuring the light you need will always be within your reach. 5-year warranty. Uses 3 x AAA batteries (included).

Length	Unit	Stock #	PRICE
4.57"	EA	660-4004	$41.99

T2QC 140 Lumen Flashlight

LEDLENSER

A compact, lightweight hand held flashlight designed with functionality in mind. The T2QC features a textured handle for extra grip, a prism diffuser for optimized light diffusion and performance, and has IPX6 rated splash-proof housing. 5-year warranty. Uses 3 x AAA batteries (included).

Length	Unit	Stock #	PRICE
3.8"	EA	660-4002	$37.79

T2 240 Lumen Flashlight

LEDLENSER

Incorporating trusted performance, brightness and design for a simple but effective flashlight. The T2 touts a 240 lumen spot beam that penetrates 590 feet into the darkness. A dynamic switch allows for easy handling, making the T2 ideal for any situation at work where usability and reliability are key. 5-year warranty. Uses 3 x AAA batteries (included).

Length	Unit	Stock #	PRICE
4.53"	EA	660-4005	$36.95

1.5 Volt 303/357 Silver Oxide Button Cell Battery

DURACELL

General use button cell battery. 1.5V, Silver Oxide. 6 batteries per pack.

Unit	Stock #	PRICE
PK	192-2128	$12.46

DURACELL

Increased battery life for longer service and lower operating expenses. Manufactured to rigid specifications to meet some of the highest standards of durability and longevity that professional users demand and expect, the Procell outperforms the rest. Procell batteries deliver outstanding performance with a 7-year freshness guarantee backed up with date coding. Reliable operations in temperatures between -20 to 54°C. These batteries contain no Mercury so there is no disposal issues.

Pkg	Unit	Stock #	PRICE
6V Procell			
6/pk	EA	192-2103	$21.35
9V Procell			
12/pk	PK	192-2127	$14.71
AAA Procell			
4/bx	BX	192-2104	$2.73
AA Procell			
4/bx	BX	192-2102	$2.69
C Procell			
12/pk	PK	192-2112	$8.57
D Procell			
12/pk	PK	192-2114	$11.39

POLYSTINGER® Rechargeable Flashlight

STREAMLIGHT

This super-tough nylon polymer flashlight has a non-slip grip and unbreakable polycarbonate lens. The nickel-cadmium battery is rechargeable up to 1,000 times. Includes both AC and DC chargers. Keep one in each department for power loss emergencies. LED Bulb. Yellow case.

Length	Unit	Stock #	PRICE
8.07"	EA	248-2322	$156.29

Call Customer Service at 800-826-8302

SAFETY LIGHTING

M7R 400 Lumen Rechargeable Flashlight

LEDLENSER

A rechargeable flashlight that doesn't compromise on anything. With the premium Advanced Focus System™ for near-to-far beam adjustment and Focus Lock™ to keep your place when holstering, this is a tactical light any professional would love to have. This light includes the Floating Charge System™ for recharging on the wall, or on the go with the USB cable. 5 year warranty.

Length	Rechargeable Battery	Recharge Time	Unit	Stock #	PRICE
6"	1 X 1CR18650	6hr 30min	EA	660-4000	$149.85

P5R.2 270 Lumen Rechargeable Flashlight

LEDLENSER

A flashlight with the power and portability in a rechargeable option. The P5R.2 comes with our one-of-a-kind, Floating Charge System™ for wall-mounted or on-the-go charge. The Advanced Focus System (AFS) is the patented combination of a reflector AND lens to create a light system that provides both a focused beam for long-distance and a homogeneous spill-beam for up-close reading. 5 year warranty.

Length	Rechargeable Battery	Recharge Time	Unit	Stock #	PRICE
4.6"	1 X 1CR14500	2hr 30min	EA	660-4001	$99.85

E-Flood® LiteBox® Power Failure System

STREAMLIGHT

When the lights go out, LiteBox comes on. Portable, powerful, industrial-duty, rechargeable lantern with swiveling head. Includes 120V AC/DC charge cords and mounting rack. Rechargeable up to 500 times. Six C4® LEDs and 6 wide pattern parabolic reflectors produce a smooth flood pattern. Two light level selections. Weather resistant. High impact housing with rubberized impact bumper, lens ring, and cushioned-grip handle. Beige. Red and green LED lights show charge status.

Dimensions	Unit	Stock #	PRICE
11.5"L x 5.1"W x 7"H.	EA	248-2350	$266.39

Looking for light fixtures?

Check out our extensive selection beginning on page 244.

Prices subject to change.

Why Business Model Radios are the Right Choice for Food Processing Plants

MOTOROLA   **TITANRADIO**

While consumer FRS/GMRS models are inexpensive, the cost to use is 2-3 times more than business models over time. Why? Business models are more durable, built for everyday use, and will last for years. FRS/GMRS models are designed for occasional family recreational activities such as biking, camping, etc. and not warranted for commercial use. Batteries and units need to be replaced often, dramatically increasing total cost of ownership. With our industrial radios, you can be assured of secure conversations throughout the plant. If you use other units such as inexpensive FRS/GMRS models, anyone can eavesdrop or interfere with important company communications! Like business models, FRS/GMRS require a FCC license. They are restricted to family use only, and are not legal for other applications. Violators are subject to fines.

RDX Series Business Radios

MOTOROLA

2 Watt Models

These radios are rugged and durable. Professional channels prevent eavesdropping and interference from inexpensive FRS/GMRS models. #509-2050 displays battery life, and can be customized to show name of user and channels. Covers up to 250,000 sq. ft. Includes Li-Ion battery, charger, and belt clip. 4.5"H. 8.6 oz.

4 Watt Models

Theres high power radios provide maximum coverage. Professional channels prevent eavesdropping and interference from inexpensive FRS/GMRS models. #509-2030 displays battery life, can be customized to show name of user and channels, and is programmable to work with repeaters and base stations. Covers up to 300,000 sq. ft. Includes Li-Ion battery, charger and belt clip. 4.5"H. 10.3 oz.

Model No.	Description	Range	Unit	Stock #	PRICE
2 Watt Units					
RMU2040	UHF 4-Channel	250,000 sq ft	KT	509-2040	$231.34
RMU2080	UHF 8-Channel w/ NOAA Weather Radio w/ Alerts	250,000 sq ft	KT	509-2045	$271.57
RMU2080D	UHF 8-Channel w/ display and NOAA Weather Radio w/ Alerts	250,000 sq ft	KT	509-2050	$284.50
RMV2080	UHF 8-Channel w/ NOAA Weather Radio	180,000 sq ft	KT	509-2056	$225.59
4 Watt Units					
RDU4100	UHF 10-Channel	300,000 sq ft	KT	509-2025	$304.52
RDU4160d	UHF 16-Channel w/ display	300,000 sq ft	KT	509-2030	$326.77
Accessories					
HKKN4027	Programming Cable		EA	509-6005	$36.95
RLN6351A	Standard Li-Ion Replacement Battery for 2 watt units		EA	509-6001	$62.08
RLN6308A	Ultra Hi Capacity replacement Battery for 4 watt units, 18.5 hours		EA	509-6007	$91.64
RLN6304A	Rapid Desktop Charger (1.5 - 3.5 hours)		EA	509-6003	$57.65
RLN6309A	6-Unit Charger and Cloner		EA	509-6004	$220.23
MR8461-2AP	Leather Swivel Holster		EA	509-6006	$29.56

CLS Series Business Radios

The CLS radios are compact and lightweight. Professional channels prevent eavesdropping and interference from inexpensive FRS/GMRS models. LCD display shows battery life and channel. Covers up to 200,000 sq. ft. Includes Li-Ion battery, charger, swivel holster. 2"W x 1"D x 4.1"H.

Model No.	Description	Unit	Stock #	PRICE
1 Watt Units				
CLS1110	1 Watt, 1-Channel, UHF	KT	509-2105	$184.94
CLS1410	1 Watt, 4-Channel, UHF	KT	509-2110	$205.79
Accessories				
PMNN4497	Li-Ion Replacement Battery	EA	509-6310	$36.96
56531	6-Unit Charger	EA	509-6102	$161.11
56519	Soft Leather Carrying Case	EA	509-6103	$26.60
HCLN4013	Plastic swivel holster w/ belt clip	EA	509-6104	$17.74

MOTOROLA

Call Customer Service at 800-826-8302

RADIOS

Audio Accessories for Business Walkie-Talkies

Keep your hands free and ensure your communications are heard with convenient audio accessories. Great for noisy surroundings or wherever you need privacy. Listen and talk back without removing the radio from your belt or holster. A variety of models available, including a Temple Headset, which is ideal for areas where hearing protection is required. Other headsets and mic models are available.

Model No.	Description	Unit	Stock #	PRICE
HKLN4606	External Speaker with Push-to-Talk Mic	EA	509-6301	$51.74
HKLN4604	Swivel Earpiece & Push-to-Talk Mic	EA	509-6307	$36.96
RMN5114	Temple Headset	EA	509-6309	$81.30

16 Channel Two-Way Radio

Keep up with communication at your facility with these different 16 channel two-way radios from Titan Radio. Durable heavy-duty design that is rugged, lightweight and economical. End-user programmable with 2 different buttons. Repeater capable. 2 year standard warranty through Titan Radio. These radios come standard with; Li-ion battery, base charger, antenna, carrying strap, and belt clip. Headsets, earpieces, microphones and other accessories available, sold separately.

TR400 Radio & Accessories

Mfg Part #	Unit	Stock #	PRICE
TR400 Radio			
TR400	KT	509-2250	$179.63
D-Shell Ear Piece			
TR4DS	EA	509-2260	$34.61
Swivel D-Hook Ear Piece			
TR4SWVL	EA	509-2270	$34.61
Compact Speaker Microphone			
TR4SM	EA	509-2261	$42.85
2-Wire Surveillance Kit			
TR4SK	KT	509-2267	$44.50
Replacement Desk Charger			
TR4CB	EA	509-2263	$24.72
6-Unit Bank Charger			
TR46MUC	EA	509-2264	$370.80
Li-Ion Battery			
TR4LB	EA	509-2265	$47.79
Belt-Clip			
TR4BC	EA	509-2266	$9.06
Replacement Antenna			
TR4ANTU	EA	509-2268	$18.13

TRX4 Radio & Accessories

Mfg Part #	Unit	Stock #	PRICE
TRX4 Radio			
TR4X	EA	509-2269	$311.47
D-Shell Ear Piece			
TR4DS	EA	509-2260	$34.61
Swivel D-Hook Ear Piece			
TR4SWVL	EA	509-2270	$34.61
Compact Speaker Microphone			
TR4SM	EA	509-2261	$42.85
2-Wire Surveillance Kit			
TR4SK	KT	509-2267	$44.50
Replacement Desk Charger			
TR4XCB	EA	509-2275	$47.79
6-Unit Bank Charger			
TR4X6MUC	EA	509-2276	$535.60
Li-Ion Battery			
TR4XLB	EA	509-2272	$47.79
TR4XLBHC	EA	509-2273	$72.51
Belt-Clip			
TR4XBC	EA	509-2271	$9.06
Replacement Antenna			
TR4XANT	EA	509-2274	$18.13

Prices subject to change.

Safety Mirrors

Improve safety by placing these safety mirrors throughout your facility and warehouses. Blind spots, warehouse intersections, loading docks, and parking areas. Acrylic mirrors are heavy-duty and break resistant. All include mounting hardware. Made from acrylic material with black vinyl bumper edges for strength and protection, for indoor use only.

Half Dome Safety Mirrors

Size	Unit	Stock #	PRICE
18″	EA	190-2020	$33.82
24″	EA	190-2005	$39.32
33″	EA	190-2006	$63.12
48″	EA	190-2007	$181.41

Quarter Dome Safety Mirrors

Size	Unit	Stock #	PRICE
18″	EA	190-2008	$42.90
33″	EA	190-2015	$23.51

Round Convex Safety Mirrors

Size	Unit	Stock #	PRICE
18″	EA	190-2010	$47.94

Wheel Chock

Provide maximum gripping power to prevent wheel slippage accidents with these industrial strength, solid molded rubber wheel chocks. #658-2001 has a traditional eyebolt for chain connection and #658-2000 has a handle for easy pickup and placement. Both meet OSHA requirements and are resistant to sun, moisture, salt, and oil.

Description	Unit	Stock #	PRICE
Wheel Chock w/Eyebolt	EA	659-2001	$28.08
Wheel Chock w/Handle	EA	659-2000	$29.47

Drivers Chock Both Wheels Sign

ACCUFORM. INFORM, PROTECT, & MOTIVATE

DRIVERS CHOCK BOTH WHEELS

Material	Unit	Stock #	PRICE
10″ x 14″, Blue/White			
Plastic	EA	080-2060	$13.53
Adhesive Dura-Vinyl™	EA	080-2061	$14.33
Aluminum	EA	080-2062	$21.51

Drivers Must Chock Wheels and Set Brakes Before Loading or Unloading Sign

TRUCK DRIVERS MUST CHOCK WHEELS AND SET BRAKES BEFORE LOADING OR UNLOADING

Material	Unit	Stock #	PRICE
10″ x 14″, Black/White			
Plastic	EA	080-2066	$13.53
Adhesive Dura-Vinyl™	EA	080-2064	$14.33
Aluminum	EA	080-2065	$21.51

Call Customer Service at 800-826-8302

PLANT SECURITY & SAFETY

Bumper Post Sleeve

Bumper Post Sleeves make old bollard posts look like new without painting and scraping! High-visibility yellow HDPE construction with UV inhibitors resist fading, rusting or cracking. Eliminates annual maintenance while helping to protect vehicles and the post from impact damage. Unique vertical ribs provide extra impact protection while allowing for easy slide-on installation. Sleeves are available in 7 colors, 3 diameters, and lengths up to 72" and can be trimmed for an exact fit.

Description	Unit	Stock #	PRICE
4" x 56" yellow	EA	192-7215	$61.54

3M™ Safety-Walk™ Slip Resistant General Purpose Treads 600 Series

The diamond-hard mineral top surface has an adhesive backing. It goes on like tape to a non-porous clean, dry surface (for porous surfaces, use Safety-Walk primer). Apply in heavy-traffic areas, ramps, loading docks, or steps. Great for flat surfaces of tank trucks. Available in individual treads or rolls. Black. Conformable Safety-Walk for uneven or curved surfaces also available.

Description	Pkg	Unit	Stock #	PRICE
Treads				
6" x 24"	50/ca	CA	456-2102	$311.75
5½" x 5½"	50/ca	CA	456-2104	$73.18
Rolls				
2" x 60'	2 rl/ca	CA	456-2105	$119.89
4" x 60'	1 rl	RL	456-2106	$119.89
6" x 60'	1 rl	RL	456-2107	$174.42

3M™ Safety-Walk™ Installation Accessories

For proper installation use these Safety-Walk accessories recommended for food plants.

- Rubber hand roller insures proper installation and maximum adhesion through uniform pressure.
- Edge sealer keeps edges of the Safety-Walk from curling. It also protects exposed edges from excessive moisture and liquids. 5-oz tube. 12 tubes/case.
- Primer adhesive is used for priming porous surfaces prior to applying Safety-Walk, and for all applications exposed for extended periods to water, grease, or oil. 1-quart can. 12 cans/case.

Mfg Part #	Description	Unit	Stock #	PRICE
19341	Rubber hand roller	EA	456-2125	$21.30
19340	Edge sealer	TB	456-2113	$10.98
19339	Primer adhesive	QT	456-2115	$32.92

Rubbermaid® "Caution" Floor Signs

These attention-getting signs won't rust, chip, peel, fade, or dent. Yellow with black lettering. Reads "Caution" in English, French, German, and Spanish. #440-7040 has message imprinted in English only. 6/case.

Mfg Part#	Description	Height When Open	Unit	Stock #	PRICE
6112	"Caution" floor sign, 2-sided	25"	EA	440-2741	$17.64
6114	"Caution" floor sign, 4-sided	37"	EA	440-2742	$44.60
6112-77	"Caution Wet Floor", 2-sided	25"	EA	440-7040	$17.64

Economy Wet Floor Signs

Two-sided sign made of economical polypropylene. Specially contoured feet minimize contact with floor and floor finishes. Reads "Caution Wet Floor" in English, Spanish, and German. 25"H x 11"W. Yellow.

Unit	Stock #	PRICE
EA	618-6145	$12.78

Traffic Cone

Bright traffic cones provide maximum visibility under all conditions - indoors and outdoors. Clearly outline hazardous areas to drivers and pedestrians. Place them in and around the plant and facility, as well as roadways. Conical design with square base makes them resistant to tipping. Durable, flexible, and resilient - springs back into shape after impact and being run over. Molded of PVC (Poly-Vinyl-Chloride) plastic with UV stabilizers for maximum resistance to fading. Cones are stackable for transport and storage. Red/Orange.

Height	Unit	Stock #	PRICE
28"	EA	083-2673	$26.88

Prices subject to change.

Custom Store-Boards™ Shadow Boards

Upgrade your SQF, 5S & Lean Manufacturing Initiatives and organize your tools with Store-Boards.

- Organize your tools, supplies, equipment, and materials.
- Provide striking, graphical visual point-of-storage for the tools.
- Shadow outlines with words identify where tools should be when not in use.
- Show readily available tools to maintain machinery, equipment, and operations.
- Account for missing tools and equipment, avoid time wasted looking for and replacing them, and ensure availability when needed next time.

HOW TO ORDER   Custom Shadow Boards

1 **Choose BOARD MATERIAL:**
Accu-shield™ FB-X
Accu-shield™
Ultra Aluma-Lite™
Max-Duty Aluminum
Diamond AluminumLight Aluminum

2 **Identify Equipment to be Shadowed:**
List by manufacturer part number or supply dimensions of items.

3 **Choose Background and Shadow Colors**

4 **Choose HANGING DEVICES:**
Pegs
Hooks
Shelves

5 **Specify board size to accommodate the equipment and fit the space**

6 **Consider adding your color-coding chart or other images by supplying a vector file (.EPS or .AI)***

7 **Consider adding your company name or logo by supplying a vector file (.EPS or .AI)***

A .JPEG file can be used if doesn't need enlargement.

TO ORDER : Call Customer Service 800-826-8302

Note: Custom products are made to YOUR specifications; therefore orders cannot be cancelled and are not returnable unless defective.

Call Nelson-Jameson's Technical Sales Specialists for help with 5S/Lean Workplace Organization

Call Customer Service at 800-826-8302

FLOOR TAPES & MARKING

Floor Marking Shapes

Heavy-duty two-ply, 34-mil thick marking shape withstands scuffs, marks, rips, and shreds in high traffic floor areas. Use to mark pathways and locations of equipment and machinery - reducing the maintenance needed to replace standard marking tapes or the downtime to paint.

ACCUFORM.
INFORM, PROTECT, & MOTIVATE

Square Floor Marking Corners

Color	Unit	Stock #	PRICE
6" x 2"			
White	EA	080-1119	$1.96
Red	EA	080-1115	$1.96
Yellow	EA	080-1114	$1.96
Blue	EA	080-1118	$1.96
Green	EA	080-1117	$1.96
Black	EA	080-1120	$1.96
Orange	EA	080-1116	$1.96
6" x 3"			
White	EA	080-1126	$1.96
Red	EA	080-1122	$1.96
Yellow	EA	080-1121	$1.96
Blue	EA	080-1125	$1.96
Green	EA	080-1124	$1.96
Black	EA	080-1127	$1.96
Orange	EA	080-1123	$1.96

Rounded Floor Marking Corners

Color	Unit	Stock #	PRICE
6" x 2"			
White	EA	080-1105	$1.96
Red	EA	080-1101	$1.96
Yellow	EA	080-1100	$1.96
Blue	EA	080-1104	$1.96
Green	EA	080-1103	$1.96
Black	EA	080-1106	$1.96
Orange	EA	080-1102	$1.96
6" x 3"			
White	EA	080-1112	$1.96
Red	EA	080-1108	$1.96
Yellow	EA	080-1107	$1.96
Blue	EA	080-1111	$1.96
Green	EA	080-1110	$1.96
Black	EA	080-1113	$1.96
Orange	EA	080-1109	$1.96

Floor Marking Circles

Color	Unit	Stock #	PRICE
3-1/2" Diameter			
White	EA	080-1196	$1.51
Red	EA	080-1192	$1.51
Yellow	EA	080-1191	$1.51
Blue	EA	080-1195	$1.51
Green	EA	080-1194	$1.51
Black	EA	080-1197	$1.51
Orange	EA	080-1193	$1.51

Floor Marking Footprints

Color	Unit	Stock #	PRICE
9-1/2" x 3-1/2"			
White	EA	080-1203	$5.51
Red	EA	080-1199	$5.51
Yellow	EA	080-1198	$5.51
Blue	EA	080-1202	$5.51
Green	EA	080-1201	$5.51
Black	EA	080-1204	$5.51
Orange	EA	080-1200	$5.51

Floor Marking Quad Corners

Color	Unit	Stock #	PRICE
6" x 6" x 2"			
White	EA	080-1161	$1.96
Red	EA	080-1157	$1.96
Yellow	EA	080-1156	$1.96
Blue	EA	080-1160	$1.96
Green	EA	080-1159	$1.96
Black	EA	080-1162	$1.96
Orange	EA	080-1158	$1.96

Prices subject to change.

Floor Marking Squares

Color	Unit	Stock #	PRICE
2" x 2"			
White	EA	080-1175	$0.79
Red	EA	080-1171	$0.79
Yellow	EA	080-1170	$0.79
Blue	EA	080-1174	$0.79
Green	EA	080-1173	$0.79
Black	EA	080-1176	$0.79
Orange	EA	080-1172	$0.79
3" x 3"			
White	EA	080-1182	$1.03
Red	EA	080-1178	$1.03
Yellow	EA	080-1177	$1.03
Blue	EA	080-1181	$1.03
Green	EA	080-1180	$1.03
Black	EA	080-1183	$1.03
Orange	EA	080-1179	$1.03
4" x 4"			
White	EA	080-1189	$1.51
Red	EA	080-1185	$1.51
Yellow	EA	080-1184	$1.51
Blue	EA	080-1188	$1.51
Green	EA	080-1187	$1.51
Black	EA	080-1190	$1.51
Orange	EA	080-1186	$1.51

Rounded Corner Floor Marking T

Color	Unit	Stock #	PRICE
6" x 6" x 3"			
White	EA	080-1133	$1.96
Red	EA	080-1129	$1.96
Yellow	EA	080-1128	$1.96
Blue	EA	080-1132	$1.96
Green	EA	080-1131	$1.96
Black	EA	080-1134	$1.96
Orange	EA	080-1130	$1.96
8" x 6" x 2"			
White	EA	080-1140	$1.96
Red	EA	080-1136	$1.96
Yellow	EA	080-1135	$1.96
Blue	EA	080-1139	$1.96
Green	EA	080-1138	$1.96
Black	EA	080-1141	$1.96
Orange	EA	080-1137	$1.96

Square Corner Floor Marking T

Color	Unit	Stock #	PRICE
6" x 6" x 3"			
White	EA	080-1147	$1.96
Red	EA	080-1143	$1.96
Yellow	EA	080-1142	$1.96
Blue	EA	080-1146	$1.96
Green	EA	080-1145	$1.96
Black	EA	080-1148	$1.96
Orange	EA	080-1144	$1.96
8" x 6" x 2"			
White	EA	080-1154	$1.96
Red	EA	080-1150	$1.96
Yellow	EA	080-1149	$1.96
Blue	EA	080-1153	$1.96
Green	EA	080-1152	$1.96
Black	EA	080-1155	$1.96
Orange	EA	080-1151	$1.96

Floor Marking Arrows

Color	Unit	Stock #	PRICE
12" x 4"			
White	EA	080-1168	$3.07
Red	EA	080-1164	$3.07
Yellow	EA	080-1163	$3.07
Blue	EA	080-1167	$3.07
Green	EA	080-1166	$3.07
Black	EA	080-1169	$3.07
Orange	EA	080-1165	$3.07

Custom signs and labels are available.

Just call our Customer Service Department for details.

Call Customer Service at 800-826-8302

FLOOR TAPES & MARKING

Floor Stripe™ High Performance Marking Tape

Outperforms standard floor marking tapes. This heavy-duty composite tape creates a high gloss that resists marks and smudges and cleans up like new. The surface is water and chemical resistant which makes the cleaning fast and easy. Long-lasting and ideal for marking aisles, pathways, work areas, hazard areas and storage locations, plus outlining machinery and placement of portable equipment. For optimal performance, apply to clean, flat, non-coated concrete surfaces. Printed 2-mil polyester tape has 2-mil gloss over-laminate. Acrylic adhesive backing provides high tack and bonds to a variety of smooth and rough surfaces. Minimum application temperature: 50°F. Temperature range: -40 to 302°F.

Color	Unit	Stock #	PRICE
2″ x 100′ Roll			
White	RL	083-7518	$40.24
Red	RL	083-7514	$40.24
Yellow	RL	083-7515	$40.24
Blue	RL	083-7519	$40.24
Green	RL	083-7516	$40.24
Black	RL	083-7520	$40.24
Orange	RL	083-7517	$40.24
3″ x 100′ Roll			
White	RL	083-2336	$58.71
Red	RL	083-2335	$58.71
Yellow	RL	083-2330	$58.71
Blue	RL	083-2331	$58.71
Green	RL	083-2333	$58.71
Black	RL	083-2332	$58.71
Orange	RL	083-2334	$58.71

Floor Stripe™ High Performance Marking Tape

Identify and call attention to hazards throughout your facility. Printed 2-mil polyester tape has 2-mil gloss over-laminate. Acrylic adhesive backing provides high tack and bond to a variety of smooth and rough surfaces.

Color	Unit	Stock #	PRICE
3″ x 50′ Roll			
Black/Yellow Stripes	RL	083-7937	$33.75

Color-Coded Marking Tape

Durable 6-mil vinyl tape is perfect for making tools and specific areas for color-coding requirements. Permanent adhesive back applies to clean dry surfaces like walls, floors, tools, piping and equipment. Tape is waterproof and wear-resistant with some chemical resistance.

Color	Unit	Stock #	PRICE
2″W x 108″L Roll			
White	RL	083-2317	$11.93
Red	RL	083-2314	$11.93
Yellow	RL	083-2312	$11.93
Blue	RL	083-2313	$11.93
Green	RL	083-2315	$11.93
Black	RL	083-2319	$11.93
Orange	RL	083-2316	$11.93
Purple	RL	083-2302	$11.93

Barricade Tape

Also known as perimeter tape and barrier tape, high-visibility barricade tapes are a quick, temporary, and effective way to surround or section-off hazard areas, danger zones, and construction sites.

Description	Color	Size	Stock #	PRICE
Caution Tape	Black/Yellow	3″ x 1000′	083-7617	$25.68
Danger Tape	Black/Red	3″ x 1000′	080-1080	$25.68

PPE-ID™ Chart Safety Poster Kit

Help employees, contractors, and visitors understand personal protective equipment (PPE) requirements in and around your facility. This changeable PPE-ID Chart includes photographic images of today's standard protective equipment within six key categories. These images combine with a colorful chart to help the viewer instantly recognize required PPE. If PPE requirements change within the identified area, each card insert can be removed and replaced as needed - there's no need to order a new chart. Kit includes: PPE-ID Chart and 56 PPE card inserts with suction cup.

Size	Material	Unit	Stock #	PRICE
24″ x 18″ x 1/8″	Plastic	KT	080-1079	$111.19

Prices subject to change.

Color-Coded Signs

Mark your own color-coded areas with eleven individually colored signs. Use a permanent marking pen to customize the wording on these signs to match your plant requirements. High-visibility signs clearly indicate that color-coding systems are in place. 7" x 10". Fiberglass.

Color	Unit	Stock #	PRICE
White	EA	083-2022	$10.88
Red	EA	083-2021	$10.88
Yellow	EA	083-2023	$10.88
Blue	EA	083-2025	$10.88
Green	EA	083-2024	$10.88
Brown	EA	083-2027	$10.88
Tan	EA	083-2026	$10.88
Black	EA	083-2028	$10.88
Orange	EA	083-2031	$10.88
Pink	EA	083-2019	$10.88
Purple	EA	083-2032	$10.88

Tri-Zone Color-Coded Brush Sign

Whatever your system for color-coding, our custom signs can make identification easier. The original Tri-Zone color-coded brush program sign identifies the white (pasteurized product), red (raw product), yellow (clean up), and black (floor drain only) work zones.

Material	Unit	Stock #	PRICE
7" x 10", Yellow/Red/Black/White			
Fiberglass	EA	083-2003	$13.48

Accuform Safety Signs

Alert employees to hazardous situations, safe work practices, and important information with these safety signs from Accuform. Designed to meet OSHA requirements, these signs are available in a variety of sizes and materials to ensure your message is conveyed clearly and effectively.

Choosing the right sign material is an important decision. To provide a solution for your needs, we offer a variety of materials to meet your application and environmental demand.

- Plastic combines standard, reliable performance with 50% recycled content to create a dependable, Earth-friendly material solution. Select this material when your signs are going to be installed inside, or in a protected outdoor environment.
- Adhesive Dura-Vinyl™ is a dual layered vinyl that outperforms standard vinyl. It is flexible, 6-mil thick poly composite with UV protective coating and a permanent acrylic adhesive back with peel-off liner. Select this material when you need a self-stick sign or label for indoor or outdoor applications.
- Aluminum withstands washdowns, harsh elements, abusive conditions, and features good chemical, abrasion, and impact resistance. Excellent for indoor and outdoor usage, making it ideal for a wide variety of industrial-strength applications.
- Engineered Grade Reflective Aluminum adds a retroreflective sheet surface to a durable .040" aluminum sign. Surface reflects light to improve daytime visibility and provide ideal low-light or nighttime visibility. Use inside or outside.

Additional materials available - contact our Safety Sign Specialists for details.

Danger: Do Not Enter Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2352	$9.06
Adhesive Dura-Vinyl™	EA	080-2356	$9.57
Aluminum	EA	080-2354	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2353	$13.53
Adhesive Dura-Vinyl™	EA	080-2357	$14.33
Aluminum	EA	080-2355	$21.51

Danger: Do Not Enter Authorized Personnel Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2358	$9.06
Adhesive Dura-Vinyl™	EA	080-2362	$9.57
Aluminum	EA	080-2360	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2359	$13.53
Adhesive Dura-Vinyl™	EA	080-2363	$14.33
Aluminum	EA	080-2361	$21.51

Call Customer Service at 800-826-8302

ADMITTANCE & EXIT SIGNS

Danger: No Trespassing Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2387	$9.06
Adhesive Dura-Vinyl™	EA	080-2391	$9.57
Aluminum	EA	080-2389	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2388	$13.53
Adhesive Dura-Vinyl™	EA	080-2392	$14.33
Aluminum	EA	080-2390	$21.51

Notice: All Visitors Must Register at Office Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2370	$9.06
Adhesive Dura-Vinyl™	EA	080-2374	$9.57
Aluminum	EA	080-2372	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2371	$13.53
Adhesive Dura-Vinyl™	EA	080-2375	$14.33
Aluminum	EA	080-2373	$21.51

Notice: This Area is Under 24 Hour Video Surveillance Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2411	$9.06
Adhesive Dura-Vinyl™	EA	080-2415	$9.57
Aluminum	EA	080-2413	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2412	$13.53
Adhesive Dura-Vinyl™	EA	080-2416	$14.33
Aluminum	EA	080-2414	$21.51

Notice: Restricted Area Authorized Personnel Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2381	$9.06
Adhesive Dura-Vinyl™	EA	080-2385	$9.57
Aluminum	EA	080-2383	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2382	$13.53
Adhesive Dura-Vinyl™	EA	080-2386	$14.33
Aluminum	EA	080-2384	$21.51

Notice: Authorized Personnel Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2376	$9.06
Adhesive Dura-Vinyl™	EA	083-7614	$9.57
Aluminum	EA	080-2378	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2377	$13.53
Adhesive Dura-Vinyl™	EA	080-2380	$14.33
Aluminum	EA	080-2379	$21.51

Notice: No Admittance Employees Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2723	$9.06
Adhesive Dura-Vinyl™	EA	083-7676	$9.57
Aluminum	EA	080-2724	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2726	$13.53
Adhesive Dura-Vinyl™	EA	083-7367	$14.33
Aluminum	EA	080-2725	$21.51

Notice: Employees Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2719	$9.06
Adhesive Dura-Vinyl™	EA	083-2510	$9.57
Aluminum	EA	080-2720	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2722	$13.53
Adhesive Dura-Vinyl™	EA	083-2513	$14.33
Aluminum	EA	080-2721	$21.51

Notice: Keep This Door Closed Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	083-7212	$9.06
Adhesive Dura-Vinyl™	EA	083-2515	$9.57
Aluminum	EA	080-2646	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	083-2516	$13.53
Adhesive Dura-Vinyl™	EA	080-2647	$14.33
Aluminum	EA	080-2648	$21.51

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Prices subject to change.

Caution: Open Door Slowly Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2405	$9.06
Adhesive Dura-Vinyl™	EA	080-2409	$9.57
Aluminum	EA	080-2407	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2406	$13.53
Adhesive Dura-Vinyl™	EA	080-2410	$14.33
Aluminum	EA	080-2408	$21.51

Warning: Do Not Enter Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Orange			
Plastic	EA	083-7935	$9.06
Adhesive Dura-Vinyl™	EA	080-2652	$9.57
Aluminum	EA	080-2651	$12.95
10" x 14", Black/Orange			
Plastic	EA	080-2649	$13.53
Adhesive Dura-Vinyl™	EA	080-2653	$14.33
Aluminum	EA	080-2650	$21.51

Warning: Authorized Personnel Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Orange			
Plastic	EA	080-2393	$9.06
Adhesive Dura-Vinyl™	EA	080-2397	$9.57
Aluminum	EA	080-2395	$12.95
10" x 14", Black/Orange			
Plastic	EA	080-2394	$13.53
Adhesive Dura-Vinyl™	EA	080-2398	$14.33
Aluminum	EA	080-2396	$21.51

Warning: No Trespassing Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Orange			
Plastic	EA	080-2399	$9.06
Adhesive Dura-Vinyl™	EA	080-2403	$9.57
Aluminum	EA	080-2401	$12.95
10" x 14", Black/Orange			
Plastic	EA	080-2400	$13.53
Adhesive Dura-Vinyl™	EA	080-2404	$14.33
Aluminum	EA	080-2402	$21.51

Restricted Area: Unauthorized Persons Keep Out Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2602	$9.06
Adhesive Dura-Vinyl™	EA	080-2603	$9.57
Aluminum	EA	080-2601	$12.95
10" x 14", Red/Black/White			
Plastic	EA	083-2518	$13.53
Adhesive Dura-Vinyl™	EA	083-2590	$14.33
Aluminum	EA	080-2604	$21.51

Restricted Area: No Admittance Without Authorization Sign

Material	Unit	Stock #	PRICE
10" x 14", Red/Black/White			
Plastic	EA	083-2571	$13.53
Adhesive Dura-Vinyl™	EA	080-2669	$14.33
Aluminum	EA	083-2576	$21.51

Restricted Area Authorized Personnel Only Sign

Material	Unit	Stock #	PRICE
7" x 14", White/Red			
Plastic	EA	080-2351	$13.53
Adhesive Dura-Vinyl™	EA	083-2033	$14.33
Aluminum	EA	080-2350	$21.51

Exit Sign

Material	Unit	Stock #	PRICE
7" x 10", White/Red			
Plastic	EA	080-2660	$9.06
Adhesive Dura-Vinyl™	EA	083-2186	$9.57
Aluminum	EA	080-2659	$12.95
10" x 14", White/Red			
Plastic	EA	080-2662	$13.53
Adhesive Dura-Vinyl™	EA	080-2663	$14.33
Aluminum	EA	080-2661	$21.51

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ADMITTANCE & EXIT SIGNS | CHEMICAL & HAZARDOUS MATERIALS SIGNS

Exit Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/White			
Plastic	EA	080-2417	$9.06
Adhesive Dura-Vinyl™	EA	080-2421	$9.57
Aluminum	EA	080-2419	$12.95
10" x 14", Red/White			
Plastic	EA	080-2418	$13.53
Adhesive Dura-Vinyl™	EA	080-2422	$14.33
Aluminum	EA	080-2420	$21.51
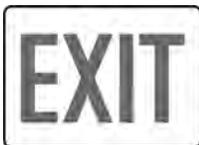
Danger: Acetylene Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2094	$9.06
Adhesive Dura-Vinyl™	EA	080-2096	$9.57
Aluminum	EA	080-2095	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2097	$13.53
Adhesive Dura-Vinyl™	EA	080-2099	$14.33
Aluminum	EA	080-2098	$21.51

No Exit Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/White			
Plastic	EA	080-2711	$9.06
Adhesive Dura-Vinyl™	EA	083-2560	$9.57
Aluminum	EA	080-2710	$12.95
10" x 14", Red/White			
Plastic	EA	080-2748	$13.53
Adhesive Dura-Vinyl™	EA	080-2713	$14.33
Aluminum	EA	080-2712	$21.51

Danger: Acid Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2068	$9.06
Adhesive Dura-Vinyl™	EA	083-2655	$9.57
Aluminum	EA	080-2067	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2069	$13.53
Adhesive Dura-Vinyl™	EA	080-2074	$14.33
Aluminum	EA	080-2073	$21.51

Not An Exit Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/White			
Plastic	EA	080-2423	$9.06
Adhesive Dura-Vinyl™	EA	080-2427	$9.57
Aluminum	EA	080-2425	$12.95
10" x 14", Red/White			
Plastic	EA	080-2424	$13.53
Adhesive Dura-Vinyl™	EA	080-2428	$14.33
Aluminum	EA	080-2426	$21.51

Danger: Caustic Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2076	$9.06
Adhesive Dura-Vinyl™	EA	083-2660	$9.57
Aluminum	EA	080-2075	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2077	$13.53
Adhesive Dura-Vinyl™	EA	080-2079	$14.33
Aluminum	EA	080-2078	$21.51

Notice: No Concealed Weapons Allowed On This Property Sign

Material	Unit	Stock #	PRICE
7" x 5", Blue/Red/Black/White			
Plastic	EA	080-2343	$6.82
Adhesive Dura-Vinyl™	EA	080-2100	$7.17
Aluminum	EA	080-2342	$8.26
10" x 7", Blue/Red/Black/White			
Plastic	EA	080-2344	$9.06
Adhesive Dura-Vinyl™	EA	080-2346	$9.57
Aluminum	EA	080-2345	$12.95
14" x 10", Blue/Red/Black/White			
Plastic	EA	080-2347	$13.53
Adhesive Dura-Vinyl™	EA	080-2349	$14.33
Aluminum	EA	080-2348	$21.51

Danger: Diesel Fuel Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2300	$9.06
Adhesive Dura-Vinyl™	EA	080-2302	$9.57
Aluminum	EA	080-2301	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2303	$13.53
Adhesive Dura-Vinyl™	EA	080-2305	$14.33
Aluminum	EA	080-2304	$21.51

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CHEMICAL & HAZARDOUS MATERIALS SIGNS

Danger: Flammable Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2306	$9.06
Adhesive Dura-Vinyl™	EA	080-2308	$9.57
Aluminum	EA	080-2307	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2309	$13.53
Adhesive Dura-Vinyl™	EA	080-2311	$14.33
Aluminum	EA	080-2310	$21.51

Danger: Propane Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2330	$9.06
Adhesive Dura-Vinyl™	EA	080-2332	$9.57
Aluminum	EA	080-2331	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2333	$13.53
Adhesive Dura-Vinyl™	EA	080-2335	$14.33
Aluminum	EA	080-2334	$21.51

Danger: Flammable Liquids Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2312	$9.06
Adhesive Dura-Vinyl™	EA	080-2314	$9.57
Aluminum	EA	080-2313	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2315	$13.53
Adhesive Dura-Vinyl™	EA	080-2317	$12.46
Aluminum	EA	080-2316	$21.51

Danger: Sulfuric Acid Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2085	$9.06
Adhesive Dura-Vinyl™	EA	083-2695	$9.57
Aluminum	EA	080-2084	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2086	$13.53
Adhesive Dura-Vinyl™	EA	080-2088	$14.33
Aluminum	EA	080-2087	$21.51

Danger: Gasoline Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2318	$9.06
Adhesive Dura-Vinyl™	EA	080-2320	$9.57
Aluminum	EA	080-2319	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2321	$13.53
Adhesive Dura-Vinyl™	EA	080-2323	$14.33
Aluminum	EA	080-2322	$21.51

Notice: Keep All Cylinders Chained Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2336	$9.06
Adhesive Dura-Vinyl™	EA	080-2338	$9.57
Aluminum	EA	080-2337	$9.06
10" x 14", Blue/Black/White			
Plastic	EA	080-2339	$13.53
Adhesive Dura-Vinyl™	EA	080-2341	$14.33
Aluminum	EA	080-2340	$21.51

Danger: Oxygen Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2324	$9.06
Adhesive Dura-Vinyl™	EA	080-2326	$9.57
Aluminum	EA	080-2325	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2327	$13.53
Adhesive Dura-Vinyl™	EA	080-2329	$12.46
Aluminum	EA	080-2328	$21.51

CONFINED SPACE SIGNS

Danger: Confined Space Authorized Personnel Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2429	$9.06
Adhesive Dura-Vinyl™	EA	080-2433	$9.57
Aluminum	EA	080-2431	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2430	$13.53
Adhesive Dura-Vinyl™	EA	080-2434	$14.33
Aluminum	EA	080-2432	$21.51

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CONFINED SPACE SIGNS

ELECTRICAL SIGNS

Danger: Confined Space Enter by Permit Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2665	$9.06
Adhesive Dura-Vinyl™	EA	083-2672	$9.57
Aluminum	EA	080-2664	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2667	$13.53
Adhesive Dura-Vinyl™	EA	083-7657	$14.33
Aluminum	EA	080-2666	$21.51

Danger: Follow Confined Space Entry Procedure Before Entering Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2435	$9.06
Adhesive Dura-Vinyl™	EA	080-2104	$9.57
Aluminum	EA	080-2437	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2436	$13.53
Adhesive Dura-Vinyl™	EA	080-2439	$14.33
Aluminum	EA	080-2438	$21.51

Danger: Permit Required Confined Space Do Not Enter Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2090	$9.06
Adhesive Dura-Vinyl™	EA	083-2818	$9.57
Aluminum	EA	080-2089	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2091	$13.53
Adhesive Dura-Vinyl™	EA	080-2093	$14.33
Aluminum	EA	080-2092	$21.51

Danger: Non-Permit Confined Space Authorized Personnel Only Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2611	$9.06
Adhesive Dura-Vinyl™	EA	080-2612	$9.57
Aluminum	EA	080-2610	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2614	$13.53
Adhesive Dura-Vinyl™	EA	080-2613	$14.33
Aluminum	EA	080-2615	$21.51

Danger: High Voltage Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2440	$30.33
Adhesive Dura-Vinyl™	EA	080-2444	$9.57
Aluminum	EA	080-2442	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2441	$13.53
Adhesive Dura-Vinyl™	EA	080-2445	$14.33
Aluminum	EA	080-2443	$21.51

Danger: High Voltage Keep Out Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2446	$9.06
Adhesive Dura-Vinyl™	EA	080-2450	$9.57
Aluminum	EA	080-2448	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2447	$13.53
Adhesive Dura-Vinyl™	EA	080-2451	$14.33
Aluminum	EA	080-2449	$21.51

Danger: Use Lockout Before Working on Equipment Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2452	$9.06
Adhesive Dura-Vinyl™	EA	080-2454	$9.57
Aluminum	EA	080-2456	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2453	$13.53
Adhesive Dura-Vinyl™	EA	080-2455	$14.33
Aluminum	EA	080-2457	$21.51

Caution: Area in Front of This Electrical Panel Must be Kept Clean for 36 Inches Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2458	$9.06
Adhesive Dura-Vinyl™	EA	080-2462	$9.57
Aluminum	EA	080-2460	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2459	$9.06
Adhesive Dura-Vinyl™	EA	080-2463	$14.33
Aluminum	EA	080-2461	$21.51

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EQUIPMENT, MACHINERY & OPERATIONS SIGNS

FIRE & FIRST AID SIGNS

Danger: Construction Area Keep Out Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2464	$9.06
Adhesive Dura-Vinyl™	EA	080-2468	$9.57
Aluminum	EA	080-2466	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2465	$13.53
Adhesive Dura-Vinyl™	EA	080-2469	$14.33
Aluminum	EA	080-2467	$21.51

Fire Extinguisher Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/White			
Plastic	EA	080-2058	$9.06
Adhesive Dura-Vinyl™	EA	080-2056	$9.57
Aluminum	EA	080-2057	$12.95
10" x 14", Red/White			
Plastic	EA	083-7677	$13.53
Adhesive Dura-Vinyl™	EA	083-2055	$14.33
Aluminum	EA	083-7678	$21.51

Danger: Hot Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2470	$9.06
Adhesive Dura-Vinyl™	EA	080-2474	$9.57
Aluminum	EA	080-2472	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2471	$13.53
Adhesive Dura-Vinyl™	EA	080-2475	$14.33
Aluminum	EA	080-2473	$21.51

Fire Extinguisher Arrow Down Sign

Material	Unit	Stock #	PRICE
18" x 4", Red/White			
Dura-Plastic™	EA	080-1085	$15.91

Fire Extinguisher Sign

Material	Unit	Stock #	PRICE
3" x 10" Red/White			
Adhesive Dura-Vinyl™	EA	080-2143	$6.97

Danger: This Machine Starts & Stops Automatically Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2476	$9.06
Adhesive Dura-Vinyl™	EA	080-2478	$9.57
Aluminum	EA	080-2477	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2481	$13.53
Adhesive Dura-Vinyl™	EA	080-2479	$14.33
Aluminum	EA	080-2480	$21.51

First Aid Station Sign

Material	Unit	Stock #	PRICE
7" x 10", Green/Black/White			
Plastic	EA	080-2535	$9.06
Adhesive Dura-Vinyl™	EA	080-2537	$8.31
Aluminum	EA	080-2536	$12.95
10" x 14", Green/Black/White			
Plastic	EA	080-2538	$13.53
Adhesive Dura-Vinyl™	EA	080-2540	$12.46
Aluminum	EA	080-2539	$21.51

Caution: Do Not Operate Without Guards Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2482	$9.06
Adhesive Dura-Vinyl™	EA	080-2484	$9.57
Aluminum	EA	080-2483	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2485	$13.53
Adhesive Dura-Vinyl™	EA	080-2487	$14.33
Aluminum	EA	080-2486	$21.51

Eye Wash Sign

Material	Unit	Stock #	PRICE
7" x 10", Green/White			
Plastic	EA	080-2728	$9.06
Adhesive Dura-Vinyl™	EA	083-2705	$9.57
Aluminum	EA	080-2727	$12.95
10" x 14", Green/White			
Plastic	EA	080-2729	$13.53
Adhesive Dura-Vinyl™	EA	080-2731	$14.33
Aluminum	EA	080-2730	$21.51

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SAFETY INCENTIVE SIGNS

Notice: Wash Hands Before Returning to Work Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2656	$9.06
Adhesive Dura-Vinyl™	EA	083-7190	$9.57
Aluminum	EA	080-2657	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	083-7253	$13.53
Adhesive Dura-Vinyl™	EA	080-2655	$14.33
Aluminum	EA	083-7727	$21.51

Notice: Wash Your Hands Before Leaving This Room Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2636	$9.06
Adhesive Dura-Vinyl™	EA	083-2740	$9.57
Aluminum	EA	080-2637	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2635	$13.53
Adhesive Dura-Vinyl™	EA	080-2634	$14.33
Aluminum	EA	080-2638	$21.51

Notice: Hand Sanitizer Must Be Used To Ensure Product Safety Sign

Material	Unit	Stock #	PRICE
7" x 10" Blue/Black/White			
Adhesive Dura-Vinyl™	EA	083-2005	$8.11

Notice: Hand Dip Must be Used To Ensure Product Safety Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Fiberglass	EA	083-2001	$13.48

Notice: Use Footbath Sign

Material	Unit	Stock #	PRICE
7" x 10" Blue/Black/White			
Fiberglass	EA	083-2002	$13.48

Safety First: Report All Accidents No Matter How Small to Your Supervisor Sign

Material	Unit	Stock #	PRICE
7" x 10", Green/Black/White			
Plastic	EA	080-2547	$9.06
Adhesive Dura-Vinyl™	EA	080-2549	$8.31
Aluminum	EA	080-2548	$12.95
10" x 14", Green/Black/White			
Plastic	EA	080-2552	$13.53
Adhesive Dura-Vinyl™	EA	080-2550	$12.46
Aluminum	EA	080-2551	$21.51

Safety First: Safety Shower & Eyewash Station Sign

Material	Unit	Stock #	PRICE
7" x 10", Green/Black/White			
Plastic	EA	080-2594	$9.06
Adhesive Dura-Vinyl™	EA	083-7686	$9.57
Aluminum	EA	080-2593	$12.95
10" 14", Green/Black/White			
Plastic	EA	080-2596	$13.53
Adhesive Dura-Vinyl™	EA	080-2595	$14.33
Aluminum	EA	080-2597	$21.51

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Prices subject to change.

PERSONAL PROTECTIVE EQUIPMENT SIGNS

Danger: Hard Hat Area Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2488	$9.06
Adhesive Dura-Vinyl™	EA	080-2490	$9.57
Aluminum	EA	080-2489	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2514	$13.53
Adhesive Dura-Vinyl™	EA	080-2516	$12.46
Aluminum	EA	080-2515	$21.51

Danger: Hearing Protection Required In This Area Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	083-7002	$9.06
Adhesive Dura-Vinyl™	EA	080-2639	$9.57
Aluminum	EA	083-7001	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2642	$13.53
Adhesive Dura-Vinyl™	EA	080-2640	$14.33
Aluminum	EA	080-2641	$21.51

Danger: Hearing Protection Required Beyond This Point Sign

Material	Unit	Stock #	PRICE
10" x 14", Red/Black/White			
Plastic	EA	083-7939	$13.53
Adhesive Dura-Vinyl™	EA	080-2654	$14.33
Aluminum	EA	080-1072	$21.51

Caution: Hearing Protection Required Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2622	$9.06
Adhesive Dura-Vinyl™	EA	083-2793	$9.57
Aluminum	EA	080-2623	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2625	$13.53
Aluminum	EA	083-7729	$21.51
Adhesive Dura-Vinyl™	EA	080-2624	$12.46

Caution: Hearing Protection Must Be Worn In This Area Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2629	$9.06
Adhesive Dura-Vinyl™	EA	083-7009	$9.57
Aluminum	EA	080-2628	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2630	$13.53
Adhesive Dura-Vinyl™	EA	080-2626	$14.33
Aluminum	EA	080-2627	$21.51

Caution: Eye Protection Required Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2587	$9.06
Adhesive Dura-Vinyl™	EA	083-2815	$9.57
Aluminum	EA	080-2586	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2588	$13.53
Adhesive Dura-Vinyl™	EA	080-2590	$14.33
Aluminum	EA	080-2589	$21.51

Caution: Eye Protection Must Be Worn in This Area Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2523	$9.06
Adhesive Dura-Vinyl™	EA	080-2525	$8.31
Aluminum	EA	080-2524	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2526	$13.53
Adhesive Dura-Vinyl™	EA	080-2528	$12.46
Aluminum	EA	080-2527	$21.51

Caution: Safety Glasses Required in This Area Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2582	$9.06
Adhesive Dura-Vinyl™	EA	083-2235	$9.57
Aluminum	EA	080-2581	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2583	$13.53
Adhesive Dura-Vinyl™	EA	080-2585	$14.33
Aluminum	EA	080-2584	$21.51

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PERSONAL PROTECTIVE EQUIPMENT SIGNS

Caution: Ear & Eye Protection Required Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2517	$9.06
Adhesive Dura-Vinyl™	EA	080-2519	$8.31
Aluminum	EA	080-2518	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2520	$13.53
Adhesive Dura-Vinyl™	EA	080-2522	$12.46
Aluminum	EA	080-2521	$21.51

Caution: Eye Protection Required Sign

Material	Unit	Stock #	PRICE
10" x 7", Yellow/Black/White			
Plastic	EA	080-1089	$9.06
Adhesive Dura-Vinyl™	EA	080-2671	$9.57
Aluminum	EA	080-2670	$12.95
14" x 10", Yellow/Black/White			
Plastic	EA	080-2673	$13.53
Adhesive Dura-Vinyl™	EA	080-2674	$14.33
Aluminum	EA	080-2672	$21.51

Notice: High Noise Area Wear Ear Plugs Sign

Material	Unit	Stock #	PRICE
10" x 14", Blue/Black/White			
Plastic	EA	080-2592	$13.53
Adhesive Dura-Vinyl™	EA	083-2037	$14.33
Aluminum	EA	080-2591	$21.51

Notice: Safety Glasses Required in This Area Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2529	$9.06
Adhesive Dura-Vinyl™	EA	080-2531	$8.31
Aluminum	EA	080-2530	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2532	$13.53
Adhesive Dura-Vinyl™	EA	080-2534	$12.46
Aluminum	EA	080-2533	$21.51

Notice: Safety Glasses Required Beyond this Point Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2577	$9.06
Adhesive Dura-Vinyl™	EA	083-7007	$9.57
Aluminum	EA	080-2576	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2578	$13.53
Adhesive Dura-Vinyl™	EA	080-2580	$14.33
Aluminum	EA	080-2579	$21.51

Notice: Hair Net Required Beyond This Point Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	083-2813	$9.06
Adhesive Dura-Vinyl™	EA	083-2814	$9.57
Aluminum	EA	080-2633	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2631	$13.53
Adhesive Dura-Vinyl™	EA	080-1009	$14.33
Aluminum	EA	080-2632	$21.51

Notice: Hairnets & Beard Covers Required In This Area Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	083-7004	$9.06
Adhesive Dura-Vinyl™	EA	080-2643	$9.57
Aluminum	EA	083-7003	$12.95
10 x 14", Blue/Black/White			
Plastic	EA	080-2645	$13.53
Adhesive Dura-Vinyl™	EA	080-2644	$14.33
Aluminum	EA	083-7733	$21.51

Stop: PPE Required Beyond This Point Sign

Material	Unit	Stock #	PRICE
12" x 12", Red/Black/White			
Plastic	EA	083-7006	$16.93
Adhesive Dura-Vinyl™	EA	080-2668	$17.95
Aluminum	EA	083-7005	$28.79

Safety First: Wear PPE When Working With Acids Sign

Material	Unit	Stock #	PRICE
10" x 14", Green/Black/White			
Plastic	EA	080-2743	$13.53
Adhesive Dura-Vinyl™	EA	083-2038	$14.33
Aluminum	EA	080-2742	$21.51

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SLIPS, TRIPS, & FALLS SIGNS

Caution: Watch Your Step Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2717	$9.06
Adhesive Dura-Vinyl™	EA	083-2777	$9.57
Aluminum	EA	080-2718	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2716	$21.51
Adhesive Dura-Vinyl™	EA	080-2714	$14.33
Aluminum	EA	080-2715	$21.51

Notice: Keep This Area Clear Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2541	$9.06
Adhesive Dura-Vinyl™	EA	080-2543	$8.31
Aluminum	EA	080-2542	$12.95
10" x 14", Blue/Black/White			
Plastic	EA	080-2544	$13.53
Adhesive Dura-Vinyl™	EA	080-2546	$12.46
Aluminum	EA	080-2545	$21.51

Caution: Slippery When Wet Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2606	$9.06
Adhesive Dura-Vinyl™	EA	080-2607	$9.57
Aluminum	EA	080-2605	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2608	$13.53
Adhesive Dura-Vinyl™	EA	080-1021	$14.33
Aluminum	EA	080-2609	$21.51

SMOKING CONTROL SIGNS

No Smoking Please Pictogram Sign

Material	Unit	Stock #	PRICE
10" x 7", Red/Black/White			
Adhesive Dura-Vinyl™	EA	083-2036	$9.57

Danger: No Smoking Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2553	$9.06
Adhesive Dura-Vinyl™	EA	080-2555	$8.31
Aluminum	EA	080-2554	$12.95
10" x 14", Red/Black/White			
Plastic	EA	080-2556	$13.53
Adhesive Dura-Vinyl™	EA	080-2558	$12.46
Aluminum	EA	080-2557	$21.51

No Smoking Sign

Material	Unit	Stock #	PRICE
7" x 10", White/Red			
Plastic	EA	080-2559	$9.06
Adhesive Dura-Vinyl™	EA	080-2561	$8.31
Aluminum	EA	080-2560	$12.95
10" x 14", White/Red			
Plastic	EA	080-2564	$13.53
Adhesive Dura-Vinyl™	EA	080-2562	$12.46
Aluminum	EA	080-2563	$21.51

TRAFFIC - INDUSTRIAL SIGNS

Shipping & Receiving Sign

Material	Unit	Stock #	PRICE
10" x 14", Black/White			
Plastic	EA	080-2617	$13.53
Adhesive Dura-Vinyl™	EA	080-2618	$14.33
Aluminum	EA	080-2616	$21.51

Caution: Watch For Forklift Traffic Sign

Material	Unit	Stock #	PRICE
7" x 10", Black/Yellow			
Plastic	EA	080-2565	$9.06
Adhesive Dura-Vinyl™	EA	080-2567	$8.31
Aluminum	EA	080-2566	$12.95
10" x 14", Black/Yellow			
Plastic	EA	080-2569	$13.53
Adhesive Dura-Vinyl™	EA	080-2568	$12.46
Aluminum	EA	080-1207	$12.31

Call Customer Service at 800-826-8302

TRAFFIC - INDUSTRIAL SIGNS

Danger: Look Out for Lift Trucks Sign

Material	Unit	Stock #	PRICE
7" x 10", Red/Black/White			
Plastic	EA	080-2704	**$9.06**
Adhesive Dura-Vinyl™	EA	080-2706	**$8.31**
Aluminum	EA	080-2705	**$12.95**
10" x 14", Red/Black/White			
Plastic	EA	080-2709	**$13.53**
Adhesive Dura-Vinyl™	EA	080-2707	**$12.46**
Aluminum	EA	080-2708	**$21.51**

Drivers Chock Both Wheels Sign

Material	Unit	Stock #	PRICE
10" x 14", Blue/White			
Plastic	EA	080-2060	**$13.53**
Adhesive Dura-Vinyl™	EA	080-2061	**$14.33**
Aluminum	EA	080-2062	**$21.51**

Drivers Must Chock Wheels and Set Brakes Before Loading or Unloading Sign

Material	Unit	Stock #	PRICE
10" x 14", Black/White			
Plastic	EA	080-2066	**$13.53**
Adhesive Dura-Vinyl™	EA	080-2064	**$14.33**
Aluminum	EA	080-2065	**$21.51**

Notice: Wheels Must Be Chocked Before Loading Or Unloading Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Plastic	EA	080-2570	**$9.06**
Adhesive Dura-Vinyl™	EA	080-2572	**$8.31**
Aluminum	EA	080-2571	**$12.95**
10" x 14", Blue/Black/White			
Plastic	EA	080-2573	**$13.53**
Adhesive Dura-Vinyl™	EA	080-2575	**$12.46**
Aluminum	EA	080-2574	**$21.51**

Fire Lane: No Parking Tow-Away Zone Sign

Material	Unit	Stock #	PRICE
18" x 12", Red/White			
Engineer Grade Reflective Aluminum	EA	080-1093	**$37.93**

Notice: No Parking Sign

Material	Unit	Stock #	PRICE
12" x 18", Blue/Black/White			
Plastic	EA	080-2620	**$16.93**
Adhesive Dura-Vinyl™	EA	080-2621	**$17.95**
Aluminum	EA	080-2619	**$28.79**

Handicapped Parking Sign

Material	Unit	Stock #	PRICE
18" x 12", Blue/White			
Engineer Grade Reflective Aluminum	EA	083-2034	**$37.93**

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Prices subject to change.

RESTROOM SIGNS

Unisex Restroom Sign

Material	Unit	Stock #	PRICE
7" x 10", Blue/White			
Plastic	EA	080-2500	$9.06
Adhesive Dura-Vinyl™	EA	080-2502	$9.57
Aluminum	EA	080-2501	$12.95
10" x 14", Blue/White			
Plastic	EA	080-2505	$13.53
Adhesive Dura-Vinyl™	EA	080-2503	$14.33
Aluminum	EA	080-2504	$21.51

Restrooms Sign

Material	Unit	Stock #	PRICE
4" x 12", Blue/White			
Plastic	EA	080-2750	$6.82
Adhesive Dura-Vinyl™	EA	080-2751	$7.17
Aluminum	EA	080-2749	$8.26

Men Sign

Material	Unit	Stock #	PRICE
7 x 10", Blue/White			
Plastic	EA	083-2008	$9.06
Adhesive Dura-Vinyl™	EA	083-2511	$9.57
Aluminum	EA	080-2700	$12.95
10" x 14", Blue/White			
Plastic	EA	080-2702	$13.53
Adhesive Dura-Vinyl™	EA	080-2703	$12.46
Aluminum	EA	080-2701	$21.51

Women Sign

Material	Unit	Stock #	PRICE
7 x 10", Blue/White			
Plastic	EA	083-2007	$9.06
Adhesive Dura-Vinyl™	EA	083-2512	$9.57
Aluminum	EA	080-2696	$12.95
10" x 14", Blue/White			
Plastic	EA	080-2698	$13.53
Adhesive Dura-Vinyl™	EA	080-2699	$12.46
Aluminum	EA	080-2697	$21.51

Inedible Sign

Material	Unit	Stock #	PRICE
3.5" x 5", Red/White			
Adhesive Dura-Vinyl™	EA	083-2010	$2.14

BILINGUAL SAFETY SIGNS

Accuform Bilingual Safety Signs

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Keep your English and Spanish speaking employees safe! Bilingual Spanish signs are designed to coney the same proper direction and safety information to Spanish-speaking workers, as English signs. These signs and labels confirm to the guidelines of ANSI Z535.2.

Bilingual Notice: Keep This Door Closed Sign

Material	Unit	Stock #	PRICE
14" x 10", Blue/Black/White			
Plastic	EA	083-7476	$13.53
Adhesive Dura-Vinyl™	EA	083-7524	$14.33
Aluminum	EA	080-2738	$21.51

Bilingual Restricted Area: Unauthorized Persons Keep Out Safety Sign

Material	Unit	Stock #	PRICE
14" x 10", Red/Black/White			
Plastic	EA	080-1006	$13.53
Adhesive Dura-Vinyl™	EA	080-1008	$14.33
Aluminum	EA	080-1007	$21.51

Bilingual Exit/Salida Sign

Material	Unit	Stock #	PRICE
10" x 14", Red/White			
Plastic	EA	080-2599	$13.53
Adhesive Dura-Vinyl™	EA	080-2600	$14.33
Aluminum	EA	080-2598	$21.51

Bilingual No Exit Sign

Material	Unit	Stock #	PRICE
14" x 10", Red/White			
Plastic	EA	080-2737	$13.53
Adhesive Dura-Vinyl™	EA	083-7477	$14.33
Aluminum	EA	080-2736	$21.51

More 6ilingual Gigns on next page...

Call Customer Service at 800-826-8302

BILINGUAL SAFETY SIGNS

HAZ-COM/GHS LABELS

Bilingual Not An Exit Bilingual Sign

Material	Unit	Stock #	PRICE
14" x 10", Black/White			
Plastic	EA	083-7471	$13.53
Adhesive Dura-Vinyl™	EA	080-2658	$14.33
Aluminum	EA	083-7472	$21.51

Bilingual Notice: Wash Your Hands Before Leaving This Room Sign

Material	Unit	Stock #	PRICE
14" x 10", Blue/Black/White			
Plastic	EA	083-7109	$13.53
Adhesive Dura-Vinyl™	EA	083-7474	$14.33
Aluminum	EA	080-2739	$21.51

Bilingual Notice: No Eating or Drinking In This Area Sign

Material	Unit	Stock #	PRICE
14" x 10", Blue/Black/White			
Plastic	EA	083-7473	$13.53
Adhesive Dura-Vinyl™	EA	080-2741	$14.33
Aluminum	EA	080-2740	$21.51

Bilingual Caution: Hearing Protection Required Sign

Material	Unit	Stock #	PRICE
14" x 10", Black/Yellow			
Plastic	EA	083-7096	$13.53
Adhesive Dura-Vinyl™	EA	080-2733	$14.33
Aluminum	EA	080-2732	$21.51

Bilingual Caution: Eye Protection Required Sign

Material	Unit	Stock #	PRICE
14" x 10", Black/Yellow			
Plastic	EA	083-7478	$13.53
Adhesive Dura-Vinyl™	EA	080-2735	$14.33
Aluminum	EA	080-2734	$21.51

NFPA Classification Diamond Roll Labels

Adhesive poly write on labels with the NFPA Diamond allow you to customize your message. Use for secondary container labeling throughout the food processing facility to keep chemicals and lab products properly identified. 2″ x 2″ labels; 250 labels/roll.
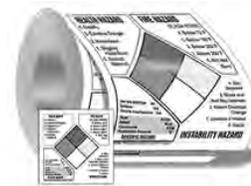
Unit	Stock #	PRICE
RL	083-2040	$43.71

HMCIS Safety Labels

Adhesive poly labels are the five color bar format of HMCIS. Fill in each of the color bars with the hazard codes and protective equipment (in the white bar). 2″ x 2″ labels; 250 labels/roll.

Unit	Stock #	PRICE
RL	083-2041	$43.71

SHIPPING LABELS

Hazardous Waste Shipping Labels

Comply with current federal regulations regarding identification of hazardous waste materials for transportation off-site. These self-adhesive coated paper labels measure 6″ x 6″ and are sold in packs of 25. Yellow/Red.

Unit	Stock #	PRICE
PK	083-2042	$12.93

Hazardous Waste Safety Label

Help meet D.O.T. (49 CFR part 172) and EPA (40 CFR part 262.31-32) regulations for labeling substance containers for hazardous waste with these labels. These red and white labels are 4″ x 6″, and are printed on an adhesive-poly sheet. 25 labels/pack.

Unit	Stock #	PRICE
PK	083-7722	$17.97

Universal Waste Safety Label

Help meet D.O.T. (49 CFR part 172) and EPA (40 CFR part 262.31-31) regulations for labeling substance containers for hazardous waste with these labels. These purple and white labels are 4″ x 4″, and are printed on an adhesive-poly sheet. 25 labels/pack.

Unit	Stock #	PRICE
PK	083-7721	$17.97

Prices subject to change.

Danger: Pinch Point Watch Your Hands Label

Material	Unit	Stock #	PRICE
3-1/2" x 5",pRed/Yellow/Black/White			
Adhesive Vinyl	EA	083-7952	$4.05

Danger: Never Reach into Moving Machinery ANSI Safety Label

Material	Pkg	Unit	Stock #	PRICE
5" x 3-1/2", Red/Black/White				
Adhesive Vinyl	5/pk	PK	083-2539	$12.31

Danger: Keep Hands Clear OSHA Safety Label

Material	Pkg	Unit	Stock #	PRICE
5" x 3-1/2", Red/Black/White				
Adhesive Vinyl	5/pk	PK	083-2540	$12.31

Danger: Disconnect Before Servicing Equipment Safety Label

Material	Pkg	Unit	Stock #	PRICE
5" x 3-1/2", Red/Black/White				
Adhesive Vinyl	5/pk	PK	083-2534	$12.31

Danger: Do Not Operate Without Guards in Place OSHA Safety Label

Material	Pkg	Unit	Stock #	PRICE
3-1/2" x 5", Red/Black/White				
Adhesive Vinyl	5/pk	PK	083-2538	$12.31

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Lockout Point Label

Material	Pkg	Unit	Stock #	PRICE
3-1/2" x 5", Red/White				
Adhesive Vinyl	5/pk	PK	083-7664	$12.31

First Aid Label

Material	Unit	Stock #	PRICE
3" x 7", Green/Black/White			
Adhesive Vinyl	EA	083-2039	$14.75

Safety First: Dial 911 in Case of Emergency OSHA Safety Label

Material	Pkg	Unit	Stock #	PRICE
3-1/2" x 5", Green/Black/White				
Adhesive Vinyl	5/pk	PK	083-2541	$12.31

Caution: Hearing Protection Required in This Area OSHA Safety Label

Material	Pkg	Unit	Stock #	PRICE
3-1/2" x 5", Black/Yellow				
Adhesive Vinyl	5/pk	PK	083-2530	$12.31

Caution: Eye Protection Required in This Area OSHA Safety Label

Material	Pkg	Unit	Stock #	PRICE
3-1/2" x 5", Black/Yellow				
Adhesive Vinyl	5/pk	PK	083-2531	$12.31

Call Customer Service at 800-826-8302

SAFETY LABELS

Danger: Hot OSHA Safety Label

Caution: Wear your Gloves OSHA Safety Label

Material	Pkg	Unit	Stock #	PRICE
3-1/2" x 5", Red/Black/White				
Adhesive Vinyl	5/pk	PK	083-2542	$12.31

Material	Pkg	Unit	Stock #	PRICE
3-1/2" x 5", Black/Yellow				
Adhesive Vinyl	5/pk	PK	083-2532	$12.31

HOW TO ORDER   Accuform Custom Signs & Labels

1 **Choose SIGN MATERIAL:**

Adhesive Vinyl   Plastic
Aluminum   Adhesive Dura-Vinyl™
Dura-AlumaLite   Dura-Plastic™
Dura-Fiberglass   Accu-Shield™
Lumi-Glow™ Flex   Lumi-Glow™ Plastic
Dura-Shield™

2 **Specify SIGN SIZE:**

3.5" x 5"   5" x 7"
7" x 10"   9" x 12"
10" x 14"   12" x 18"
14" x 20"   Other

3 **Decide LAYOUT:**

Vertical

Horizontal

4 **Choose STANDARD HEADER:**

DANGER   PELIGRO
NOTICE   AVISO
SAFETY FIRST SEGURIDAD PRIMERO
CAUTION   PRECAUCIÓN
WARNING   ADVERTENCIA
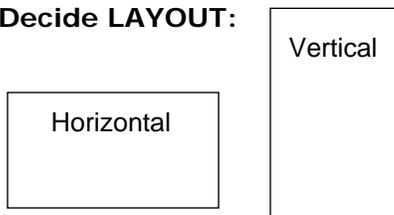
5 **Or choose CUSTOM or NO HEADER:**

• Select background color
• Select text color

6 **Specify CUSTOM TEXT**

TO ORDER : Call Customer Service 800-826-8302

Note: Custom products are made to YOUR specifications; therefore orders cannot be cancelled and are not returnable unless defective.

Prices subject to change.

Fire Extinguisher Recharge & Inspection Record Tag

5-3/4" x 3-1/4" cardstock tags to record fire extinguisher recharge and inspection. Red/White.
5 tags/pack.

Unit	Stock #	PRICE
PK	080-2063	$3.35

Emergency Shower & Eye Wash Test Record Tags

Record monthly emergency shower and eye wash inspections on these durable 4-1/2" x 2-1/8" tags.
These cardstock tags are green, white and black and perfect for hanging in tight locations.
25 tags/pack.

Unit	Stock #	PRICE
PK	080-2081	$10.93
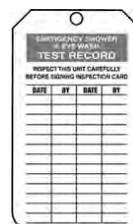
Accuform Pipe Markers

An unmarked pipe is an unknown danger - immediately identify pipe contents with these markers. Arrows show directions of flow. Self-sticking marker material is printed on 4-mil flexible vinyl and overlaminated with a 2-mil, UV resistant polyester film. Service temperature is -20° to 140°F. Its acrylic adhesive back applies to a smooth, clean pipe surface. Fits pipes 1-1/2″ to 2″ in diameter. 3/4″ letter height. 1-1/2″ x 8″ marker size. Directional flow arrow included with markers.

Legend	Color	Unit	Stock #	PRICE
Brine	Green	EA	083-2064	$2.08
Chlorine	Yellow	EA	083-2065	$4.64
City Water	Green	EA	083-2066	$2.08
Cold Water	Green	EA	083-2067	$2.08
High Pressure Steam	Yellow	EA	083-2068	$2.08
Hot Water	Yellow	EA	083-2069	$2.08
Natural Gas	Yellow	EA	083-2077	$2.08
Sanitary Drain	Green	EA	083-2078	$2.08
Arrow	Black/Yellow	EA	083-2079	$2.08
Arrow	White/Green	EA	083-2084	$2.08
Arrow Tape, 1″ x 108 ft roll	Black/Yellow	RL	083-2085	$31.31
Arrow Tape, 1″ x 108 ft roll	White/Green	RL	083-2086	$31.31

Directional Flow Arrow Tapes

Provide 360° visibility and identify flow direction with printed arrows that are repeated the entire length of the tape. 6-mil vinyl tape with self-adhesive back.

Color	Unit	Stock #	PRICE
2″ x 108′ Roll			
Red w/ White Arrows	RL	080-1000	$45.02
Green w/ White Arrows	RL	080-1051	$45.02
Blue w/ White Arrows	RL	080-1095	$45.02

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Call Customer Service at 800-826-8302

LOCKOUT/TAGOUT

Tags-By-The-Roll From STOPOUT®

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Tags-By-The-Roll are available in quantities of 100 and 250 tags, housed inside an eye-catching, octogon-shaped, cardboard dispenser roll. Place the 7-1/4" x 7-1/4" x 3-1/2" dispenser in a central location, on a work cart, or carry to where lots of tags are needed. Tags are made of 10-mil PF-cardstock which is tear-resistant and waterproof. Tags measure 6-1/4" x 3" with an oversized 3/8" hole. The writable matte surface is printed on both sides with space to sign, date, and add notes.

Danger - Do Not Operate

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7734	$49.55
250/rl	RL	083-7735	$110.11

Danger - Do Not Operate, Electricians At Work

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7736	$49.55
250/rl	RL	083-7737	$110.11

Danger - Do Not Operate, Equipment Locked Out

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7738	$49.55
250/rl	RL	083-7739	$110.11

Danger - Do Not Operate

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7740	$49.55
250/rl	RL	083-7741	$110.11

Danger - Do Not Operate, Maintenance Department

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7742	$49.55
250/rl	RL	083-7743	$110.11

Danger - Do Not Start

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7744	$49.55
250/rl	RL	083-7745	$110.11

Danger - Equipment Locked Out

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7746	$49.55
250/rl	RL	083-7747	$110.11

Danger - Locked Out, Do Not Operate

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7748	$49.55
250/rl	RL	083-7749	$110.11

Danger - Locked Out, Do Not Remove

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7750	$49.55
250/rl	RL	083-7751	$110.11

Bilingual Danger - Do Not Operate

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7752	$49.55
250/rl	RL	083-7753	$110.11

Bilingual Danger - Locked Out, Do Not Operate

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7754	$49.55
250/rl	RL	083-7755	$110.11

Bilingual Danger This Tag & Lock to be Removed Only by Person Shown on Back

Pkg	Unit	Stock #	PRICE
100/rl	RL	083-7756	$49.55
250/rl	RL	083-7757	$110.11

Prices subject to change.

Quicktags™ From STOPOUT

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QuickTags are available as a set that includes 100 tags in a self-contained, 8″ x 4″ x 1-3/4″ plastic dispenser with keyholes on the underside to mount near workstations. Refill tags available(100/pack), simply open the QuickTags dispenser and reload. Tags are made of 10-mil PF-cardstock which is tear-resistant and waterproof. Tags measure 6-1/4″ x 3″ with an oversized 3/8″ hole. The writable matte surface is printed on both sides with space to sign, date, and add notes.

Danger - Do Not Operate

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7758	$53.46
Refill package, 100 tags/pk	PK	083-7759	$47.77

Danger - Do Not Operate - Electricians at Work

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7760	$53.46
Refill Package, 100 tags/pk	PK	083-7761	$47.77

Danger - Do Not Operate Equipment Locked Out

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7762	$53.46
Refill package, 100 tags/pk	PK	083-7763	$47.77

Danger - Do Not Operate

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7764	$53.46
Refill package, 100 tags/pk	PK	083-7765	$47.77

Danger - Do Not Operate Maintenance Department

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7766	$53.46
Refill package, 100 tags/pk	PK	083-7767	$47.77

Danger - Do Not Start

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7768	$53.46
Refill package, 100 tags/pk	PK	083-7769	$47.77

Danger - Equipment Locked Out

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7770	$53.46
Refill package, 100 tags/pk	PK	083-7771	$47.77

Danger - Locked Out, Do Not Operate

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7772	$53.46
Refill package, 100 tags/pk	PK	083-7773	$47.77

Danger - Locked Out, Do Not Remove

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7774	$53.46
Refill package, 100 tags/pk	PK	083-7775	$47.77

Bilingual Danger - Do Not Operate

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7776	$53.46
Refill package, 100 tags/pk	PK	083-7777	$53.46

Bilingual Danger - Locked Out, Do Not Operate

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7778	$47.77
Refill package, 100 tags/pk	PK	083-7779	$47.77

Bilingual Danger This Tag & Lock to be Removed Only by Person Shown on Back

Description	Unit	Stock #	PRICE
Dispenser and tags	ST	083-7780	$53.46
Refill package, 100 tags/pk	PK	083-7781	$47.77

Call Customer Service at 800-826-8302

LOCKOUT/TAGOUT

Tab Tags by STOPOUT®

Uniquely sized tag is shaped to fit over the tab on the inside of the STOPOUT Tag 'n Hang Hasp. Tag is secured with the octagon panel closed down and the loop held in place by padlock with the full face of the tag showing at all times. Durable 15-mil RP-Plastic Tag measures 4-1/2″ x 2-1/8″. 25/package.

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Unit	Stock #	PRICE
Danger - Do Not Operate Tab Tag		
PK	083-7794	$30.95
Danger - Locked Out, Do Not Operate Tab Tag		
PK	083-7795	$30.95

Snap Aluma-Tag™ "Danger - Do Not Operate" Hasp

The spring-loaded jaw end pushes to open and snaps back into the closed position. Inserting a padlock into the holes prevents the jaw end from opening. Accommodates up to five padlocks with up to a 9/32″ shackle diameter (sold separately). 7″ x 2-7/8″ x 3/16″ thick hasp with anodized aluminum and stainless steel rivet construction for combined corrosion resistance and strength. Snap area has 1-1/4″ opening with corner angle cut in to 2-1/8″ x 1-3/4″ oval fit.

The bold red/white/black contrasting lockout message label has space to write necessary information.

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Unit	Stock #	PRICE
EA	083-7792	$20.36

Aluma-Tag™ Hasps

Lock out more equipment with this large reach hasp made to withstand tough and abusive environments. The scissor-style hasp is comprised of two high-strength .090″ thick red anodized aluminum plates. When closed, the holes line up to accommodate up to six padlocks with up to 9/32″ shackle diameter (padlocks sold separately). Jaw ends are offset to crossover one another when closed - this prevents prying and tampering of the hasp. Get true 1-1/2″ round reach with the full jaw opening. Inside corners are angle-cut to not interfere with critical space when opening and closing the hasp. The hasp is a tag shape measuring 6-3/4″ x 3- 1/8″. It incorporates bold, contrasting red/white/black lockout hazard message labels on both sides - with space to write in necessary information.

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Do Not Operate Aluma-Tag™ Hasp

Unit	Stock #	PRICE
EA	083-7787	$19.86

Danger - Locked Out Do Not Operate Aluma-Tag™ Hasp

Unit	Stock #	PRICE
EA	083-7788	$19.86

Danger - Do Not Start Aluma-Tag™ Hasp

Unit	Stock #	PRICE
EA	083-7789	$19.86

Prices subject to change.

STOPOUT® Double-Cross Aluma-Tag™ Hasps

Lock out equipment and cable loops at both ends of the hasp. Two red anodized, .90″ aluminum plates make this high-strength, versatile hasp. When closed, the holes line up to accommodate up to six padlocks (sold separately). Double crossed, octagon-shaped jaws - on each end - are offset to crossover one another when closed. This prevents tampering of the hasp from being easily pried apart.

• Openings provide optimal reach when opening and closing the hasp - 1-3/4″diameter on one end and 3/4″ diameter on the other end.

• Hasp measures 7″ x 3-1/8″ (2-3/4″ in the body) with red/white/black lockout hazard message labels on both sides - with space to write in necessary lockout information.

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Danger - Do Not Operate

Unit	Stock #	PRICE
EA	083-7790	$22.22

Danger - Locked Out, Do Not Operate

Unit	Stock #	PRICE
EA	083-7791	$22.22

STOPOUT® Tag 'n Hang Hasp

Change out, insert, and secure a lockout tab tag for each lockout situation with the Tag 'n Hang Hasp. Bright safety red and contrasting black hasp has an unmistakable stop-shaped octagon front panel shield - and contains a visible lockout tag within it that is changeable.

The compact 5-1/4″ x 3″ hasp body fits in the palm of the hand, holds a specially designed lockout tag (sold separately) and secures with a padlock (sold separately). Hasp is molded in lightweight, durable, all dielectric plastic.

Insert the open end of the 1/4″ wide loop to lockout the device. The hasp hangs by the 1-3/8″ x 2-3/4″ closed oval loop. Fill out the specially designed lockout tab tag and insert the top hole over the octagon-shaped tab inside the hasp. Close down the 2-1/4″ octagon panel to hold the tag in place. The important lockout message and sign off information will stay visible. Slip the open loop end into the open side of the hasp and brace in place securely by up to three padlocks (sold separately).

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Unit	Stock #	PRICE
EA	083-7793	$8.33

Loop Hasp

A flexible hasp made of highly visible, durable, heavy-duty red nylon that is dielectric (non-conductive). The 1/4″ wide hanger makes a 1″ x 3″ opening loop. To close, slip the open loop end into the open side of the hasp. Padlock (sold separately) prevents the hasp from opening. 7-1/4″ overall length.

Unit	Stock #	PRICE
EA	083-2379	$4.88

Aluminum Hasps

Comes vinyl-coated in red on non-sparking aluminum for added protection in potentially hazardous location environments. Padlock keeps hasp closed until the last padlock is removed. Accommodates up to six padlocks (sold separately).

Opening	Length	Unit	Stock #	PRICE
1″ dia	4-1/2″	EA	083-2372	$4.15
1-1/2″ dia	5″	EA	083-2373	$4.84

Call Customer Service at 800-826-8302

LOCKOUT/TAGOUT

Standard Style Steel Hasps

Hasp stays closed until last padlock (sold separately) is removed. Red vinyl-coating on zinc-plated steel.

Opening	Length	Unit	Stock #	PRICE
1″ dia	4-1/2″	EA	083-2375	$4.20
1-1/2″ dia	5″	EA	083-2376	$4.91

Interlocking Style Steel Hasps

Features bent tabs on the jaw closures to prevent prying apart the hasp. Hasp stays closed until last padlock (sold separately) is removed. Red vinyl-coating on zinc-plated steel.

Opening	Length	Unit	Stock #	PRICE
1″ dia	4-1/2″	EA	083-2377	$4.60
1-1/2″ dia	5″	EA	083-2378	$5.65

STOPOUT® Slide 'n Lock™

Lockout large handle circuit breakers with the Slide 'n Lock. This versatile lockout device prevents the accidental activation of large or up to three individual circuit breakers and can work on a wide variety of flip lever style switches. Constructed of red dielectric ABS plastic and incorporates the octagon shape to convey STOP. The Slide 'n Lock consists of three parts: Mounting Rail, Slide Set, and Stop Bar. It installs quickly and easily with no drilling required, and no binding onto the breaker handle. Additional Mounting Rails allow the removable parts of the Slide 'n Lock to be used on several electrical panels without removing the Mounting Rail.

Description	Unit	Stock #	PRICE
Slide 'n Lock	EA	083-7785	$18.00
5″L Additional Mounting Rail	EA	083-7786	$5.31

STOPOUT® Pole Circuit Breaker Lockouts

Pump action of handle quickly secures lockouts to breaker switch. This unique design allows for the fastest lockout application time and quick and easy removal as well. The unit uses metal jaws for an optimum secure grip, and the visible safety red calls attention to the locked out switch. Easily apply with just one hand if needed. Octagon peg allows specially designed Tab Tags (sold separately) to be secured directly to the device. Accommodates up to 9/32″ diameter padlock shackles (sold separately). Available to fit single-, double-, and triple-pole breakers.

Description	Size	Unit	Stock #	PRICE
Single Pole Breaker Lockout	15/16″W x 3 [1/3″]″L x 1 ½″D	EA	083-7782	$14.55
Double Pole Breaker Lockout	1¾″W x 3⅓″L x 1½″D	EA	083-7783	$17.39
Triple Pole Breaker Lockout	2½″W x 3⅓″L x 1½″D	EA	083-7784	$18.44

STOPOUT® Disposable Padlock Seal

The look of a padlock with the functionality of a seal. This cost-saving lock device combines the features of a security seal and traditional padlock for single use - eliminating the hassle of misplaced locks or keys. The plastic shackle band can only be broken or cut for removal for one-time use. Red, all-plastic body measures 2-1/2"H x 1/2"W x 7/8"D with 7-1/2"L x 1/4"W long plastic shackle band rated up to 100-lb. pull strength. Includes lockout style label with space to fill-in identification, name and date. 10/pack.

Unit	Stock #	PRICE
PK	083-7878	$27.71

Prices subject to change.

STOPOUT® Cinch Cable Lockout

Universal spooling cable lockout can lockout multiple devices at once. Lockout contains an internal cable spooling feature to quickly, simply and neatly extend and loop the 6-ft cable through several devices to lock them out. Then insert the cable end back into cinch lock device for it to "cinch" tight and unmovable. When the cable is pulled tight, it automatically holds. Device is secured with padlock (sold separately). Durable plastic cinching lockout device measures 3-1/2" x 4" x 1" and is the only standard size lockout device that will spool the cable all the way inside the device for easy storage. No more messing with loose cables that have to be secured or get tangled. Leaving no room for confusion, the red hole cable feeder has a funnel shape for quick and obvious placement of the cable.

Description	Unit	Stock #	PRICE
Cinch lockout w/ 6' cable	EA	083-7796	$37.95
15' of cable	EA	083-7797	$19.57

Master Lock™ Python Cinch-Cable Lock

Thread the cable through equipment and back, then cinch it tight by pulling the 3/8" diameter vinyl coated steel-braided cable tight to any length - from 1 to 6-ft - and the locking mechanism will hold it in place. 2-3/4" x 3-1/2" x 1-1/4" lock body is weather tough and rust resistant with black bumper to prevent scratching. Strap holds excess cable for compact storage. Keyed differently.

Unit	Stock #	PRICE
EA	083-7799	$27.34

Scissor-Lok™ Cable-Hasps

Loop and lockout several electrical boxes, switch handles, valve hand wheel spokes, and a variety of equipment. Visible, vinyl-coated steel cable loops securely with this lockout hasp. The compact, scissor-style, nylon plastic hasp closes to 1" x 4-1/2" x 5/8". The hasp stays closed with up to 3 padlocks (sold separately), which cannot open to release the cable until the last padlock is removed.

Color	Unit	Stock #	PRICE
3-ft			
Red	EA	083-7800	$24.99
Yellow	EA	083-7801	$24.99
10-ft			
Red	EA	083-7802	$31.03
Yellow	EA	083-7803	$31.03

STOPOUT® Twist'n Lock Cinch Lockout Hasp

Easy-to-use cable and cinch lockout hasp solution. Highly visible red octagon shape alerts to reinforce and convey the lockout situation. Polycarbonate, compact hasp is comprised of two 1-1/2" dia x 3" W octagon rotating halves with 6-ft. red plastic-coated steel cable. Simply insert the cable through the devices to lock out; then pull the cable taut. A short 15° turn of the hasp halves tightens down and cinches the cable in place. Pin pops up to hold the device in the secured position and lines up the four padlock holes. Place lockout tag (sold separately) and up to four padlocks (sold separately) in the open holes to secure the hasp in place. When the lockout situation is finished, simply remove padlock(s), push in the pin, twist the device in the opposite direction to release and pull out the cable.

Unit	Stock #	PRICE
EA	083-7804	$23.31

Chain Lockout Kit

6-1/2" x 9-3/16" white polypropylene case has dual-purpose handle that can also be used to hang kit on the wall. Durable, all-plastic box is weather resistant and will not rust or corrode.

Kit Includes:
(1) Length of Red Steel Chain, 4-ft
(2) Steel Padlocks, 3/4" shackle, keyed differently
(2) Lockout Scissor Hasps, 1-1/2" opening
(5) HS-Laminate Lockout tags
(5) Plastic ties

Unit	Stock #	PRICE
KT	083-7806	$98.92

Safety Chain

Mark off dangerous locations with this powder-coated red steel chain. 2/0 Straight link coil - .192" material diameter x 1.31" inside length x .35" inside width. Maximum continuous length is 120-ft.

Unit	Stock #	PRICE
FT	083-7805	$6.71

Call Customer Service at 800-826-8302

LOCKOUT/TAGOUT

STOPOUT® Gate Valve Handle Lockout

Surround gate valve handles and prevent them from being turned. Get assurance that the valve handles will stay in the desired 'closed' or 'open' position.

The gate valve lockout's hinged clamshell housing fully encloses the valve handle and prevents unauthorized access. The tough thermoplastic, polypropylene lockout device is a bright hazard red color and features a durable, impact-resistant aluminum hinge with permanent binding pin. Rigid hinge/pin design stands up to repeated use, opens easily and closes securely. Three shackle holes secure with padlocks (sold separately) in a group lockout setting.* A unique pry guard prevents the ability to insert a screwdriver in between the halves to pry them apart. In the center, a thinner area allows for easy drill through and attachment on rising stem gate valves. Comes with eye-catching safety label with red diagonal hazard stripes and space to write in pertinent lockout information. Additional safety labels sold separately.

*083-2460 has only one padlock shackle hole.

Fits Valve Handle Diameter:	Color	Unit	Stock #	PRICE
Gate Valve Handle Lockout				
1″ to 2½″		EA	083-2460	$11.11
2½″ to 5″		EA	083-2461	$16.91
5″ to 6½″		EA	083-2462	$23.86
6½″ to 10″		EA	083-7837	$29.53
10″ to 13″		EA	083-7838	$46.79
Labels - Fits Valve Handle Diameter 1″ - 2-1/2″				
	Red	EA	083-7839	$5.17
	Yellow	EA	083-7840	$5.17
	Blue	EA	083-7841	$5.17
	Green	EA	083-7842	$5.17
	Purple	EA	083-7843	$5.17
Labels - Fits Valve Handle Diameter 2-1/2″ - 5″				
	Red	EA	083-7844	$7.17
	Yellow	EA	083-7845	$7.17
	Blue	EA	083-7846	$7.17
	Green	EA	083-7847	$7.17
	Purple	EA	083-7848	$7.17

Fits Valve Handle Diameter:	Color	Unit	Stock #	PRICE
Labels - Fits Valve Handle Diameter 5″ - 6-1/2″				
	Red	EA	083-7849	$9.57
	Yellow	EA	083-7850	$9.57
	Blue	EA	083-7851	$9.57
	Green	EA	083-7852	$9.57
	Purple	EA	083-7853	$9.57
Labels - Fits Valve Handle Diameter 6-1/2″ - 10″				
	Red	EA	083-7854	$10.93
	Yellow	EA	083-7855	$10.93
	Blue	EA	083-7856	$10.93
	Green	EA	083-7857	$10.93
	Purple	EA	083-7858	$10.93
Labels - Fits Valve Handle Diameter 10″ - 13″				
	Red	EA	083-7859	$17.95
	Yellow	EA	083-7860	$17.95
	Blue	EA	083-7861	$17.95
	Green	EA	083-7862	$17.95
	Purple	EA	083-7863	$17.95

STOPOUT® Ball Valve Lockouts

Stop valves from being turned by applying this unique gull-wing design ball valve lockout. Easy-to-use lockout has two wingspan halves that hinge to quickly and simply secure over any closed ball valve handle. Device is secured with a padlock (sold separately) that is positioned so that the tag (sold separately) is always on top and visible. The bright red, plastic device works with ball valve handles either perpendicular or parallel to the pipe. Durable plastic resists solvents, cracking, abrasion and extreme temperatures. Includes red "Danger Locked Out" label. Additional labels sold separately.

Fits Valve Size	Color	Unit	Stock #	PRICE
Ball Valve Lockout				
⅜″ to 1-1/4″		EA	083-2043	$15.84
1-1/2″ to 2″		EA	083-2044	$24.80
Labels - Fits Ball Valve 3/8″ x 1¼″				
	Red	EA	083-7807	$2.59
	Yellow	EA	083-7808	$2.59
	Blue	EA	083-7809	$2.59
	Green	EA	083-7810	$2.59
	Purple	EA	083-7811	$2.59
Labels - Fits Ball Valve 1-1/2″ x 2″				
	Red	EA	083-7812	$3.88
	Yellow	EA	083-7813	$3.88
	Blue	EA	083-7814	$3.88
	Green	EA	083-7815	$3.88
	Purple	EA	083-7816	$3.88

Prices subject to change.

STOPOUT® Trailer-Lock Glad Hand Lockout

Clamp down to stop and prevent unplanned movement of trailers from the dock and storage areas. Deter unauthorized drive-off of trailers by blocking access to the emergency brake airline. Attach the Glad Hand Lockout to the trailer's (red) line connection, and secure with your choice of padlock (sold separately) to control access. Visible red, octagon-shape device is made of durable plastic with a zinc-coated steel pin for the hinge. Fits in the palm of the hand, measuring 4"L x 3"W x 2"H, and is designed to prevent slipping or loosening from tamper attempts. Easy-to-use, clam-style device fits only one way, and it hinges to completely cover the glad hand coupling point valve – fits standard valves. The red, octagon shape over the airline connection reinforces lockout status and conveys stop.

Unit	Stock #	PRICE
EA	080-7875	$19.22

Glad Hand Trailer Lockout

Keep the trailer in its place - especially while it is being loaded or unloaded. Apply the Glad Hand device to lockout access to the trailer's emergency brake (red) connection - preventing it from being moved. In order to move the trailer, the glad hand lockout must be taken off the trailer's air line to connect to a truck, which releases the emergency brakes on the trailer. Also, ideal for use on idle or storage trailers - preventing the trailer and its contents from being moved away or even theft. Available in visible red plastic with built in key lock.

Description	Unit	Stock #	PRICE
Keyed Differently	EA	083-7876	$32.55
Keyed Alike	EA	083-7877	$32.55

STOPOUT® Versatile Pneumatic End-Fittings Lockout

Provides a rugged tamper resistant method to lockout your pneumatic equipment/source to maintain worker safety. This easy to use lockout device has seven openings ranging from 9/32″ - 1/2″ diameter, that accommodates most male and female pneumatic configurations. The red octagon shape reinforces the devices lockout status, while the clear top allows users to see what is locked out. It is constructed of two polycarbonate halves connected with a steel hinge for rugged strength and durability. The unit is secured with a padlock (sold separately) and is designed to prevent tampering. Overall dimensions are 3-7/8″ x 3-1/4″ x 1-7/8″.

Unit	Stock #	PRICE
EA	083-7870	$22.11

STOPOUT® Universal Blockout Wall Switch Lockout

Dual use lockout device works on both toggle and rocker/paddle switches. Prevent accidental switch of the circuit using the existing screw plate screws to attach the lockout device to fully enclose the entire switch in the desired position. Simply fold down the door which is supp-orted by a living hinge to block access to the screws and lock out access, thus preventing removal of the device. Secure with standard padlock (sold separately). 4-1/2" H x 1-5/8"W x 7/8"D lockout is uniquely designed to remove the opportunity for error by only allowing the device to be applied in the direction of the desired lock out position - on or off. The bright red plastic lockout calls attention to the lockout situation.

Unit	Stock #	PRICE
EA	083-7869	$6.37

STOPOUT® Toggle-Switch Lockout

Prevent access to a toggle switch, button, or knob, but still be able to see its position with this clear polycarbonate lockout. This 3-1/2" x 1-1/2" base covers up to 3/4" x 1" switch area. Secure with a padlock (sold separately). Top half can be removed and stored when not in use. Octagon shape reinforces lockout status and conveys stop.

Unit	Stock #	PRICE
EA	083-7868	$22.55

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Call Customer Service at 800-826-8302

LOCKOUT/TAGOUT

STOPOUT® StopPlug™ AC Plug Lockouts

Prevents unauthorized, accidental plug-in of a power cord leading to equipment and machinery. Simply insert the electrical cord through the side opening of StopPlug and lock it out. Thick-wall, tamper-resistant, hinge-style design completely encloses the plug and lines up lockhole tabs; to lockout - secure with padlock (sold separately) and lockout tag (sold separately) to render the plug unusable. Write-on 'Danger' label on the outside provides additional warning and identifies the responsible person. Case is universal "stop" octagon shape in safety red. The all plastic construction is dielectric and RoHS compliant and resists temperature variations.

Available in two styles:
- Multi-Plug Lockout - fits most 110, 220, 550 or 600 VAC plugs up to 2-1/2"H x 2-1/2"W x 5-1/2"L with cord up to 1" dia. Overall size is 3"H x 3"W x 6"L.
- 110 Plug Lockout - fits most 110 VAC plugs up to 1-1/4"H x 1-1/4"W x 2"L with cord up to 1/2" dia. Overall size is 2-1/4"H x 2-1/4"W x 3-1/2"L.

Additional labels available - use to clearly mark the name and department when locking out equipment.

Description	Unit	Stock #	PRICE
Multi-Plug Lockout	EA	083-7871	$13.77
110 VAC Plug Lockout	EA	083-7872	$12.08
1" x 5-1/8" Multi-Plug Lockout Label, 5/pk	PK	083-7873	$8.08
3/4" x 3" 110 VAC Plug Lockout Label, 5/pk	PK	083-7874	$7.84

Hinge Style Plug Lockout

Completely enclose the electrical plug to seal off and prevent equipment from being plugged in. Place the plug in the lockout, close and secure with padlock (sold separately) to prevent opening of the lockout device. The two sizes accommodate standard voltage plugs (110 and some 220 VAC) and high voltage plugs (220 and some 550 VAC). Visible red, all plastic construction with clam shell design that clicks and locks together the two halves. Size 3/4″ x 1-3/4″ fits cord size up to 1/2″ diameter and size 3″ x 6″ fits cords size up to 1″ diameter.

Size	Unit	Stock #	PRICE
¾″ x 1-3/4″	EA	083-2045	$18.71
3″ x 6″	EA	083-2056	$24.07

STOPOUT® Push Button Lockout

Prevent accidental activation of push/pull operation buttons with this two part Push Button Cover. Device contains one semi-permanent aluminum metal ring which is placed underneath the threaded ring nut and a clear polycarbonate top that has a lip on the bottom, making it easy to slip under the rim of the metal ring for a secure fit. The clear polycarbonate top can easily be removed and stored for later use. Useful for locking out access with a padlock (sold separately), or installing without a padlock to prevent accidental activation of a button while still providing easy access. The octagonal shape helps convey the lockout status visually, while the polycarbonate clamshell, steel hinge pin and aluminum base helps it withstand rigorous facility use. Available for 22.5 and 30 mm buttons.

Description	Unit	Stock #	PRICE
STOPOUT Device with 22.5 mm base	EA	083-7864	$25.19
STOPOUT Device with 30 mm base	EA	083-7865	$25.19
Additional 22.5 mm metal ring	EA	083-7866	$6.51
Additional 30 mm metal ring	EA	083-7867	$6.71

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Prices subject to change.

STOPOUT® Plastic Body Aluminum Padlock with Hardened Steel Shackle

Features a hardened shackle, a solid aluminum core, and a PVC-free ABS plastic for a wide range of applications. These non-sparking, non-magnetic, dielectric padlocks are ideal for temperamental environments and confined space applications, as well as Lockout/Tagout (LOTO) situations. The 6-pin cylinder increases the tamper resistance. Key cannot be removed when padlock is unlocked. Includes trilingual LOTO labels for increased visibility and identification. Keyed differently.

1-3/4" Body Height w/ 1-1/2" Shackle Clearance

Color	Unit	Stock #	PRICE
White	EA	080-2744	$14.54
Red	EA	083-7965	$14.54
Yellow	EA	083-7964	$14.10
Blue	EA	083-7957	$14.10
Green	EA	083-7990	$14.54
Brown	EA	080-2746	$14.54
Black	EA	080-2745	$14.54
Orange	EA	080-1041	$14.54
Purple	EA	080-1043	$14.54

3" Body Height w/ 1-1/2" Shackle Clearance

Color	Unit	Stock #	PRICE
White	EA	080-2747	$16.17
Red	EA	083-7980	$16.17
Yellow	EA	083-7986	$16.17
Blue	EA	083-7959	$16.17
Green	EA	083-7983	$16.17
Brown	EA	083-7982	$16.17
Black	EA	083-7981	$16.17
Orange	EA	083-7984	$16.17
Purple	EA	083-7985	$16.17

Masterlock™ 411 Thermoplastic Safety Lockout Padlocks

Durable, non-conductive lock is 1-1/2"W x 3"H with a 1-1/2" shackle clearance. Write-on, bilingual lockout labels for all lockout/tagout applications. Locks are keyed differently with a 6-pin tumbler cylinder.

Color	Unit	Stock #	PRICE
Red	EA	213-2404	$14.23
Yellow	EA	213-2407	$14.14
Blue	EA	213-2405	$14.67
Green	EA	213-2410	$14.67
Black	EA	213-2409	$14.23
Orange	EA	213-2403	$14.67
Purple	EA	213-2401	$14.23
Teal	EA	213-2402	$14.67

STOPOUT® Compact Anodized Aluminum Padlocks

Anodized aluminum body lock with stainless steel shackle is perfect for confined or hard-to-reach spaces. Non-sparking, non-magnetic, and corrosion-resistant. Constructed of lightweight anodized aluminum with recycled content. 3/16" shackle diameter, with 2/3" apart steel shackle, and 5-pin precision tumbler. 1-1/4" body height with 1" shackle clearance height. Meets OSHA Lockout/Tagout standards. Available keyed differently or keyed alike. Keyed alike locks are semi-custom and are non-cancelable and non-returnable once ordered.

Color	Unit	Stock #	PRICE
Keyed Differently Locks			
Red	EA	083-7963	$12.64
Yellow	EA	080-2683	$13.31
Blue	EA	080-2680	$13.31
Green	EA	080-2681	$13.31
Brown	EA	080-2686	$13.31
Black	EA	080-2682	$13.31
Orange	EA	080-2684	$13.31
Purple	EA	080-2685	$13.31
Silver	EA	080-2687	$13.31

Color	Unit	Stock #	PRICE
Keyed Alike Locks			
Red	EA	080-2693	$14.51
Yellow	EA	083-7960	$13.78
Blue	EA	080-2695	$14.51
Green	EA	080-2694	$14.51
Brown	EA	080-2689	$14.51
Black	EA	080-2692	$14.51
Orange	EA	080-2691	$14.51
Purple	EA	080-2690	$14.51
Silver	EA	080-2688	$14.51

Call Customer Service at 800-826-8302

LOCKOUT/TAGOUT

STOPOUT® Anodized Aluminum Padlocks

Bright color-coded anodized aluminum padlocks are perfect for use both indoors and out. Non-sparking, non-magnetic, and corrosion-resistant. Constructed of lightweight premium aluminum with recycled content. 1/4" shackle diameter, with 3/16" apart steel shackle, and 6-pin precision tumbler. 1-1/2" body height with a 1-1/2" shackle clearance height. Designed for OSHA required identification, making them perfect for use in Lockout/Tagout situations. Keyed differently.

Color	Unit	Stock #	PRICE
Red	EA	083-7962	$15.85
Yellow	EA	083-7961	$15.85
Blue	EA	080-1056	$15.85
Green	EA	080-2675	$15.85
Brown	EA	080-2678	$15.85
Black	EA	083-7958	$15.05
Orange	EA	080-2676	$15.85
Purple	EA	080-2677	$15.85
Silver	EA	080-2679	$15.85

Look 'n Stop Group Lock Box

Look to view the keys and padlocks in a secure lock box that is shaped to say STOP! Four rows of aluminum strips contain 16 hooks to hang keys - identifiable through clear front cover. Once closed, holes and slots along the edges of box and cover align. Secure with up to 44 padlocks (sold separately). Plus, there is a hole on the left backside for a supervisor's padlock. Each padlock represents a worker on the lockout project. Each padlock removed signifies the worker has completed their portion of the project. Yet there is no access to the keys of the locked out devices until the last padlock is removed.

Features:

- Cover pry-guard edge provides security when using minimal padlocks.
- Visible safety red shows through the clear front cover.
- Familiar octagon box shape conveys STOP message.
- Front cover slides to hinge open and close.
- Top carry handle for portability to lockout location.
- Two rear keyholes for wall mounting.
- Flange foot to set down on flat surface.
- Front slot to drop in additional keys after lockout procedures have started.

Unit	Stock #	PRICE
EA	083-7879	$73.95

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STOPOUT® Look 'n Stop Compact Group Lock Box

Small, portable group lock box goes with you on the job – from the office to the production floor. Set the group Lock Box on a desk, mount on wall, or simply take with you on the go. Safely and securely stores keys from lockout. Specially designed lid hinges closed with a twist! Turn it 15 degrees for added security - prevents unauthorized pry access or tampering when padlock(s) are in place. With the holes lined up after close and turn, secure the box with up to 17 padlocks (sold separately). Once job is complete, the lid only opens after removal of the last padlock. Reverse twist lid to open, and remove keys. Each padlock represents a worker on the lockout project. Each padlock removed signifies the worker has completed their portion of the project. Yet there is no access to the keys of the locked out devices until the last padlock is removed. Durable plastic octagon shaped box is red to convey the STOP message. Measures 7-3/4" x 7-3/4" x 4".

Unit	Stock #	PRICE
EA	083-7880	$24.62

Portable Group Lock Boxes

With various personnel working on multiple locked out equipment or machinery, prevent access to the keys by locking them away in a lock box. Store the keys of locked out devices in the lock box, which is controlled by the group leader or job foreman. Once the job is completed, verified, and workers are cleared from the equipment, the foreman unlocks the box to regain access to the keys. Slot style has 13 slot holes on the top lid of the lock box. The slot holes allow authorized workers involved to secure a personal padlock to ensure that no one person has access to the keys in the box until they have removed these padlocks. The sturdy steel box measures 10" x 6" x 4-1/4". Features include lockable closure (padlocks sold separately), top key slot, and carry handle for portability. Red.

Description	Unit	Stock #	PRICE
Lock Box	EA	083-7881	$94.48
Slot Lock Box	EA	083-7882	$100.93

Prices subject to change.

STOPOUT® Ultimate Lockout Kit

Contains a variety of lockout devices and accessories for shutting down equipment and machinery before conducting maintenance or repairs.

Kit includes:
1 – Lockout box, plastic, 19″L x 9-1/2″W x 9-1/2″H
2 – Lockout scissor hasps, 1″ opening
2 – Lockout scissor hasps, 1-1/2″ opening
2 – STOPOUT Aluma-Tag™ hasps, 1-1/2″ opening
6 – Steel padlocks (keyed differently), 3/4″ shackle
6 – Steel padlocks (keyed differently), 1-1/2″ shackle
100 – Labels for padlock
50 – HS-Laminate lockout tags
2 – STOPOUT Circuit Breaker Lockouts
25 – STOPOUT Circuit Breaker Lockout Tab Tags
2 – STOPOUT Universal Wall Switch Lockouts
1 – STOPOUT StopPlug™ Multi-Plug Lockout
1 – STOPOUT StopPlug™ 110 Plug Lockout
1 – STOPOUT Ball Valve Lockout, 3/8″ – 1-1/4″ valve
1 – STOPOUT Ball Valve Lockout, 1-1/2″ – 2″ valve
1 – STOPOUT Gate Valve Lockout, 1″ – 2-1/2″ handle
1 – STOPOUT Gate Valve Lockout, 2-1/2″ – 5″ handle
1 – STOPOUT Gate Valve Lockout, 5″ – 6-1/2″ handle
1 – STOPOUT Cinch Lockout
1 – Training booklet
1 – Magnetic label 3-1/2″ x 5″; DANGER: EQUIPMENT LOCKED OUT, DO NOT REMOVE LOCKS

Unit	Stock #	PRICE
KT	080-2123	$549.94

STOPOUT® Deluxe Plus Lockout Kit

Contains a variety of lockout devices and accessories for shutting down equipment and machinery before conducting maintenance or repairs.

Kit includes:
1 – Lockout box, plastic, 19″L x 9-1/2″W x 9-1/2″H
2 – Lockout scissor hasps, 1″ opening
2 – Lockout scissor hasps, 1-1/2″ opening
2 – STOPOUT Aluma-Tag™ hasps, 1-1/2″ opening
6 – Steel padlocks (keyed differently), 3/4″ shackle
6 – Steel padlocks (keyed differently), 1-1/2″ shackle
100 – Labels for padlock
50 – HS-Laminate lockout tags
2 – STOPOUT Circuit Breaker Lockouts
25 – STOPOUT Circuit Breaker Lockout Tab Tags
2 – STOPOUT Universal Wall Switch Lockouts
1 – STOPOUT StopPlug™ Multi-Plug Lockout
1 – STOPOUT StopPlug™ 110 Plug Lockout
1 – AC Voltage Sensor
2 – STOPOUT Ball Valve Lockout, 3/8″ – 1-1/4″ valve
2 – STOPOUT Ball Valve Lockout, 1-1/2″ – 2″ valve
2 – STOPOUT Gate Valve Lockout, 1″ – 2-1/2″ handle
2 – STOPOUT Gate Valve Lockout, 2-1/2″ – 5″ handle
1 – Training booklet
1 – Magnetic label 3-1/2″ x 5″; DANGER: EQUIPMENT LOCKED OUT, DO NOT REMOVE LOCKS

Unit	Stock #	PRICE
KT	080-2124	$613.00

Aluminum Hanger Board: 6 Padlock Lockout Center

Durable, .040″ aluminum 14″ x 14″ board has aluminum pronged hooks to hang padlocks and lockout hasps. Thick molded, clear poly pocket measures 4-3/4″ H x 3-5/8″ W x 2″ D to hold lockout tags. Designed for tough environments. Choose from board only or choose board with kit.

Kit Includes:
• 6 steel padlocks.
• 10 laminated plastic tags - LOCKED OUT DO NOT OPERATE.
• 10 plastic ties.
• 1 standard style scissor hasp, 1″ opening.
• 1 standard style scissor hasp, 1-1/2″ opening.

Description	Unit	Stock #	PRICE
Board with kit	KT	083-2058	$186.23
Board only	EA	083-2057	$62.11

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LOCKOUT/TAGOUT

Aluminum Hanger Board: 12 Padlock Lockout Center

Durable, .040″ aluminum 20″ x 14″ board has aluminum pronged hooks to hang padlocks and lockout hasps. Thick molded, clear poly pocket measures 4-3/4″ H x 3-5/8″ W x 2″ D to hold lockout tags. Designed for tough environments. Choose from board only or board with kit.

Kit Includes:
- 12 steel padlocks, 3/4″ shackle.
- 50 laminated plastic tags - LOCKED OUT DO NOT OPERATE.
- 50 plastic ties.
- 1 standard style scissor hasp, 1″ opening.
- 1 standard style scissor hasp, 1-1/2″ opening.

Description	Unit	Stock #	PRICE
Board with kit	KT	083-2063	$375.83
Board only	EA	083-2059	$71.68

Lockout/Tagout Cabinet Center

Store and transport your lockout devices in an industrial strength cabinet. Lockout/Tagout products are conveniently placed on shelves inside the cabinet. Side hinge door has lockable clasp for added security. All-steel cabinet with two adjustable shelves is powder-coated for a durable, scratch-resistant finish. Measures 16-1/4″ x 15″ x 5-1/2″. There are keyholes in the back for wall mount, and a sturdy handle for transporting to the lockout location. Cabinet only.

Unit	Stock #	PRICE
EA	080-1004	$106.53

Key Cabinet

Heavy-duty steel cabinet contains slotted steel key racks to hold and organize the key tags for an accountability system. When a key is removed, and available 'out' tag is filled out and filed in the same slot to identify the key information. Includes: sequentially numbered - slotted key tags, cross reference sheet, 3 out tags, and a lock location sheet. This 12-1/2″H x 8″W x 2-5/8″D cabinet holds 30 keys (sold separately).

Unit	Stock #	PRICE
EA	273-1689	$96.20

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Padlock Control Box

Store and control access to padlocks used in and around work areas. By having padlocks stored in a readily seen and secure central location, more accountability is possible by controlling their use, assignment, and availability for lockout/tagout situations. Durable 15-1/2″ x 18″ x 2″ steel cabinet is safety red with a hinge door and keylock (with 2 keys). Inside are 18 metal hooks to hang padlocks (sold separately). Padlocks can be signed out with available cardstock tags (sold separately) that hang on the hooks to track user information.

Unit	Stock #	PRICE
EA	080-1003	$152.91

Padlock Out Tag

Sign out padlocks in order to keep safety in the workplace. Made of cardstock, and measures 3″ x 1-1/2″. 100/pack.

Unit	Stock #	PRICE
PK	083-7000	$14.93

Lockout Procedure Station Kit

Document, track, and provide easy access to lockout/tagout procedures in one convenient location. This kit includes the Lockout Procedure Station, Binder, and 25 Lockout Safety Procedure Forms. Two-color, .063″ thick aluminum backboard measures 20″H x 14″W. Powder-coated steel wire rack holds binder and forms.

Unit	Stock #	PRICE
KT	083-7932	$91.11

Original Key-Bak® Self Retracting Reel

Keep keys close and accounted for with this durable pocket size key reel. Features a textured chrome face, stainless steel chain with 24″ extension reach, and a 2″ overall diameter. Holds up to 15 keys. Available with a belt loop or a belt clip.

Description	Unit	Stock #	PRICE
Key reel with belt clip	EA	299-1001	$10.74
Key reel with belt loop	EA	299-1002	$10.74

Prices subject to change.

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Call Customer Service at 800-826-8302

STAINLESS STEEL TABLES

Stainless Steel Tables

These NSF listed durable, heavy duty 304 stainless steel tables are easy to clean, sanitary, and built to last. The frame has all welded seams with an under framed table to, providing a reinforced rugged construction.

The NSF listed polyboard top option can be used on both sides and is easily removable for fast and thorough cleaning.

Tables are available in sizes from 24″ to 36″ wide and 36″ to 120″ long; with or without an under shelf and with our without a 6″ backsplash. Standard height is 3/4″.

- Large 1-5/8″ diameter stainless steel legs provide exceptional strength.
- All frames are welded for strength and durability.
- Guaranteed worksmanship.
- Square tube tabletop frame of stainless steel provides superior stability.
- Adjustable, stainless steel bullet feet are easy to level and completely enclosed; levelers adjust 1-2″.
- Choice of tops: 14-gauge stainless steel for maximum durability or 3/4″ reversible high density polyethylene.
- Optional 6″ backsplash of 14-gauge stainless steel removes easily for cleaning.
- Available with or without 16-gauge lower shelf.
- Add our optional casters for a mobile table.
- Made in the USA.

Nelson-Jameson offers you the widest selection of any of our competitors. You will not find better pricing on tables of this quality. Call us today for price and availability. Custom tables also available at excellent prices. Shipped FOB factory.

Options include casters, upper shelves, drawers, enclosed cabinets, knife racks, scupper hole, and more. Custom sizes are no problem for us. Call for information.

Standard Tables

Size (W x L)	Description	Wt	Unit	Stock #	PRICE
Standard Table/SS Top					
24″ x 3′	Stainless Top	51	EA	315-1203	$474.10
24″ x 4′	Stainless Top	61	EA	315-1204	$560.70
24″ x 5′	Stainless Top	71	EA	315-1205	$645.10
24″ x 6′	Stainless Top	81	EA	315-1206	$730.80
24″ x 7′	Stainless Top	91	EA	315-1207	$887.60
24″ x 8′	Stainless Top	110	EA	315-1208	$974.20
24″ x 10′	Stainless Top	130	EA	315-1209	$1,142.80
30″ x 3′	Stainless Top	56	EA	315-1213	$530.80
30″ x 4′	Stainless Top	68	EA	315-1214	$625.30
30″ x 5′	Stainless Top	80	EA	315-1215	$722.20
30″ x 6′	Stainless Top	92	EA	315-1216	$817.50
30″ x 7′	Stainless Top	112	EA	315-1217	$988.40
30″ x 8′	Stainless Top	123	EA	315-1218	$1,082.10
30″ x 10′	Stainless Top	147	EA	315-1219	$1,275.10
Standard Table/Poly Top					
24″ x 3′	Poly Top	49	EA	315-1403	$453.60
24″ x 4′	Poly Top	59	EA	315-1404	$530.80
24″ x 5′	Poly Top	69	EA	315-1405	$607.30
24″ x 6′	Poly Top	82	EA	315-1406	$686.70
24″ x 7′	Poly Top	93	EA	315-1407	$781.20
24″ x 8′	Poly Top	105	EA	315-1408	$915.10
24″ x 10′	Poly Top	130	EA	315-1409	$1,070.30
30″ x 3′	Poly Top	56	EA	315-1413	$512.80
30″ x 4′	Poly Top	70	EA	315-1414	$601.00
30″ x 5′	Poly Top	86	EA	315-1415	$690.70
30″ x 6′	Poly Top	99	EA	315-1416	$778.90
30″ x 7′	Poly Top	120	EA	315-1417	$889.90
30″ x 8′	Poly Top	130	EA	315-1418	$1,033.20
30″ x 10′	Poly Top	151	EA	315-1419	$1,209.60

Not finding what you need?

Simply give us a call and we can help! We are happy to work with you to identify the best practices and solutions to fit your need.

Prices subject to change.

Standard Tables with Backsplash

Table with Lower Shelf

Shown w/ optional casters

Standard Tables with Backsplash

Standard Table/SS Top w/ Backsplash

Size (W x L)	Description	Wt	Unit	Stock #	PRICE
24" x 3'	Stainless top with backsplash	56	EA	315-1303	$496.20
24" x 4'	Stainless top with backsplash	68	EA	315-1304	$589.10
24" x 5'	Stainless top with backsplash	79	EA	315-1305	$684.40
24" x 6'	Stainless top with backsplash	91	EA	315-1306	$778.90
24" x 7'	Stainless top with backsplash	107	EA	315-1307	$868.70
24" x 8'	Stainless top with backsplash	123	EA	315-1308	$1,018.30
24" x 10'	Stainless top with backsplash	146	EA	315-1309	$1,206.50
30" x 3'	Stainless top with backsplash	62	EA	315-1313	$552.10
30" x 4'	Stainless top with backsplash	75	EA	315-1314	$656.80
30" x 5'	Stainless top with backsplash	88	EA	315-1315	$760.80
30" x 6'	Stainless top with backsplash	101	EA	315-1316	$863.10
30" x 7'	Stainless top with backsplash	117	EA	315-1317	$965.50
30" x 8'	Stainless top with backsplash	136	EA	315-1318	$1,141.90
30" x 10'	Stainless top with backsplash	163	EA	315-1319	$1,349.80

Standard Table/Poly Top w/ Backsplash

Size (W x L)	Description	Wt	Unit	Stock #	PRICE
24" x 3'	Poly top with stainless backsplash	52	EA	315-1503	$504.00
24" x 4'	Poly top with stainless backsplash	63	EA	315-1504	$598.50
24" x 5'	Poly top with stainless backsplash	74	EA	315-1505	$689.90
24" x 6'	Poly top with stainless backsplash	88	EA	315-1506	$782.10
24" x 7'	Poly top with stainless backsplash	102	EA	315-1507	$956.10
24" x 8'	Poly top with stainless backsplash	112	EA	315-1508	$1,047.40
24" x 9'	Poly top with stainless backsplash	139	EA	315-1509	$1,235.70
30" x 3'	Poly top with stainless backsplash	58	EA	315-1513	$567.00
30" x 4'	Poly top with stainless backsplash	74	EA	315-1514	$671.00
30" x 5'	Poly top with stainless backsplash	91	EA	315-1515	$777.40
30" x 6'	Poly top with stainless backsplash	104	EA	315-1516	$878.20
30" x 7'	Poly top with stainless backsplash	127	EA	315-1517	$1,067.20
30" x 8'	Poly top with stainless backsplash	137	EA	315-1518	$1,171.10
30" x 10'	Poly top with stainless backsplash	160	EA	315-1519	$1,379.70

Table with Lower Shelf

Table with Lower Shelf/SS Top

Size (W x L)	Description	Wt	Unit	Stock #	PRICE
24" x 3'	Stainless top with lower shelf	57	EA	315-1223	$534.80
24" x 4'	Stainless top with lower shelf	70	EA	315-1224	$648.90
24" x 5'	Stainless top with lower shelf	83	EA	315-1225	$762.30
24" x 6'	Stainless top with lower shelf	97	EA	315-1226	$878.20
24" x 7'	Stainless top with lower shelf	117	EA	315-1227	$1,047.40
24" x 8'	Stainless top with lower shelf	131	EA	315-1228	$1,162.40
24" x 10'	Stainless top with lower shelf	158	EA	315-1229	$1,391.60
30" x 3'	Stainless top with lower shelf	70	EA	315-1233	$613.60
30" x 4'	Stainless top with lower shelf	81	EA	315-1234	$745.90
30" x 5'	Stainless top with lower shelf	97	EA	315-1235	$878.20
30" x 6'	Stainless top with lower shelf	113	EA	315-1236	$1,015.90
30" x 7'	Stainless top with lower shelf	133	EA	315-1237	$1,204.90
30" x 8'	Stainless top with lower shelf	152	EA	315-1238	$1,337.20
30" x 10'	Stainless top with lower shelf	184	EA	315-1239	$1,605.80

Table with Lower Shelf/Poly Top

Size (W x L)	Description	Wt	Unit	Stock #	PRICE
24" x 3'	Poly top with stainless lower shelf	67	EA	315-1423	$513.50
24" x 4'	Poly top with stainless lower shelf	83	EA	315-1424	$619.90
24" x 5'	Poly top with stainless lower shelf	99	EA	315-1425	$726.10
24" x 6'	Poly top with stainless lower shelf	118	EA	315-1426	$830.10
24" x 7'	Poly top with stainless lower shelf	135	EA	315-1427	$937.20
24" x 8'	Poly top with stainless lower shelf	153	EA	315-1428	$1,095.50
24" x 10'	Poly top with stainless lower shelf	190	EA	315-1429	$1,309.70
30" x 3'	Poly top with stainless lower shelf	74	EA	315-1433	$589.10
30" x 4'	Poly top with stainless lower shelf	94	EA	315-1434	$715.10
30" x 5'	Poly top with stainless lower shelf	116	EA	315-1435	$841.10
30" x 6'	Poly top with stainless lower shelf	135	EA	315-1436	$964.80
30" x 7'	Poly top with stainless lower shelf	162	EA	315-1437	$1,088.40
30" x 8'	Poly top with stainless lower shelf	178	EA	315-1438	$1,267.90
30" x 10'	Poly top with stainless lower shelf	211	EA	315-1439	$1,459.30

Call Customer Service at 800-826-8302

STAINLESS STEEL TABLES

Table with Lower Shelf and Backsplash

Size (W x L)	Description	Wt	Unit	Stock #	PRICE
Table w/ Lower Shelf/SS top w/ Backsplash					
24" x 3'	Stainless top and lower shelf with backsplash	62	EA	315-1323	$560.00
24" x 4'	Stainless top and lower shelf with backsplash	78	EA	315-1324	$682.90
24" x 5'	Stainless top and lower shelf with backsplash	92	EA	315-1325	$793.80
24" x 6'	Stainless top and lower shelf with backsplash	108	EA	315-1326	$916.00
24" x 7'	Stainless top and lower shelf with backsplash	129	EA	315-1327	$1,037.20
24" x 8'	Stainless top and lower shelf with backsplash	145	EA	315-1328	$1,211.20
24" x 10'	Stainless top and lower shelf with backsplash	174	EA	315-1329	$1,449.90
30" x 3'	Stainless top and lower shelf with backsplash	70	EA	315-1333	$631.60
30" x 4'	Stainless top and lower shelf with backsplash	87	EA	315-1334	$766.30
30" x 5'	Stainless top and lower shelf with backsplash	106	EA	315-1335	$906.50
30" x 6'	Stainless top and lower shelf with backsplash	123	EA	315-1336	$1,040.40
30" x 7'	Stainless top and lower shelf with backsplash	139	EA	315-1337	$1,181.30
30" x 8'	Stainless top and lower shelf with backsplash	165	EA	315-1338	$1,371.90
30" x 10'	Stainless top and lower shelf with backsplash	202	EA	315-1339	$1,649.10
Table w/ Lower Shelf/Poly Top w/ Backsplash					
24" x 3'	Poly top with stainless lower shelf and backsplash	70	EA	315-1523	$534.00
24" x 4'	Poly top with stainless lower shelf and backsplash	87	EA	315-1524	$653.70
24" x 5'	Poly top with stainless lower shelf and backsplash	104	EA	315-1525	$769.50
24" x 6'	Poly top with stainless lower shelf and backsplash	124	EA	315-1526	$888.30
24" x 7'	Poly top with stainless lower shelf and backsplash	144	EA	315-1527	$1,064.00
24" x 8'	Poly top with stainless lower shelf and backsplash	160	EA	315-1528	$1,180.60
24" x 10'	Poly top with stainless lower shelf and backsplash	199	EA	315-1529	$1,420.70
30" x 3'	Poly top with stainless lower shelf and backsplash	76	EA	315-1533	$614.30
30" x 4'	Poly top with stainless lower shelf and backsplash	98	EA	315-1534	$752.20
30" x 5'	Poly top with stainless lower shelf and backsplash	121	EA	315-1535	$890.80
30" x 6'	Poly top with stainless lower shelf and backsplash	140	EA	315-1536	$1,029.40
30" x 7'	Poly top with stainless lower shelf and backsplash	169	EA	315-1537	$1,222.20
30" x 8'	Poly top with stainless lower shelf and backsplash	185	EA	315-1538	$1,361.70
30" x 10'	Poly top with stainless lower shelf and backsplash	220	EA	315-1539	$1,637.30

Prices subject to change.

Stainless Steel Utility Table

Use our stainless utility table anywhere you need a sturdy, sanitary surface. From production and packaging areas, to the laboratory, or employee break room. It has a handy lower shelf for storage and a 14-gauge easy to clean stainless steel top. Totally welded construction is guaranteed forever. It has all the features of our larger stainless steel tables, including NSF-listing and USDA acceptance. Options: Other heights and drawers available by special order.

Size	Wt	Unit	Stock #	PRICE
20" x 24" x 31"H	55	EA	315-1240	$352.70

Optional Casters For Stainless Tables

Make any one of our stainless steel tables—including our utility table—into a mobile unit. Gives you great flexibility in your production facilities. 3" casters are plated steel with composition rubber wheels. Tables 8' or longer require set of 6 casters.

Description	Unit	Stock #	PRICE
Set of 4 casters (includes 2 casters w/brakes)	ST	315-1250	$139.10
Set of 6 casters (includes 3 casters w/brakes)	ST	315-1251	$202.20

Polyester Screening

Drainage matting that is more versatile and less expensive than stainless steel screens. This polyester screening uses monofilament fibers, which offer a smooth sanitary surface with good flow capacity and uniform hole size. Although available in a wide variety of mesh sizes and weaves, we recommend the 7.8 mesh with a 2380 micron rating. This offers 53% open area for superior drainage (approximate). For wider pieces, screens may be seamed at the factory. We recommend that all cut edges be finished with 1/2" poly edging to prevent unraveling. Use the HOW TO ORDER chart, or consult with our screening product specialists for help with your specific application.
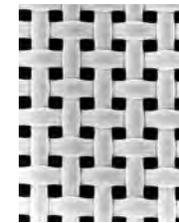
HOW TO ORDER
Polyester Screening

1. Specify **MESH SIZE** in microns. See our recommendation for drainage matting in description.

2. Specify **LENGTH and WIDTH**, as well as your tolerance requirements.

3. Request **FINISHED EDGES**, if desired. Note: full roll width pieces (41" or 56" approximately) require less finishing and, therefore, cost you less

4. Delivery is about 3 weeks, FOB manufacturer.

CUTTING BOARDS

SHEARS

Color-Coded Cutting Boards

Why not color-code your cutting boards to avoid cross-contamination? Simply assign a different color for each specific use. Made of high-density polyethylene, they're great for food handling because they resist staining and absorption. A specially designed surface helps keep knives sharp longer. Boards won't crack or chip. Color goes all the way through. Heat resistant up to 165°F. NSF certified; meets USDA and FDA specifications. Smooth on both sides.

CARLISLE
SANITARY MAINTENANCE PRODUCTS

Color	Wt	Unit	Stock #	PRICE
12" x 18" x 1/2"				
White	3.58	EA	516-7000	$19.21
Red	4	EA	516-7003	$23.65
Yellow	4	EA	516-7007	$23.65
Blue	4	EA	516-7005	$23.65
Green	3.58	EA	516-7009	$23.65
Tan	4	EA	516-7004	$23.65
Purple	4	EA	516-7006	$23.65
18" x 24" x 1/2"				
White	7.28	EA	516-4612	$38.16
Red	7.5	EA	516-4610	$47.30
Yellow	7.5	EA	516-4614	$47.30
Blue	7.5	EA	516-4618	$47.30
Green	7.5	EA	516-4616	$47.30
Tan	7.5	EA	516-4620	$47.30
Purple	7.28	EA	516-4611	$38.16

HOW TO ORDER
Custom Cutting Boards

1 Specify width and length in inches, 1/8" increments.

2 Choose thickness: 1/2", 3/4", or 1" (available in white only.)

3 Select a color: White, Red, Yellow, Blue, Green, Tan, or Purple.

4 Grooved: Yes or No.

5 Corners: Round or Square.

Call customer service and allow 3 weeks for delivery.

Clauss Stainless Steel Shears

Clauss stainless steel shears are available with a straight or bent handle. Bent handled shears have straight blades with a handle that is off-set at an angle allowing the lower blade to stay flat on a cutting surface.

Clauss Stainless Steel Straight Shears

Straight stainless steel shears with ergonomic nylon handles designed for comfort. Long-lasting edges will withstand use. Adjustable tension. Black.

Size	Unit	Stock #	PRICE
9"	EA	407-2028	$10.38

Clauss Stainless Steel Bent Shears

Bent stainless steel shears with ergonomic nylon handles designed for comfort. Long-lasting edges will withstand use. Adjustable tension. Black.

Size	Unit	Stock #	PRICE
8"	EA	407-2022	$12.18
9"	EA	407-2021	$12.81

Clauss Ultraflex Stainless Steel Straight Shears

Ultraflex shears provide a comfortable and lightweight handle. The flexible lower bow is extra large for gloved hands. Adjustable tension. Green.

Size	Unit	Stock #	PRICE
8"	EA	407-2026	$10.59
9"	EA	407-2027	$13.19

Call Customer Service at 800-826-8302

SHEARS

BREAKROOM SUPPLIES

Clauss Ultraflex Stainless Steel Bent Shears

Ultraflex shears provide a comfortable and lightweight handle. The flexible lower bow is extra large for gloved hands. Adjustable tension.

Size	Color	Unit	Stock #	PRICE
9"	Green	EA	407-2024	$12.81
10"	Red	EA	407-2023	$11.19

Sofgrip™ Poultry/Kitchen Shears

Excellent for trimming poultry, cutting cheese cloth, paper & twine, opening bags, snipping herbs, and many other small kitchen tasks. The handle length and 3" cutting blade are designed with the proper leverage to cut through cartilage and small bones. Also works well for trimming fins from whole fish.

- Stainless steel blades.
- Sharp cutting edge.
- Bone notch for cutting through bone/cartilage.
- Detachable blades for easy and thorough cleaning.
- Jar opener.
- Blue/black Sofgrip handle for comfort and sure grip.

Unit	Stock #	PRICE
EA	303-2249	$11.70

Color-Coded Scissors

The offset handles on these scissors make cutting on flat surfaces easier and can be used either right or left handed. Sharp stainless steel blades are ideal for general cutting of most packaging and office materials. 8" overall length.

Color	Unit	Stock #	PRICE
Red	EA	205-4025	$4.88
Blue	EA	205-4020	$9.59
Purple	EA	215-2204	$15.59

Break Room Supplies

Whether your need is cups, silverware or plates, Nelson-Jameson has something to offer. Choose from a variety of popular products for your break room supplies.

Description	Pkg	Unit	Stock #	PRICE
Foam Cups				
6-oz	25 cups/bg, 40 bg/ca	CA	477-2602	$23.97
8-oz	25 cups/bg, 40 bg/ca	CA	477-2110	$26.51
10-oz	25 cups/bg, 40 bg/ca	CA	477-2121	$34.62
12-oz	25 cups/bg, 40 bg/ca	CA	477-2111	$37.15
Plastic Lids for Foam Cups				
White sip thru lid for 8-oz foam cup	1000/ca	CA	477-2308	$23.31
White straw slotted lid for 10-oz foam cup	1000/ca	CA	477-2310	$23.57
White sip thru lid for 12-oz foam cup	1000/ca	CA	477-2312	$27.86
Hot Paper Cups				
8-oz hot cup	50/bg, 20 bg/ca	CA	477-2108	$65.15
12-oz hot cup	50/bg, 20 bg/ca	CA	477-2112	$84.15
Plastic Dome Top for Hot Paper Cups				
Dome lid for 8-oz paper cup	1000/ca	CA	477-2130	$54.11
Dome lid for 12-oz paper cup	1000/ca	CA	477-2131	$58.92
Cone Paper Cup				
6-oz Cone cup	5000/ca	CA	477-2415	$108.56
Translucent Plastic Cups				
5-oz	100 cups/bg, 25 bg/ca	CA	477-2155	$65.41
12-oz	100 cups/bg, 25 bg/ca	CA	477-2022	$32.91
White Medium Weight Polypropylene Silverware				
Fork	1000/ca	CA	477-2401	$9.33
Teaspoon	1000/ca	CA	477-2402	$9.33
Knife	1000/ca	CA	477-2403	$8.93
Soup Spoon	1000/ca	CA	477-2404	$9.12
White Heavy Weight Polyproylene Silverware				
Fork	1000/ca	CA	477-2406	$20.83
Teaspoon	1000/ca	CA	477-2096	$20.83
Knife	1000/ca	CA	477-2408	$28.00
Soup Spoon	1000/ca	CA	477-2405	$17.22
White Paper Plates				
6" dia.	100/bg, 10 bg/ca	CA	477-2009	$16.40
9" dia.	100/bg, 10 bg/ca	CA	477-2011	$26.22
Uncoated Foam Plates				
6" dia.	125/pak, 8 paks/case	CA	477-2126	$24.20
9" dia.	125/pk, 4 pk/ca	CA	477-2118	$21.18

Prices subject to change.

CHEESE & BUTTER TRIERS & CUTTERS

All-Stainless Triers

Imported from Switzerland exclusively by Nelson-Jameson. The fine craftsmanship is evident in every aspect of our all-stainless steel triers. A blade of famed Solingen steel assures the user of its ability to hold an edge. Sharp, slender, and slightly flexible, it pulls a standard plug with ease. Yet this trier is strong enough to sample right through a box or bag. The stainless handle and shaft are well-balanced and provide an exceptionally comfortable grip. And, of course, they are sanitary. Nelson-Jameson triers are suitable for cheese, butter, lard, soap, and similar products.

Trier No.	Typical Uses	Overall Length	Blade Length	Plug Length	Average Plug Diameter	Unit	Stock #	PRICE
1M	Small style cheese	7½"	4¹⁵⁄₁₆"	4¼"	⁷⁄₁₆"	EA	439-2000	$171.75
2M	Blocks and larger wheels	8³⁄₁₆"	5½"	4⅞"	⅝"	EA	439-2002	$168.52
3M	40# Block cheese	8¾"	6⅛"	5⁷⁄₁₆"	¾"	EA	439-2005	$217.81
24M	Barrel cheese & butter	13"	9¾"	8¾"	¾"	EA	439-2010	$264.93
30M	Barrel cheese & butter	16"	12⅝"	11⅞"	¾"	EA	439-2011	$333.09

Leather Trier Scabbard

Triers are as sharp as knives and just as dangerous if left lying around. Protect yourself and your trier with Nelson-Jameson's handcrafted European leather scabbard. Scabbard features top quality materials and careful attention to detail that lives up to the reputation of our triers. Natural tan color.

Fits	Unit	Stock #	PRICE
1M, 2M and 3M	EA	439-2052	$62.79

Dry Milk Trier

For sampling dry milk, flour, or similar powders, try this 20-gauge stainless steel trier. Tapers from 1″ to 1-1/16″ OD. Wooden handle. 34″ overall.

Unit	Stock #	PRICE
EA	439-2234	$148.20

USP White Petrolatum

Used for small sealing tasks, like cheese block plugs after grading, on up to the big jobs, such as sealing 640 blocks before packaging. Kosher.

Description	Wt	Unit	Stock #	PRICE
34 lb/pa	37	PA	557-3535	$142.27
375 lb/dr	408	DR	557-3550	$710.92

Cheese Cutters

All stainless steel construction allows for easy cleaning. Rubber feet prevent sliding on counter tops. Adjustable plate stops cheese from moving, ensuring even cuts. Cut cheese 2 ways: by rotating bar, or lock in place and push cheese through in your choice of cut. Quick-flip handle lets you replace broken wires easily. Stainless steel replacement wires are .022″ in diameter.

- CC-12 cheese cutter is 12" x 12" in size, just the right size for cutting small blocks up to 6″ in height.
- CC-20 cheese cutter is 20" x 20" in size, and allows you to cut many sizes and shapes up to 12″ in height - even 40-lb blocks.

Model	Description	Pkg	Unit	Stock #	PRICE
CC-12	Cheese cutter	1/ea	EA	315-4012	$134.19
6501-010	Replacement wires for CC-12	5/pk	PK	315-4013	$8.30
CC-20	Cheese cutter	1/ea	EA	315-4015	$206.01
6501-011	Replacement wires for CC-20	5/pk	PK	315-4018	$10.20

Quality Droducts.

Oustanding Service.

Industry 9xpertise.

That's Nelson-Jameson, Inc.

Call Customer Service at 800-826-8302

SANITARY CUTLERY

Sani-Safe® Cutlery

Sani-Safe knives offer the weight and balance of wood handled knives with the sanitary advantage of polypropylene. Stain-free, high-carbon stainless steel blades are hand-ground and hand-honed for the sharpest, longest lasting edge.

High-impact "Grip-tex" surface is more slip resistant than other types of handles. For extra safety, most models have extra large molded guards. These handles are also sanitary. Bacteria, acid, moisture, fats, and grease can't penetrate the white, formed, polypropylene handle.
An impervious seal where the super sharp high carbon stainless steel blade enters the rivetless handle provides sanitary protection and withstands the 1000-lb pull test. The high-impact handle assures a lifetime of tough use and resistance to temperature extremes. USDA accepted.

Sani-Safe® Paring Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S104	White	3¼"	12/bx	EA	303-2005	$6.51
S104	Blue	3¼"	12/bx	EA	303-2006	$6.82
S104	Green	3¼"	12/bx	EA	303-2007	$6.82
S104	Red	3¼"	12/bx	EA	303-2008	$6.82
S104	Yellow	3¼"	12/bx	EA	303-2009	$6.82
S104	Tan	3¼"	12/bx	EA	303-2004	$6.82
S104	Purple	3¼"	12/bx	EA	303-2003	$6.82

Sani-Safe® Clip Point Parer Knife

Model	Blade Length	Color	Pkg	Unit	Stock #	PRICE
S107	3¼"	White	12/bx	EA	303-2155	$8.42

Sani-Safe® Scalloped Paring Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S104SC	White	3¼"	12/bx	EA	303-2253	$6.04

Sani-Safe® Canning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S151	White	3½"	12/bx	EA	303-2020	$12.99

Sani-Safe® Clam Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S127	White	3"	12/bx	EA	303-7028	$9.83

Sani-Safe® Scallop Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S124	White	2"	12/bx	EA	303-7019	$12.67

Sani-Safe® Poultry Sticker

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S128	White	3"	12/bx	EA	303-2011	$13.30

Sani-Safe® Sandwich Spreader

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S173	White	3½"	12/bx	EA	303-2035	$9.71
S173	Red	3½"	12/bx	EA	303-2033	$10.38
S173	Yellow	3½"	12/bx	EA	303-2034	$10.38
S173	Blue	3½"	12/bx	EA	303-2032	$10.38
S173	Green	3½"	12/bx	EA	303-7049	$10.37

Prices subject to change.

Production & Material Handling

Sani-Safe® Scalloped Sandwich Spreader

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S173SC	White	3½"	12/bx	EA	303-2030	$10.57
S173SC	Red	3½"	12/bx	EA	303-2038	$11.23
S173SC	Yellow	3½"	12/bx	EA	303-2039	$11.23
S173SC	Blue	3½"	12/bx	EA	303-2036	$11.23
S173SC	Green	3½"	12/bx	EA	303-2037	$11.23

Sani-Safe® Vegetable/Produce Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S185	White	5″	12/bx	EA	303-7031	$16.07
S186	White	6″	6/bx	EA	303-2018	$17.08
S186C	Blue	6″	12/bx	EA	303-2017	$17.94
S186G	Green	6″	12/bx	EA	303-2019	$17.94

Sani-Safe® Boning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
Wide						
S136	White	6"	6/bx	EA	303-2015	$19.66
Narrow						
S136N	Red	6"	6/bx	EA	303-7023	$21.26
S136N	Yellow	6"	6/bx	EA	303-7024	$21.26
S136N	Blue	6"	6/bx	EA	303-7021	$21.26
S136N	Green	6"	6/bx	EA	303-7022	$21.26
S136N	Purple	6"	6/bx	EA	303-2014	$21.26

Sani-Safe® Narrow Breaking Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S132N-8	White	8″	12/bx	EA	303-2415	$29.30
S132N-8	Red	8″	12/bx	EA	303-2418	$30.78
S132N-8	Yellow	8″	12/bx	EA	303-2419	$30.78
S132N-8	Blue	8″	12/bx	EA	303-2416	$30.78
S132N-8	Green	8″	12/bx	EA	303-2417	$30.78

Sani-Safe® Beef Skinner Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
SB12-6	White	6"	6/bx	EA	303-2002	$24.15

Sani-Safe® Scalloped Utility Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S156SC	White	6″	12/bx	EA	303-7030	$15.17
S156SC	Red	6″	12/bx	EA	303-2055	$16.03
S156SC	Yellow	6″	12/bx	EA	303-2056	$16.03
S156SC	Blue	6″	12/bx	EA	303-2053	$16.03
S156SC	Green	6″	12/bx	EA	303-2054	$16.03

Sani-Safe® Scalloped Slicer

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S140-12SC	White	12″	6/bx	EA	303-2080	$33.78
S140-12SC	Red	12″	6/bx	EA	303-2083	$35.30
S140-12SC	Yellow	12″	6/bx	EA	303-2100	$35.30
S140-12SC	Blue	12″	6/bx	EA	303-2081	$35.30
S140-12SC	Green	12″	6/bx	EA	303-2082	$35.30

Sani-Safe® Scalloped Bread Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
8″						
S162-8SC	White	8″	6/bx	EA	303-2090	$19.07
S162-8SC	Red	8″	6/bx	EA	303-2093	$19.89
S162-8SC	Yellow	8″	6/bx	EA	303-2094	$19.89
S162-8SC	Blue	8″	6/bx	EA	303-2091	$19.89
S162-8SC	Green	8″	6/bx	EA	303-2092	$19.89
10″						
S147-10SC	White	10″	6/bx	EA	303-2095	$26.92
S147-10SC	Red	10″	6/bx	EA	303-2098	$28.09
S147-10SC	Yellow	10″	6/bx	EA	303-2099	$28.09
S147-10SC	Blue	10″	6/bx	EA	303-2096	$28.09
S147-10SC	Green	10″	6/bx	EA	303-2097	$28.09

Call Customer Service at 800-826-8302

SANITARY CUTLERY

Sani-Safe® Offset Scalloped Slicer

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S163-9SCY	Yellow	9"	6/bx	EA	303-7036	$21.77

Sani-Safe® Cimeter Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S132-10	White	10"	6/bx	EA	303-2013	$36.04

Sani-Safe® Pizza Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S160-16	White	16"	6/bx	EA	303-2021	$54.89
S160-18	White	18"	6/bx	EA	303-7046	$63.32

Sani-Safe® Cheese Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S118	White	12"	6/bx	EA	303-2010	$50.71

Sani-Safe® Blade Attachment

Converts your 12", 16", or 18" knife into a 2-handled knife. Fits #303-2010, #303-7046, and #303-2021. Just attach it on top.

Model	Pkg	Unit	Stock #	PRICE
S161	6/bx	EA	303-2022	$16.07

Sani-Safe® Two-Handled Cheese Knife

At last, a two-handled cheese knife with sanitary handles. Get the extra cutting leverage you want and the sanitation you need. Slip resistant Sani-Safe handles are made of polypropylene for easy cleaning. 14" blade length.

Model	Color	Pkg	Unit	Stock #	PRICE
S118-14DH	White	2/bx	EA	303-2188	$77.63

Sani-Safe® 10" Cooks Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S145-10	White	10"	6/bx	EA	303-2074	$35.73
S145-10	Red	10"	6/bx	EA	303-2078	$37.84
S145-10	Yellow	10"	6/bx	EA	303-2079	$37.84
S145-10	Blue	10"	6/bx	EA	303-2076	$37.84
S145-10	Green	10"	6/bx	EA	303-2077	$37.84
S145-10	Purple	10"	6/bx	EA	303-2073	$37.84

Sani-Safe® 8" Cooks Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S145-8	White	8"	6/bx	EA	303-2085	$32.42
S145-8	Red	8"	6/bx	EA	303-2088	$34.06
S145-8	Yellow	8"	6/bx	EA	303-2089	$34.06
S145-8	Blue	8"	6/bx	EA	303-2086	$34.06
S145-8	Green	8"	6/bx	EA	303-2087	$34.06
S145-8	Purple	8"	6/bx	EA	303-2071	$34.06

Sani-Safe® Scalloped Cooks Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S145-10SC	White	10"	6/bx	EA	303-7045	$34.64

Basics® Slicing Knife

Stain-free, high carbon steel blade with durable slip resistant polypropylene handle.

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
P94810	White	12"	6/bx	EA	303-7050	$12.60

Prices subject to change.

SANITARY CUTLERY

SofGrip™ Knives

Second-generation Sani-Safe® cutlery features a revolutionary new pliable handle. Ergonomically designed to help reduce stress that can cause carpal tunnel syndrome. Soft-to-the-touch, yet with a firm durable grip. Combining the world's sharpest individually ground and honed stain-free blade. SofGrip knives are simply unbeatable. Made in the USA.

SofGrip™ Skinner Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S12-6MO	White	6"	6/bx	EA	303-2112	$23.33

SofGrip™ Straight Boning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S115-6MO	White	6"	6/bx	EA	303-2115	$20.67

SofGrip™ Curved Boning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S116-6MO	White	6"	6/bx	EA	303-2116	$20.67

SofGrip™ Poultry Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
P152HG	Black	3"	12/bx	EA	303-2351	$10.41

SofGrip™ Utility/Deboning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
P154HG	Black	4½"	12/bx	EA	303-2352	$10.96

Basics® Economy Paring Knife

A favorite on many packaging lines, especially where breakage or walk-off is a problem. These inexpensive little paring knives have a polypropylene handle. Stubby blade gives just the right rigidity. Each knife blade is separately sheathed for safety in shipping. Made in Taiwan.

Model	Description	Color	Blade Length	Pkg	Unit	Stock #	PRICE
P40003	Smooth blade	Black	2¾"	48/bx	EA	303-7006	$1.48

Basics® Economy Scalloped Paring Knife

Our Basics® line of knives brings DEXTER quality at its most affordable. This scalloped paring knife offers performance and value for commercial use.
Features a stain-free, high carbon steel blade with durable, slip resistant white polypropylene handle. Made in Japan. NSF Certified.

Model	Description	Color	Blade Length	Pkg	Unit	Stock #	PRICE
P94846	Scalloped blade	White	3⅛"	12/bx	EA	303-7033	$3.90

Proper Care and Cleaning

Maximize the performance of Sani-Safe® Cutlery by following these guidelines:

1. Cutlery should be hand washed in mild to medium strength detergent and towel dried.

2. Knives should not be placed in automatic dishwashers. The blade edges will be dulled from rubbing against each other, and caustic detergents will cause staining and pitting of the blade.

3. Cutlery should not be soaked for long periods or submerged for cleaning. If soaking cutlery in soap, bleach or chlorine, the soaking should be kept to a minimum, the products rinsed thoroughly and dried immediately.

Chlorine and bleach products discolor and pit stain free and high-carbon steel. If chlorine or bleach products come in contact with the blade, they must be thoroughly rinsed off immediately.

Only frequent and prompt cleaning of cutlery after each use with non-caustic solutions and prompt towel drying will ensure the performance and beauty of superior Sani-Safe products.

Call Customer Service at 800-826-8302

SANITARY CUTLERY

EP Poultry Knives

Designed specifically for the poultry industry, the patented ergo form handle design makes it almost impossible to hold the knife incorrectly. Facilitates a proper ergonomic grip for optimum hand control and greater cutting yields while reducing hand fatigue. Anti-slip handle material and texture repel unsaturated fat, hence less gripping pressure, reducing the tension, stress and fatigue within the hand, wrist and arm for a totally safe, loose, free-form grip.

Patented free cutting blade design cuts smoothly against the bone for more controlled cutting, enhancing yields while exerting less pressure within the cutting motion. New stain-free, high-carbon steel blade for longer lasting and extra edge sharpness. USDA approved handle material. 100% sanitary construction with permanent bond between handle and blade. Made in the USA.

Sani-Safe® Tender/Shoulder/Trim Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
EP151HG	Orange	2½"	12/bx	EA	303-2310	$10.80

Sani-Safe® 3° Drop Point Deboning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
EP153	Orange	3¾"	12/bx	EA	303-2312	$11.04

Sani-Safe® Clip Point Deboning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
EP152HG	Orange	3¼"	12/bx	EA	303-2311	$10.88

Sani-Safe® Utility/Deboning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
EP154HG	Orange	4½"	12/bx	EA	303-2313	$11.39

Sani-Safe® Wide Utility/Deboning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
EP155WHG	Orange	5"	12/bx	EA	303-2314	$14.63

Sani-Safe® Hollow Ground Deboning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
EP156HG	Orange	6"	12/bx	EA	303-2315	$16.03

Sani-Safe® Wide Stiff Boning Knife

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
EP136	Orange	6"	12/bx	EA	303-2316	$16.34

Prices subject to change.

SANITARY CUTLERY

Sani-Safe® Ergonomic Knives

The right angle...the right knives! Ergonomically designed to ease hand and wrist tension that causes carpal tunnel syndrome. Intensively field tested, these revolutionary new knives put the ultra-sharp blade edge at just the right angle for the job. Each knife performs a special cutting task such as trimming, boning, stripping, and ripping on conveyors, tables, or overhead rails. All feature the same stain-free high carbon steel blade and sanitary polypropylene handle you've come to expect from Sani-Safe. Made in the USA.

Sani-Safe® Flex Curved Drop Point Boning Knife

Cutting edge on normal side. In fish processing, use for filleting and trimming; in poultry, for trimming breasts, thighs, and drumsticks. High-visibility Limelite™ green handle.

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
C131F-5DP	Lime Green	5″	6/bx	EA	303-2231	$19.74

Sani-Safe® 18° Forward Right Angle Knife

Cutting edge on normal side. Use for separating drumsticks in poultry processing or cutting strips in fish processing. High-visibility Limelite™ green handle.

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
C136-18°	Lime Green	6″	6/bx	EA	303-2235	$22.31

KNIFE SCABBARD

Knife Scabbards

These plastic and polypropylene knife holders won't dull knives like a metal holder. Knives go in and out easily and noiselessly. Easily cleanable and will not absorb bacteria.

White Polypropylene Knife Scabbard

White polypropylene knife scabbard features a woven belt loop. Select this scabbard for use with 5″ to 8″ boning and filet knives.

Unit	Stock #	PRICE
EA	303-2240	$8.07

White Plastic Scabbard

White plastic scabbard holds 2 to 3 knives up to 8″ long. Has holes for hanging and slots for wearing on a belt. 4-1/2″ wide x 13″ long.

Unit	Stock #	PRICE
EA	364-2005	$16.18

Economical Black Scabbard

Economical black plastic sheath is slotted to fit on a belt. Use for paring knives, canning knives, or other small knives with up to a 4″ blade.

Unit	Stock #	PRICE
EA	303-7013	$2.11

Leather Knife Sheath

Specially designed to fit 5″ and 6″ produce knives. 12/box.

Unit	Stock #	PRICE
EA	303-7032	$7.29

Call Customer Service at 800-826-8302

KNIFE SHARPENERS

SANITARY TOOLS

Traditional™ Butcher Steel

This quality butcher steel has the same type of grip as Sani-Safe® knives, but is in black. Comes with swivel, heavy-duty ring and molded-in guard. Uses heat-treated high-carbon file steel for extra long life. Magnetized to prevent chip fallout. 6/box. Made in the USA.

Unit	Stock #	PRICE
EA	303-2120	$33.55

Accusharp® Knife Sharpener

If you use knives or blades in your food or dairy plant, this is one handy tool you shouldn't be without. Within 10 seconds, the Accusharp puts a razor edge on paring, serrated, fillet, pizza, boning, and butcher knives. Having difficulties finding the right tool to sharpen cutting blades in enclosed vats found in dairy plants? Your search is over—Accusharp works great in sharpening these blades, too.

Loaded with impressive features, this tool is pre-set to sharpen at the proper angle every time. The diamond honed tungsten carbide sharpening blades provide an excellent sharpening finish. The reversible blades give you extended usage. A tough polypropylene guard provides full finger protection from accidental cuts. Manufactured with stainless steel screws that won't rust. Made in the USA. Replacement blades sold separately.

Description	Pkg	Unit	Stock #	PRICE
Sharpener	12/bx	EA	303-2995	$15.88
Replacement blades	2 ea/set	ST	303-2997	$5.42

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Check out our website at nelsonjameson.com

Adjustable 4" Cheese Slicer

Heavy-duty chrome plated handle with aluminum roller, and rust proof adjustable wire. Maximum cutting width of 4".

VOLLRATH®

Unit	Stock #	PRICE
EA	726-6009	$19.82

Cheese Slicer

High-quality, yet inexpensive wire cheese slicer. 4" wide. Aluminum plated handle.

Unit	Stock #	PRICE
EA	545-2005	$4.57

Sani-Safe® Pizza Cutter

The big 4" stainless steel roller is pizzeria size for easy slicing of the crispiest crusts. The Sani-Safe handle is USDA accepted.

Model	Color	Pkg	Unit	Stock #	PRICE
P177A	White	6/bx	EA	303-2024	$24.18
P177A	Red	6/bx	EA	303-2026	$25.74
P177A	Green	6/bx	EA	303-2025	$25.74

Bone Dust Remover

Handy tool to quickly scrape bone fragments from cut meat or remove mold from cheese. Made of tough flexible plastic. White. 4" blade length. 12/box.

Model	Unit	Stock #	PRICE
199S	EA	303-2031	$4.48

Sani-Safe® Pie Knife

Model	Color	Blade Size	Pkg	Unit	Stock #	PRICE
S174	White	4½" x 2¼"	12/bx	EA	303-2257	$15.64

Prices subject to change.

SANITARY TOOLS

Sani-Safe® Hamburger Turner

Model	Color	Blade Size	Pkg	Unit	Stock #	PRICE
S286-4	White	4″ x 3″	6/bx	EA	303-2258	$24.54

Sani-Safe® Pancake Turner

Model	Color	Blade Size	Pkg	Unit	Stock #	PRICE
S172-½	White	4″ x 2½″	6/bx	EA	303-2281	$16.34
S172-½	Red	4″ x 2½″	6/bx	EA	303-2284	$16.34
S172-½	Yellow	4″ x 2½″	6/bx	EA	303-2285	$16.34
S172-½	Blue	4″ x 2½″	6/bx	EA	303-2282	$16.34
S172-½	Green	4″ x 2½″	6/bx	EA	303-2283	$16.34

Sani-Safe® Solid Turner

Model	Color	Blade Size	Pkg	Unit	Stock #	PRICE
S286-8	White	8″ x 3″	6/bx	EA	303-2265	$26.76
S286-8	Red	8″ x 3″	6/bx	EA	303-2268	$26.76
S286-8	Yellow	8″ x 3″	6/bx	EA	303-2269	$26.76
S286-8	Blue	8″ x 3″	6/bx	EA	303-2266	$26.76
S286-8	Green	8″ x 3″	6/bx	EA	303-2267	$26.76

Sani-Safe® Large Perforated Turner

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
PS286-8	White	8″ x 3″	6/bx	EA	303-2270	$26.84
PS286-8	Red	8″ x 3″	6/bx	EA	303-2273	$26.84
PS286-8	Yellow	8″ x 3″	6/bx	EA	303-2274	$26.84
PS286-8	Blue	8″ x 3″	6/bx	EA	303-2271	$26.84
PS286-8	Green	8″ x 3″	6/bx	EA	303-2272	$26.84

Sani-Safe® Offset Spatula

Model	Color	Blade Length	Pkg	Unit	Stock #	PRICE
S284-5B	White	5″	6/bx	EA	303-2042	$12.79

Sani-Safe® Spatulas

Useful for many tasks throughout the food processing plant. Handle is USDA accepted, blade is stainless steel. Made in the USA.

Model	Color	Pkg	Unit	Stock #	PRICE
6″ x 1″ - Not NSF Certified					
S284-6	White	12/bx	EA	303-7007	$12.56
6-1/2″ x 1-1/2″ - NSF Certified					
S284-6½	White	6/bx	EA	303-2040	$14.78
S284-6½R	Red	6/bx	EA	303-2041	$15.56
S284-6½Y	Yellow	6/bx	EA	303-2043	$15.56
S284-6½G	Green	6/bx	EA	303-7047	$15.56
S284-6½B	Blue	6/bx	EA	303-2044	$15.56
8″ x 1-1/2″ - NSF Certified					
S284-8	White	12/bx	EA	303-2045	$16.50
10″ x 1-1/2″ - NSF Certified					
S284-10	White	12/bx	EA	303-2050	$20.01
S284R-10	Red	6/bx	EA	303-2051	$21.02
12″ x 1-1/2″ - NSF Certified					
S284-12	White	6/bx	EA	303-7018	$24.54
14″ x 1-1/2″ - NSF Certified					
S284-14	White	6/bx	EA	303-7016	$29.57

Sani-Safe® Pan Scraper

Use these pan scrapers for various applications throughout your facility - from production to clean-up. The pan scraper features a plastic color-coded handle which is USDA accepted with a 3″ stainless steel blade. The blade has rounded corners to protect surfaces from damage and is slightly flexible. Made in the USA. NSF certified. 12/box.

Model	Color	Pkg	Unit	Stock #	PRICE
S290	White	12/bx	EA	303-2060	$19.00
S290	Blue	12/bx	EA	303-2062	$19.93
S290	Green	12/bx	EA	303-7041	$19.93

Sani-Safe® 3″ Griddle Scrapers

Griddle scraper is stiffer than the pan scraper and has pointed corners. Plastic color-coded handle is USDA accepted. Blade is 3″ wide and made of stain-free high carbon stainless steel. Made in the USA. NSF certified.

Model	Color	Pkg	Unit	Stock #	PRICE
S293	White	12/bx	EA	303-7034	$17.36
S293R	Red	12/bx	EA	303-2067	$17.48
S293Y	Yellow	12/bx	EA	303-2065	$17.48
S293C	Blue	12/bx	EA	303-2064	$17.48
S293G	Green	12/bx	EA	303-2066	$17.48

Call Customer Service at 800-826-8302

SANITARY TOOLS

Sani-Safe® 4" Griddle Scraper

Griddle scraper is stiffer than the pan scraper and has pointed corners. Plastic handle is USDA accepted. Blade is 4" wide and made of stain-free high carbon stainless steel. Made in the USA. NSF certified.

Model	Color	Pkg	Unit	Stock #	PRICE
S294	White	12/bx	EA	303-7029	$19.35

REMCO Stainless Steel Scrapers

Perfect for removing stubborn debris from smooth surfaces. This color-coded stainless steel scraper has a beveled blade and an ergonomic handle, featuring a convenient hole for hanging. Heavy-duty enough to stand up to even your toughest tasks. Made from FDA compliant materials.

Color	Unit	Stock #	PRICE
1.5" Blade Width			
White	EA	690-4034	$7.59
Red	EA	690-4033	$7.59
Yellow	EA	690-4035	$7.59
Blue	EA	690-4032	$7.59
Green	EA	690-4031	$7.59
Black	EA	690-4038	$7.59
Pink	EA	690-4030	$7.59
Orange	EA	690-4036	$7.59
Purple	EA	690-4037	$7.59
3" Blade Width			
White	EA	690-4043	$8.22
Red	EA	690-4042	$8.22
Yellow	EA	690-4044	$8.22
Blue	EA	690-4041	$8.22
Green	EA	690-4040	$8.22
Black	EA	690-4047	$8.22
Pink	EA	690-4039	$8.22
Orange	EA	690-4045	$8.22
Purple	EA	690-4046	$8.22

REMCO Plastic Scrapers

Perfect for pans, vats, tables, and counter tops. Molded from one-piece sturdy polypropylene with no seams or cracks to harbor bacteria. With no sharp edges, it won't scratch or dent stainless steel surfaces. Tapered handle and thumb hole for strong grip. Working temps up to 465°F/240°C. Autoclavable. Made from FDA-compliant materials. Choose from 2 sizes.

Color	Unit	Stock #	PRICE
3"W x 8"L			
White	EA	690-2461	$4.09
Red	EA	690-2463	$4.09
Yellow	EA	690-2465	$4.09
Blue	EA	690-2467	$4.09
Green	EA	690-7003	$4.09
Black	EA	690-2496	$4.09
Orange	EA	690-2498	$4.09
Pink	EA	690-2753	$4.09
Purple	EA	690-2495	$4.09
4-3/8"W x 9-3/4"L			
White	EA	690-2462	$5.04
Red	EA	690-2464	$5.04
Yellow	EA	690-2466	$5.04
Blue	EA	690-2468	$5.04
Green	EA	690-7004	$5.04
Black	EA	690-2497	$5.04
Orange	EA	690-7153	$5.04
Pink	EA	690-2754	$5.04
Purple	EA	690-2491	$5.04

REMCO Color-Coded Metal Detectable Plastic Hand Scrapers

Combines the benefits of color-coded and metal detectable products into one. These scrapers are made from FDA-compliant polypropylene resin, which can be easily identified by standard metal detection equipment. The strong, seamless construction ensures there are no areas to harbor bacteria. The handle features a thumb hole for stronger grip. Works well for pans, vats, tables, or counter tops.
Working temperature range: -22°F to 176°F (-30°C to 80°C).

Color	Unit	Stock #	PRICE
3"W x 8"L			
Light Gray	EA	690-2664	$7.75
Red	EA	690-2663	$7.75
Blue	EA	690-2656	$7.75
Green	EA	690-2665	$7.75
4-3/8"W x 9-3/4"L			
Light Gray	EA	690-2667	$10.10
Red	EA	690-2666	$10.10
Blue	EA	690-2657	$10.10
Green	EA	690-2668	$10.10

Prices subject to change.

SANITARY TOOLS

Metal Detectable Plastic Hand Scrapers

One-piece injection molded metal detectable hand scrapers have no seams or cracks to harbor bacteria. Slotted hang hole in handle allows for hygienic storage between uses. Maximum working temperature of 212°F. Made from FDA-compliant polypropylene.

Color	Size	Unit	Stock #	PRICE
Small - 3"W x 7.87"L				
Light Gray	3"W x 7.87"L	EA	364-7316	$6.24
Red	3"W x 7.87"L	EA	364-7313	$6.24
Yellow	3"W x 7.87"L	EA	364-7315	$6.24
Blue	3"W x 7.87"L	EA	364-7312	$6.24
Green	3"W x 7.87"L	EA	364-7314	$6.24
Black	3"W x 7.87"L	EA	364-7319	$6.24
Orange	3"W x 7.87"L	EA	364-7318	$6.24
Purple	3"W x 7.87"L	EA	364-7317	$6.24
Large - 4"W x 9.65"L				
Light Gray	4"W x 9.65"L	EA	364-7324	$8.79
Red	4"W x 9.65"L	EA	364-7321	$8.79
Yellow	4"W x 9.65"L	EA	364-7323	$8.79
Blue	4"W x 9.65"L	EA	364-7320	$8.79
Green	4"W x 9.65"L	EA	364-7322	$8.79
Black	4"W x 9.65"L	EA	364-7327	$8.79
Orange	4"W x 9.65"L	EA	364-7326	$8.79
Purple	4"W x 9.65"L	EA	364-7325	$8.79

Detectamet

Sani-Safe® Block Scraper

Sani-Safe block scraper can also be used as a baker's dough cutter. Stainless steel blade is 6"W x 3"H. Handle is NSF certified Sani-Safe design with a textured, safe grip. Shrugs off abuse, hot water washing and exposure to harsh cleaners. 12/box. White.

Model	Unit	Stock #	PRICE
S196	EA	303-2029	$10.22

Dexter THE EDGE SINCE 1818

REMCO Bench Scrapers

Unique design with slotted grip is simpler to grasp making it easier on the hands and easier to control. One-piece injection molded with no seams or cracks for bacteria growth. Made from FDA-compliant polypropylene materials. Will not scratch metal surfaces. 5" x 8.5".

Color	Unit	Stock #	PRICE
White	EA	690-2460	$10.25
Red	EA	690-2456	$10.25
Yellow	EA	690-2469	$10.25
Blue	EA	690-2455	$10.25
Green	EA	690-2478	$10.25
Orange	EA	690-2479	$10.25
Pink	EA	690-2752	$10.25
Purple	EA	690-2493	$10.25

REMCO PRODUCTS

REMCO Metal Detectable Bench Scrapers

Designed with a slotted grip, making it simpler to grasp and easier to control. One-piece injection molded with no seams or cracks for bacteria growth. Made from FDA-compliant polypropylene materials. Will not scratch metal surfaces. 5" x 8.5".

Color	Unit	Stock #	PRICE
Light Gray	EA	690-2621	$22.28
Red	EA	690-2622	$22.28
Blue	EA	690-2623	$22.28
Green	EA	690-2624	$22.28

REMCO PRODUCTS

Call Customer Service at 800-826-8302

SANITARY TOOLS

REMCO Mini Bench Scrapers

Perfect for those tight, narrow areas or bench top applications. One-piece injection molded with no seams or cracks to harbor bacteria. Made from FDA-compliant materials. Will not scratch metal surfaces. 3.5″ x 5.5″.

Color	Unit	Stock #	PRICE
White	EA	690-2891	$1.98
Red	EA	690-2892	$1.98
Yellow	EA	690-2893	$1.98
Blue	EA	690-2894	$1.98
Green	EA	690-2895	$1.98

REMCO Metal Detectable Mini Bench Scrapers

Ideal for those tight, narrow areas or bench top applications. One-piece injection molded with no seams or cracks to harbor bacteria. Made from FDA-compliant materials. Will not scratch metal surfaces. 3.5″ x 5.5″.

Color	Unit	Stock #	PRICE
Light Gray	EA	690-2518	$5.60
Red	EA	690-2519	$5.60
Blue	EA	690-2520	$5.60
Green	EA	690-2521	$5.60

Metal Detectable Flexi Scrapers

These metal detectable polypropylene scrapers are ideal for cutting dough, scraping batter or removing food particles from curved or flat surfaces. Slotted hole allows for easy hanging between uses. Approved for food contact.

Color	Unit	Stock #	PRICE
Small - 6.3″ x 4″			
Light Gray	EA	364-7100	$3.35
Red	EA	364-7096	$3.35
Yellow	EA	364-7099	$3.35
Blue	EA	364-7075	$3.36
Green	EA	364-7097	$3.35
Black	EA	364-7095	$3.35
Orange	EA	364-7098	$3.35
Purple	EA	364-7101	$3.36
Large - 8.85″ x 4.7″			
Light Gray	EA	364-7093	$7.41
Red	EA	364-7090	$7.41
Yellow	EA	364-7074	$7.41
Blue	EA	364-7088	$7.41
Green	EA	364-7091	$7.41
Black	EA	364-7089	$7.41
Orange	EA	364-7092	$7.41
Purple	EA	364-7094	$7.40

Metal Detectable Serrated Edge Scrapers

Color-coded, metal detectable, and suitable for a wide range of applications including baking, royal icing, and buttercream icing. Create a smooth finish with the tapered edge, or a textured finish with the serrated edge. Slotted hole for easy hanging between uses. Made from FDA-compliant polypropylene.

Color	Unit	Stock #	PRICE
Small - 4″ x 6.25″			
Light Gray	EA	364-7397	$2.32
Red	EA	364-7390	$2.32
Yellow	EA	364-7391	$2.32
Blue	EA	364-7392	$2.32
Green	EA	364-7393	$2.32
Black	EA	364-7394	$2.32
Orange	EA	364-7395	$2.32
Purple	EA	364-7396	$2.32
Large - 4.5″ x 7.5″			
Light Gray	EA	364-7357	$4.40
Red	EA	364-7350	$4.40
Yellow	EA	364-7351	$4.40
Blue	EA	364-7352	$4.40
Green	EA	364-7353	$4.40
Black	EA	364-7354	$4.40
Orange	EA	364-7355	$4.40
Purple	EA	364-7356	$4.40

Prices subject to change.

METAL DETECTABLE CALIBRATION TOOLS

Metal Detector Calibration Devices

Calibrating your metal detector has never been easier! These metal detector test rods, cards and balls are just a few of the many style of tools available. Please call for availability on test cylinders, whips, sticks, or any special applications.

What is the smallest piece of foreign object that can be detected by a metal detector?

This answer varies greatly. It is dependent upon the material of the contaminant itself, the speed of the line and the moisture content. The height of the detector head from the line is the most critical variable, as sensitivity decreases as height increases.

How do you adjust your metal detectors?

Machines must be calibrated to the food they are processing and then set to a threshold, determined by the company in regards to size of the contaminant they want the detector to reject. The type of product passing through the detector (wet or dry), its size, and speed affect the setting. The metal detector manufacturer can assist with calibration setup.

How do you maintain calibration?

You want to periodically check calibration by passing a known calibration test tool under the unit to check for accuracy. These can be made of ferrous, non-ferrous, or stainless steel, and come in the form of rods, cylinders, balls, whips, cards, and more.

What happens if you don't test your calibration?

The metal detector can allow larger pieces of foreign contaminant to get through compared to the threshold setting threatening the finished product's safety.

Delrin Metal Detector Test Rods

These test rods are made of a virtually indestructible plastic material called delrin. Use to calibrate your metal detector. Rods are red (ferrous), green (non-ferrous), and blue (316 stainless steel) for easy identification. The high-grade certified metal spheres are completely sealed within the rod. 3/8″ square x 6″L.

Size	Unit	Stock #	PRICE		Size	Unit	Stock #	PRICE		Size	Unit	Stock #	PRICE
Ferrous Test Rods					**Non-Ferrous Test Rods**					**316 Stainless Steel Test Rods**			
.5 mm	EA	556-4505	$23.40		.5 mm	EA	556-4605	$23.40		.5 mm	EA	556-4705	$23.40
.8 mm	EA	556-4508	$23.40		.8 mm	EA	556-4608	$23.40		.8 mm	EA	556-4708	$23.40
1.0 mm	EA	556-4510	$23.40		1.0 mm	EA	556-4610	$23.40		1.0 mm	EA	556-4710	$23.40
1.2 mm	EA	556-4512	$23.40		1.2 mm	EA	556-4612	$23.40		1.2 mm	EA	556-4712	$23.40
1.5 mm	EA	556-4515	$23.40		1.5 mm	EA	556-4615	$23.40		1.5 mm	EA	556-4715	$23.40
1.8 mm	EA	556-4518	$23.40		1.8 mm	EA	556-4618	$23.40		1.8 mm	EA	556-4718	$23.40
2.0 mm	EA	556-4520	$23.40		2.0 mm	EA	556-4620	$23.40		2.0 mm	EA	556-4720	$23.40
2.5 mm	EA	556-4525	$23.40		2.5 mm	EA	556-4625	$23.40		2.5 mm	EA	556-4725	$23.40
3.0 mm	EA	556-4530	$23.40		3.0 mm	EA	556-4630	$23.40		3.0 mm	EA	556-4730	$23.40
3.5 mm	EA	556-4535	$23.40		3.5 mm	EA	556-4635	$23.40		3.5 mm	EA	556-4735	$23.40
4.0 mm	EA	556-4540	$23.40		4.0 mm	EA	556-4640	$23.40		4.0 mm	EA	556-4740	$23.40
4.5 mm	EA	556-4545	$23.40		4.5 mm	EA	556-4645	$23.40		4.5 mm	EA	556-4745	$23.40
5.0 mm	EA	556-4550	$23.40		5.0 mm	EA	556-4650	$23.40		5.0 mm	EA	556-4750	$23.40
5.5 mm	EA	556-4555	$23.40		5.5 mm	EA	556-4655	$23.40		5.5 mm	EA	556-4755	$23.40
6.0 mm	EA	556-4560	$23.40		6.0 mm	EA	556-4660	$23.40		6.0 mm	EA	556-4760	$23.40
6.5 mm	EA	556-4565	$23.40		6.5 mm	EA	556-4665	$23.40		6.5 mm	EA	556-4765	$23.40

More Metal Detectable Calibration Tools on the next page...

Call Customer Service at 800-826-8302

METAL DETECTABLE CALIBRATION TOOLS

Metal Detector Test Cards

The compact design of these test cards makes them ideal in many metal detector calibration applications. Test cards are double-sided and made of heavy-duty lamination. 4.25" x 2". Certified metal spheres are completely sealed within the card. Available in ferrous, non-ferrous, and 316 stainless steel.

Size	Unit	Stock #	PRICE
Ferrous Test Cards			
.5 mm	EA	556-2005	$23.40
.8 mm	EA	556-2008	$23.40
1.0 mm	EA	556-2010	$23.40
1.2 mm	EA	556-2012	$23.40
1.5 mm	EA	556-2015	$23.40
1.8 mm	EA	556-2018	$23.40
2.0 mm	EA	556-2020	$23.40
2.5 mm	EA	556-2025	$23.40
3.0 mm	EA	556-2030	$23.40
3.5 mm	EA	556-2035	$23.40
4.0 mm	EA	556-2040	$23.40
Non-ferrous Test Cards			
.5 mm	EA	556-2105	$23.40
.8 mm	EA	556-2108	$23.40
1.0 mm	EA	556-2110	$23.40
1.2 mm	EA	556-2112	$23.40
1.5 mm	EA	556-2115	$23.40
1.8 mm	EA	556-2118	$23.40
2.0 mm	EA	556-2120	$23.40
2.5 mm	EA	556-2125	$23.40
3.0 mm	EA	556-2130	$23.40
3.5 mm	EA	556-2135	$23.40
4.0 mm	EA	556-2140	$23.40
316 Stainless Steel Test Cards			
.5 mm	EA	556-2205	$23.40
.8 mm	EA	556-2208	$23.40
1.0 mm	EA	556-2210	$23.40
1.2 mm	EA	556-2212	$23.40
1.5 mm	EA	556-2215	$23.40
1.8 mm	EA	556-2218	$23.40
2.0 mm	EA	556-2220	$23.40
2.5 mm	EA	556-2225	$23.40
3.0 mm	EA	556-2230	$23.40
3.5 mm	EA	556-2235	$23.40
4.0 mm	EA	556-2240	$23.40

Metal Detector Test Balls

Calibrate your metal detector with these test balls. Made of a virtually indestructible plastic material called delrin. 1" diameter. The high-grade certified metal spheres are completely sealed within the ball. Test balls are red (ferrous), green (non-ferrous), and blue (316 stainless steel) for easy identification.

Size	Unit	Stock #	PRICE
Ferrous (Red)			
0.5 mm	EA	556-6505	$31.20
1.0 mm	EA	556-6510	$31.20
1.5 mm	EA	556-6615	$31.20
2.0 mm	EA	556-6620	$31.20
2.5 mm	EA	556-6525	$31.20
3.0 mm	EA	556-6630	$31.20
Non-Ferrous (Green)			
0.5 mm	EA	556-6305	$31.20
1.0 mm	EA	556-6310	$31.20
1.5 mm	EA	556-6315	$31.20
2.0 mm	EA	556-6320	$31.20
2.5 mm	EA	556-6325	$31.20
3.0 mm	EA	556-6330	$31.20
3.5 mm	EA	556-6335	$31.20
4.0 mm	EA	556-6340	$31.20
316 Stainless Steel (Blue)			
0.5 mm	EA	556-6405	$31.20
1.0 mm	EA	556-6410	$31.20
1.5 mm	EA	556-6415	$31.20
2.0 mm	EA	556-6420	$31.20
2.5 mm	EA	556-6425	$31.20
3.0 mm	EA	556-6430	$31.20

REMCO Metal Detectable Material Test Kit

REMCO PRODUCTS

Test detectability of the REMCO metal detectable products with a piece of material from this kit. Kit features several pieces of varying sizes of material that can be easily broken off for testing. Made of the same FDA compliant polypropylene with semi-ferrous additive as all REMCO metal detectable products. Dark blue color. Working temps -22°F to 76°F. To be used for REMCO metal detectable products only. Not to be use for calibration of metal detectors.

Unit	Stock #	PRICE
EA	690-2609	$6.42

Prices subject to change.

Blue Sterileware® Sense-able Scoops®

X-Ray & Metal Detectable

Complement your extraneous material control program with these sterile, individually wrapped, single-use polystyrene scoops, which are metal and x-ray detectable. The entire scoop is metal detectable. The long handle keeps hands away from your sample. Blue. 100/case.

Mfg Part#	Size	Unit	Stock #	PRICE
H36902-0006	2-oz (60 mL)	CA	010-3600	$123.73
H36904-0006	4-oz (125 mL)	CA	010-3604	$178.26
H36906-0006	8-oz (250 mL)	CA	010-3608	$397.53

SP SCIENCEWARE

Metal Detectable Scoops

These metal detectable lightweight polypropylene scoops are available in a variety of sizes and colors to meet your facility's needs. Choose from four sizes and eight colors. Approved for food contact.

Detectamet

Color	Unit	Stock #	PRICE
Mini - 6-oz capacity (4.3"L x 3.3"W x 1.6"H)			
Light Gray	EA	364-7108	$4.29
Red	EA	364-7104	$4.29
Yellow	EA	364-7107	$4.29
Blue	EA	364-7102	$4.29
Green	EA	364-7105	$4.29
Black	EA	364-7103	$4.29
Orange	EA	364-7106	$4.29
Purple	EA	364-7109	$4.28
Small - 18-oz capacity (5.9"L x 4.3"W x 2.4"H)			
Light Gray	EA	364-7116	$7.22
Red	EA	364-7112	$7.22
Yellow	EA	364-7115	$7.22
Blue	EA	364-7110	$7.22
Green	EA	364-7113	$7.22
Black	EA	364-7111	$7.22
Orange	EA	364-7114	$7.22
Purple	EA	364-7117	$7.23
Medium - 26-oz capacity (7.1"L x 5.3"W x 4"H)			
Light Gray	EA	364-7124	$14.60
Red	EA	364-7120	$14.60
Yellow	EA	364-7123	$14.60
Blue	EA	364-7118	$14.60
Green	EA	364-7121	$14.60
Black	EA	364-7119	$14.60
Orange	EA	364-7122	$14.60
Purple	EA	364-7125	$14.59
Large - 35-oz capacity (8.9"L x 5.5"W x 3.3"H)			
Light Gray	EA	364-7132	$21.07
Red	EA	364-7128	$21.07
Yellow	EA	364-7131	$21.07
Blue	EA	364-7126	$21.07
Green	EA	364-7129	$21.07
Black	EA	364-7127	$21.07
Orange	EA	364-7130	$21.07
Purple	EA	364-7133	$21.07

Metal Detectable Flat Sided Scoops

Choose from a variety of colors for these large capacity scoops. They offer lightweight, durable, color-coded, and metal detectable features. Pint and mL graduations on the inside, with a 3.5 pint/2L capacity. Made from FDA-compliant polypropylene. Depth: 6-3/4". Opening 6-3/4" x 4".

Detectamet

Color	Unit	Stock #	PRICE
Light Gray	EA	364-7387	$22.52
Red	EA	364-7380	$22.52
Yellow	EA	364-7381	$22.52
Blue	EA	364-7165	$22.52
Green	EA	364-7382	$22.52
Black	EA	364-7383	$22.52
Orange	EA	364-7384	$22.52
Purple	EA	364-7385	$22.52

REMCO Color-Coded Metal Detectable Plastic Scoops

The benefits of a color-coded and metal detectable scoop in one. Made from FDA-compliant polypropylene resin, these scoops can be easily identified by standard metal detection equipment. Their tough construction makes these one-piece scoops ideal for a variety of applications. Features a convenient hook for hanging.

REMCO PRODUCTS

Color	Unit	Stock #	PRICE
32-oz Capacity - 11.5"L x 5"W x 2.75"D			
Light Gray	EA	690-2670	$21.41
Red	EA	690-2669	$21.41
Blue	EA	690-2654	$21.41
Green	EA	690-2671	$21.41
82-oz Capacity - 15"L x 6.5"W x 3.5"D			
Light Gray	EA	690-2673	$29.56
Red	EA	690-2672	$29.56
Blue	EA	690-2655	$29.56
Green	EA	690-2674	$29.56

Call Customer Service at 800-826-8302

SCOOPS

REMCO Plastic Scoops

Ideal for bulk ingredients. Tough, one-piece, injection molded polypropylene construction. Features a convenient hook for hanging. Material won't rust or corrode. Autoclavable. Made from FDA-compliant materials.

REMCO
PRODUCTS

Color	Unit	Stock #	PRICE
16-oz Capacity - 10.25″L x 3.5″W x 2.25″D			
White	EA	690-2302	$3.41
Red	EA	690-2303	$3.41
Yellow	EA	690-2304	$3.41
Blue	EA	690-2305	$3.41
Green	EA	690-2306	$3.41
Orange	EA	690-2307	$3.41
Purple	EA	690-2308	$3.41
32-oz Capacity - 11.5″L x 5″W x 2.75″D			
White	EA	690-2440	$4.40
Red	EA	690-2442	$4.40
Yellow	EA	690-2443	$4.40
Blue	EA	690-2441	$4.40
Green	EA	690-7008	$4.40
Orange	EA	690-2501	$4.40
Pink	EA	690-2757	$4.40
Purple	EA	690-2502	$4.40
82-oz Capacity - 15″L x 6.5″W x 3.5″D			
White	EA	690-2446	$5.30
Red	EA	690-2448	$5.30
Yellow	EA	690-2449	$5.30
Blue	EA	690-2447	$5.30
Green	EA	690-2445	$5.30
Orange	EA	690-2444	$5.30
Pink	EA	690-2451	$5.30
Purple	EA	690-2450	$5.30

REMCO Mega Scoops

With a huge 128-ounce capacity, this scoop is the largest we offer. Molded-in one piece of thick-walled polypropylene, they are extremely durable and make quick work of moving all kinds of bulk material. Made from FDA-compliant materials. Autoclavable. 11″L x 9″W x 7″H.

REMCO
PRODUCTS

Color	Unit	Stock #	PRICE
White	EA	690-2160	$10.92
Red	EA	690-2161	$10.92
Yellow	EA	690-2162	$10.92
Blue	EA	690-2163	$10.92
Green	EA	690-2164	$10.92
Orange	EA	690-2184	$10.92

Rubbermaid® Bouncer® Scoops

Almost indestructible, these high-quality scoops are constructed of Rubbermaid's clear Carb-X® material. With a temperature range of -50° to 212°F, they can withstand freezer cold and steam cleaning heat temperatures. Designed for better weight distribution and improved handling. Pebbled outer surface and smooth inside for easy cleaning. Certified to NSF Std. #2.

Rubbermaid®
Commercial Products

Mfg Part#	Size	Unit	Stock #	PRICE
2882	6-oz	EA	440-2395	$6.62
2884	32-oz	EA	440-2399	$11.49
2886	64-oz	EA	440-2401	$12.85

Rubbermaid® Utility Scoop

White polyethylene scoop with a unique functional square design that lets you scoop clear to the bottom. It's flexible to resist breaking or cracking. 2-quart (64-oz) capacity is graduated in half pints. Smooth surface inside and out is easy to keep clean. 6/case.

Rubbermaid®
Commercial Products

Mfg Part#	Unit	Stock #	PRICE
2885	EA	440-2400	$8.17

Large Stainless Steel Scoop

VOLLRATH

Sanitary and long-lasting. This scoop is NSF certified and holds over a quart in its 5-1/4″L x 7-7/8″W bowl. 4″L handle. 304 stainless steel.

Size	Pkg	Unit	Stock #	PRICE
52-oz	6/cs	EA	726-6065	$92.71

Prices subject to change.

SCOOPS

Small Stainless Steel Scoop

Sanitary and long-lasting. 5-1/2 oz scoop with a 5″L x 2-1/2″W bowl. 4.5″L handle. 304 stainless steel.

Size	Pkg	Unit	Stock #	PRICE
5½-oz	24/cs	EA	726-6008	$6.39

Stainless Steel Scoops

You will find many uses for these heavy gauge 304 stainless steel scoops in the food processing industry. Capacity ranges from 8-oz to 160-oz. Polished finish. NSF certified.

Capacity	Bowl Size	Handle Length	Unit	Stock #	PRICE
8-oz/½ pint	2¾″ x 4″	4″	EA	130-2001	$55.40
16-oz/½ quart	3⅜″ x 5⅛″	4″	EA	130-2002	$60.29
32-oz/1 quart	4¼″ x 6⅝″	4″	EA	130-2003	$65.18
64-oz/2 quart	5″ x 8¼″	4″	EA	130-2004	$96.62
96-oz/3 quart	5¼″ x 9½″	4½″	EA	130-2005	$100.65
128-oz/4 quart/1 gallon	6¼″ x 8½″	4½″	EA	130-2006	$106.69
160-oz/5 quart	8″ x 10″	5″	EA	130-2007	$120.78

COLUMBIA PRODUCTS

MEASURES

Metal Detectable Measuring Cups

Stackable for easy storage and transport with internal graduations in pints, ounces, and mL. Made from FDA-compliant polypropylene.

Color	Unit	Stock #	PRICE
Small - 1 Liter/2 Pints, 4¾″ D x 5″ H			
Light Gray	EA	364-7367	$9.06
Red	EA	364-7368	$9.06
Yellow	EA	364-7361	$9.06
Blue	EA	364-7168	$9.06
Green	EA	364-7360	$9.06
Black	EA	364-7362	$9.06
Orange	EA	364-7363	$9.06
Purple	EA	364-7364	$9.06
Large - 2 Liters/4.2 Pints, 6″ D x 6″ H			
Light Gray	EA	364-7377	$13.28
Red	EA	364-7370	$13.28
Yellow	EA	364-7371	$13.28
Blue	EA	364-7169	$13.28
Green	EA	364-7372	$13.28
Black	EA	364-7373	$13.28
Orange	EA	364-7374	$13.28
Purple	EA	364-7375	$13.28

Stainless Steel Graduated Measures

Sturdy stainless measures with many uses. Four sizes available, from pint to gallon size. Stainless handle for ease in handling. Easy-to-read graduations in both ounces and cc's on inside. 6/case.

Capacity	Graduates	Unit	Stock #	PRICE
16-oz/500 cc	2-oz/50 cc	EA	726-6080	$44.98
32-oz/1000 cc	2-oz/100 cc	EA	726-6085	$58.46
64-oz/2000 cc	4-oz/100 cc	EA	726-6090	$70.32
132-oz/4000 cc	4-oz/200 cc	EA	726-6095	$76.59

Accu-Pour™ Measuring Cups

Made from food-grade polypropylene that is durable and will not shatter or break. Resistant to a wide variety of chemicals. Raised graduations in both ounces and milliliters.

Capacity	Graduations	Unit	Stock #	PRICE
8-oz/250 mL/1 cup	0.5 mL/0.25-oz	EA	424-6008	$4.60
16-oz/500 mL/1 pint	10 mL/0.5-oz	EA	424-6016	$5.70
32-oz/1 L/1000 mL/1-qt	10 mL/0.5-oz	EA	424-6032	$6.68
64-oz/2 L/2000 mL/2-qt	50 mL/1-oz	EA	424-6064	$8.58
128-oz/4 L/4-qt/1-gal	100 mL/2-oz	EA	424-6128	$12.40

Call Customer Service at 800-826-8302

MEASURES

Rubbermaid® Bouncer® Measuring Cups

Tough and crystal clear for fast, easy identification of contents. Made of durable break-resistant polycarbonate, they won't dent, rust or pit like metal cups. Permanently bonded graduated measurements for quick, accurate reading: English units in red on one side and metric in blue on the other. Extra large handles are designed for comfort when pouring, scooping, or measuring hot liquids or heavy food products. Certified to NSF Std. #2. BPA free. Temperature rating: -40°F/-40°C to 212°F/100°C.

Mfg Part#	Capacity	Graduations	Pkg	Unit	Stock #	PRICE
3210	8-oz/225 ml/1 cup	1-oz/25 mL	12/ca	EA	440-2442	$7.00
3215	16-oz/470 mL/2 cup	1-oz/25 mL	6/ca	EA	440-2443	$12.09
3216	32-oz/980 mL/4 cup/1-qt	2-oz/50 mL	6/ca	EA	440-2444	$13.42
3217	64-oz/1900 mL/8 cup	4-oz/125 mL/⅛ L	6/ca	EA	440-2445	$18.31
3218	1-gal/3.8 L/4-qt	½-qt/½ L	6/ca	EA	440-2446	$19.88

PADDLE SCRAPERS & SPATULAS

REMCO Mixing Paddle Scrapers

One-piece polypropylene construction is ideal for mixing or scraping in many food manufacturing applications. Working temperature range: -22°F/-30°C to 176°F/80°C. Intermittent use may increase temperature range. Made from FDA-compliant materials. Blade measures 6″ x 13″.

Color	Unit	Stock #	PRICE
40″ Length with Holes			
White	EA	690-2505	$45.76
Red	EA	690-2506	$45.76
Yellow	EA	690-2507	$45.76
Blue	EA	690-2508	$45.76
Green	EA	690-2509	$45.76
40″ Length without Holes			
White	EA	690-2510	$45.76
Red	EA	690-2511	$45.76
Yellow	EA	690-2512	$45.76
Blue	EA	690-2513	$45.76
Green	EA	690-2514	$45.76
52″ Length with Holes			
White	EA	690-2531	$49.90
Red	EA	690-2532	$49.90
Yellow	EA	690-2533	$49.90
Blue	EA	690-2534	$49.90
Green	EA	690-2535	$49.90
52″ Length without Holes			
White	EA	690-2540	$49.90
Red	EA	690-2541	$49.90
Yellow	EA	690-2542	$49.90
Blue	EA	690-2543	$49.90
Green	EA	690-2544	$49.90

REMCO Color-Coded Metal Detectable Mixing Paddle Scrapers

Now you can color-code your metal detectable paddle scrapers. These one-piece metal detectable mixing paddles are easy to clean and virtually unbreakable. Working temperature range: -22°F/-30°C to 176°F/80°C. Made from FDA-compliant materials. Blade measures 6″ x 13″. Overall length 52″.

Color	Unit	Stock #	PRICE
Light Gray	EA	690-2676	$117.25
Red	EA	690-2675	$117.25
Blue	EA	690-2600	$117.25
Green	EA	690-2677	$117.25

VIKAN Paddle Scrapers

Whether you need a flexible or rigid paddle scraper for mixing, stirring or scraping applications, we have you covered! These scrapers are available in five colors to enhance your color-coded program. The flexible polyethylene scraper makes easy clean-up of curved surfaces whereas the rigid blade is ideal for scraping. Made from FDA-compliant materials. Use with any color-coded Euro-thread handle to create the ideal paddle scraper for your application. Handles sold separately.

Color	Unit	Stock #	PRICE
Rigid Nylon- 4.5″W x 6″H			
White	EA	690-2470	$15.22
Red	EA	690-2476	$15.22
Yellow	EA	690-2477	$15.22
Blue	EA	690-2475	$15.22
Green	EA	690-2474	$15.22
Flexible Polyethylene- 4.5″W x 6″H			
White	EA	690-2473	$15.22
Red	EA	690-2489	$15.22
Yellow	EA	690-2490	$15.22
Blue	EA	690-2488	$15.22
Green	EA	690-2487	$15.22

Prices subject to change.

Sparta® Spatulas and Paddle Scrapers

Perform double-duty as spatulas for virtually every type of dairy and food processing operation. Each scraper is light, easy to handle, and absolutely sanitary. Even with hard use they won't scratch, leave black marks, or get dull. All models rinse clean and remain odor free. They are fully accepted by sanitation and health authorities. Most models feature a semi-rigid nylon blade for superior scraping action. But we also stock a model with a soft poly-ethylene blade that conforms to irregular surfaces. Blades are interchangeable. Replacement handles (female thread) and blades (male thread) are available.

CARLISLE
SANITARY MAINTENANCE PRODUCTS

Blade Material	Blade Size	Handle	Unit	Stock #	PRICE
Complete Spatulas & Paddle Scrapers					
13-1/2″ OAL					
Nylon, white	4½″ x 7″	Plastic	EA	618-6093	$25.54
Nylon, red	4½″ x 7″	Plastic	EA	618-7179	$25.54
Soft, white	4½″ x 7″	Plastic	EA	618-7231	$24.00
40″ OAL					
Nylon, white	4½″ x 7″	Plastic	EA	618-6094	$33.92
Nylon, yellow	4½″ x 7″	Plastic	EA	618-7267	$33.92
Nylon, red	4½″ x 7″	Plastic	EA	618-7309	$33.92
48″ OAL					
Nylon, white	4½″ x 7″	Plastic	EA	618-6616	$35.08
Nylon, white	4½″ x 7″	Stainless	EA	618-6628	$110.13
Large nylon	6½″ x 9″	Stainless	EA	618-6640	$123.07
60″ OAL					
Soft, white	4½″ x 7″	Plastic	EA	618-7428	$37.24
72″ OAL					
Nylon, white	4½″ x 7″	Stainless	EA	618-6629	$128.09
Large nylon	6½″ x 9″	Stainless	EA	618-6641	$148.18
Replacement Blades					
Soft, white	4½″ x 7″	-	EA	618-6620	$18.01
Nylon, white	4½″ x 7″	-	EA	618-6630	$17.00
Nylon, white	6½″ x 9″	-	EA	618-6643	$24.21
Replacement Handles					
-	-	Plastic, 7″L	EA	618-6580	$10.85
-	-	Plastic, 33″L	EA	618-6574	$15.71
-	-	Plastic, 54″L	EA	618-7183	$17.69
-	-	Stainless, 43″L	EA	618-7091	$66.51
-	-	Stainless, 67″L	EA	618-6214	$88.64

Rubbermaid® High Heat Scrapers and Spoon Spatulas

Heat resistant up to 500°F/ 260°C and dishwasher safe. Non-scratching, stain resistant blade with cool-touch handle. Certified to NSF Std. #2. White with red handle. 24/pack.

Rubbermaid®
Commercial Products

Mfg Part #	Size	Unit	Stock #	PRICE
High Heat Scrapers				
1962	9½"	EA	440-7036	$12.54
1963	13½"	EA	440-2218	$16.28
High Heat Spoon Spatulas				
1966	9½"	EA	440-2220	$12.54
1967	13½"	EA	440-2224	$16.28
1968	16½″	EA	440-2223	$20.95

Rubbermaid® Cold Scrapers and Spoon Spatulas

Seamless construction prevents bacteria or dirt build-up. These scrapers are built to last with a flexible blade molded onto the handle for a permanent bond. Commercial dishwasher safe. Certified to NSF Std. #2 White. 36/pack.

Rubbermaid®
Commercial Products

Mfg Part#	Size	Unit	Stock #	PRICE
Scrapers				
1901	9½"	EA	440-2205	$2.52
1905	13½"	EA	440-7031	$4.46
1906	16½"	EA	440-2210	$5.83
Spoon Spatulas				
1933	9½"	EA	440-2215	$3.31
1934	13½"	EA	440-2216	$5.63
1938	16½"	EA	440-2217	$6.41

REMCO Food Hoe

Made from nylon, our food hoe has the strength to move almost any type of product without breaking under pressure. Will handle difficult tasks with ease and without damaging your equipment. Maximum working temperature 300°F. Made from FDA-compliant materials. Requires a Euro-thread handle, sold separately. 11″W x 8″H.

REMCO
PRODUCTS

Color	Unit	Stock #	PRICE
White	EA	690-2170	$29.19
Red	EA	690-2174	$29.19
Yellow	EA	690-2173	$29.19
Blue	EA	690-2171	$29.19
Green	EA	690-2172	$29.19

Call Customer Service at 800-826-8302

SCRAPERS

SQUEEGEES

REMCO Nylon Scrapers

Beveled edges for better scraping ability. Nylon blade will not damage floors or machines. Made from FDA-compliant materials. Use with Euro-thread handle (sold separately).
10.25"W x 7"H.

Color	Unit	Stock #	PRICE
White	EA	690-2353	$28.65
Red	EA	690-2352	$28.65
Yellow	EA	690-2354	$28.65
Blue	EA	690-2351	$28.65
Green	EA	690-2350	$28.65
Black	EA	690-2355	$28.65

VIKAN Stainless Steel Floor Scrapers

Design features a stainless steel blade that is secured by a one-piece molded polypropylene head for removing stubborn dirt. Made from FDA-compliant materials. Uses Euro-thread handles, sold separately. Available in 6 colors to complement your color-coded program. 10.25"W.

Color	Unit	Stock #	PRICE
White	EA	690-2154	$28.97
Red	EA	690-2152	$28.97
Yellow	EA	690-2153	$28.97
Blue	EA	690-2151	$28.97
Green	EA	690-2150	$28.97
Black	EA	690-2143	$28.97

Euro-Hhread <andles can be found on page 420...

VIKAN Single Blade Ultra Hygiene Squeegee

The ultra-hygienic fully molded single-blade squeegee is ideal for use in areas requiring the highest level of hygiene. Improved design features smooth and rounded surfaces which provide better hygiene and easier cleaning. The elongated body reduces wear and tear on the ends of the flexible rubber blade to enhance durability and efficiency. Autoclavable at temperatures up to 250°F/121°C. Made from FDA-compliant materials. Requires Euro-thread handle. Sold separately.

Color	Unit	Stock #	PRICE
10" Wide Bench Squeegee w/ 6.5" Handle			
White	EA	690-7184	$17.87
Red	EA	690-7183	$17.87
Yellow	EA	690-7185	$17.87
Blue	EA	690-7182	$17.87
Green	EA	690-7181	$17.87
Orange	EA	690-7186	$17.87
Pink	EA	690-7187	$17.87
Purple	EA	690-7188	$17.87
16" Blade			
White	EA	690-7193	$23.65
Red	EA	690-7192	$23.65
Yellow	EA	690-7194	$23.65
Blue	EA	690-7191	$23.65
Green	EA	690-7190	$23.65
Black	EA	690-7198	$23.65
Orange	EA	690-7196	$23.65
Pink	EA	690-7195	$23.65
Purple	EA	690-7197	$23.65
20" Blade			
White	EA	690-7203	$25.17
Red	EA	690-7202	$25.17
Yellow	EA	690-7204	$25.17
Blue	EA	690-7200	$25.17
Green	EA	690-7199	$25.17
24" Blade			
White	EA	690-7208	$31.33
Red	EA	690-7207	$31.33
Yellow	EA	690-7209	$31.33
Blue	EA	690-7206	$31.33
Green	EA	690-7205	$31.33
Black	EA	690-7213	$31.33
Orange	EA	690-7216	$31.33
Pink	EA	690-7215	$31.33
Purple	EA	690-7212	$31.33
28" Blade			
White	EA	690-2721	$40.61
Red	EA	690-2719	$40.61
Yellow	EA	690-2727	$40.61
Blue	EA	690-7218	$40.61
Green	EA	690-7217	$40.61

Prices subject to change.

SQUEEGEES

SHOVELS

VIKAN Double Blade Ultra Hygiene Squeegee

Easy to clean double rubber blades will harbor less bacteria than double foam squeegees. Features two blades in a replaceable cassette for quick and easy blade replacement. Autoclavable at temperatures up to 250°F/121°C. Made from FDA-compliant materials. Handle sold separately (unless noted otherwise). Requires Euro-thread handle.

Color	Unit	Stock #	PRICE
10" Wide Bench Squeegee w/6.5" Handle			
White	EA	690-7510	$16.49
Red	EA	690-7410	$16.49
Yellow	EA	690-7610	$16.49
Blue	EA	690-7310	$16.49
Green	EA	690-7210	$16.49
10" Wide Refill Blade Cartridge			
White	EA	690-7511	$9.48
Red	EA	690-7411	$9.48
Yellow	EA	690-7611	$9.48
Blue	EA	690-7311	$9.48
Green	EA	690-7211	$9.48
20" Wide Squeegee			
White	EA	690-7520	$31.91
Red	EA	690-7420	$31.91
Yellow	EA	690-7620	$31.91
Blue	EA	690-7320	$31.91
Green	EA	690-7220	$31.91
20" Wide Refill Blade Cartridge			
White	EA	690-7521	$15.96
Red	EA	690-7421	$15.96
Yellow	EA	690-7621	$15.96
Blue	EA	690-7321	$15.96
Green	EA	690-7221	$15.96
24" Wide Squeegee			
White	EA	690-7524	$34.54
Red	EA	690-7424	$34.54
Yellow	EA	690-7624	$34.54
Blue	EA	690-7324	$34.54
Green	EA	690-7224	$34.54
Black	EA	690-7724	$34.54
Orange	EA	690-7824	$34.54
24" Wide Refill Blade Cartridge			
White	EA	690-7525	$18.48
Red	EA	690-7425	$18.48
Yellow	EA	690-7625	$18.48
Blue	EA	690-7325	$18.48
Green	EA	690-7225	$18.48
Black	EA	690-7725	$18.48
Orange	EA	690-7825	$18.48

Stainless Steel Shovels

Stainless steel shovels handle extra heavy materials without problems. Solid shovel is electroplated and has enclosed backside - no more cracks or crevices that can trap debris and bacteria.

Description	Size	Unit	Stock #	PRICE
11-1/2"W x 15-1/2"D Blade - 40" Length				
Perforated	15-1/2"L x 11-1/2"W, 40" Blade length	EA	162-2027	$905.52
10.5"W x 14"D Blade - 39" Length				
Solid	10.5"W x 14"D Blade - 39" Length	EA	130-2207	$193.04

REMCO Plastic Shovels

Complete your color-coded system with our rigid yet lightweight polypropylene shovels. Sturdy one-piece construction is perfect for handling hefty loads. Smooth finish for easy clean-up. Deep bucket for extra capacity and an edged blade for easy scooping. Chemical and corrosion resistant. Working temperature range: -22°F/-30°C to 176°F/80°C. Intermittent use may increase temperature range. Made from FDA-compliant materials.

Color	Unit	Stock #	PRICE
11"W x 14"D Blade - 38" Length			
White	EA	690-2005	$38.25
Red	EA	690-2006	$38.25
Yellow	EA	690-7001	$38.25
Blue	EA	690-2007	$38.25
Green	EA	690-7007	$38.25
14"W x 17"D Blade - 42" Length			
White	EA	690-2010	$40.59
Red	EA	690-2011	$40.59
Yellow	EA	690-7000	$40.59
Blue	EA	690-2012	$40.59
Green	EA	690-2013	$40.59
Black	EA	690-7002	$40.59
Orange	EA	690-2197	$40.59
Pink	EA	690-2755	$40.59
Purple	EA	690-2141	$40.59

Call Customer Service at 800-826-8302

SHOVELS

REMCO Color-Coded Metal Detectable Plastic Shovels

The benefits of a color-coded and metal detectable product in one. These shovels are made from FDA-compliant polypropylene resin, which can be easily identified by standard metal detection equipment. The tough one-piece construction of these detectable shovels will hold up on the job, and the D-style handle aids in comfort and control. Smooth finish for easy clean-up. Working temperature range: -22°F/-30°C to 176°F/80°C.

Color	Unit	Stock #	PRICE
11"W x 14"D Blade - 38" Length			
Light Gray	EA	690-2653	$112.28
Red	EA	690-2652	$112.28
Blue	EA	690-2650	$112.28
Green	EA	690-2658	$112.28
14"Wx 17"D Blade - 42" Length			
Light Gray	EA	690-2661	$153.03
Red	EA	690-2659	$153.03
Blue	EA	690-2651	$153.03
Green	EA	690-2662	$153.03

VIKAN Ergonomic Shovels

Ergonomic and lightweight, the design of this plastic shovel reduces strain when lifting from floor level. Features an extended handle length and D-grip. Made from FDA-compliant materials. Working temperature range: -22°F/-30°C to 176°F/80°C.

Color	Unit	Stock #	PRICE
10.25" x 11" x 50"L - Small Blade			
White	EA	690-2014	$61.87
Red	EA	690-2177	$61.87
Yellow	EA	690-2178	$61.86
Blue	EA	690-2176	$61.87
Green	EA	690-2175	$61.87
13.5" x 12.5" x 51"L - Large Blade			
White	EA	690-7032	$65.52
Red	EA	690-7067	$65.52
Yellow	EA	690-7156	$65.52
Blue	EA	690-7081	$65.52
Green	EA	690-7151	$65.52
Black	EA	690-7157	$65.52

REMCO Dual-Grip One-Piece Ergonomic Shovels

This unique shovel is made from FDA-compliant materials and features injection-molded polypropylene construction. The innovative design features an extra wide D-grip allowing for 2-handled grip for push applications and a secondary blade grip for lifting and maneuvering heavy loads. Also features non-skid textured handle and deep scoop capacity. Blade size: 14"W x 18"L. 48" overall length. Working temperature range: -22°F/-30°C to 176°F/80°C.

Color	Stock #	DF =79
White	690-2021	$47.52
Red	690-2020	$47.52
Yellow	690-2022	$47.52
Blue	690-2019	$47.52
Green	690-2018	$47.52

Stainless Steel Forks

Constructed entirely of electropolished stainless steel. The curd fork tines have looped ends and the meat fork tines are pointed. NSF Standard 2 certified.

Description	Length	Unit	Stock #	PRICE
Curd fork, 5 tines	44"	EA	130-2076	$194.85
Meat fork, 5 tines (12")	44"	EA	176-2010	$186.79
Meat fork, 4 tines (12")	44"	EA	176-7000	$177.90

VIKAN Plastic Fork

Lightweight injection molded polypropylene forks offer a cost-effective alternative to stainless steel. 49"L D-grip handle. Made from FDA-compliant materials. Average tine spacing: 1.625". Average tine diameter: 0.625". 10.5"W x 10.5"L tines. White.

Unit	Stock #	PRICE
EA	690-2966	$96.77

Prices subject to change.

CHEESE MAKING ACCESSORIES

Sanitary Vat Squeegees

Don't waste valuable product! Our 15"W or 26-1/2"W vat squeegee salvages everything processed in vats, from cheese to pudding. Three-piece sanitary construction. Stainless steel handle and back plate. White FDA accepted replaceable rubber blade.
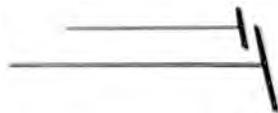
Handle	Blade	Unit	Stock #	PRICE
50" L	15"W	EA	372-2010	$237.83
69" L	26½"W	EA	372-2015	$350.44
Replacement Blade Only				
	15"W	EA	372-2020	$15.60
	26½"W	EA	372-2025	$29.14

T-Handled Cheese Knife

Designed to take some of the bending out of the slabbing operation in cheese vats. This is a quality cutting tool of all-welded stainless steel construction. 32-1/2" overall, 12" blade.

Unit	Stock #	PRICE
EA	439-2100	$333.93

Stainless Steel Curd Rake

All-welded 304 stainless steel construction is completely sanitary. Without rollers on the bottom edge. 5'L x 24"W.

Unit	Stock #	PRICE
EA	162-2025	$418.80

Perforated Milk Stirrer

Used to agitate contents of small vessels, often to get representative samples. All stainless steel construction. 26"L x 5" diameter. Loop handle.

Unit	Stock #	PRICE
EA	726-6075	$65.68

Stainless Steel Curd Pail

Sanitary flat-sided 14-quart pail. 12" wide. Can scoop from any flat bottom vessel. Bail and side handle provide added control when scooping or pouring.

Unit	Stock #	PRICE
EA	162-2001	$637.50

Stainless Steel Strainer Pail

Very handy for gross filtration of ingredients, by-products, etc. Constructed entirely of stainless steel with 5/64" perforations on the bottom and around the sides. 9" diameter x 6" height.

Unit	Stock #	PRICE
EA	162-2003	$638.72

Cheese Hoop Accessories

Save money by inserting rubber rings as gaskets ahead of the follower to prevent curd from squeezing past the follower. Use stainless steel follower hook with T-handle for quickly removing followers.

Description	Unit	Stock #	PRICE
Red rubber ring for longhorns	EA	162-1029	$7.88
Follower hook, 4½" long	EA	162-2021	$64.62
SS pin for 40# Wilson Hoop	EA	162-1401	$6.44
Polyethylene follower, 6" x ⅛" for longhorns" (shown)	EA	633-1003	$6.46

Call Customer Service at 800-826-8302

SAMPLERS & DIPPERS

PRO-RATA STRATA™ Samplers

A better way to sample milk and other sanitary products in tanks. Universal samples are more representative than those taken with a dipper. This sanitary stainless steel instrument collects a measured column of milk at a rate of about 4 cc per inch of sampler depth. The 30″ long unit will collect a 4-oz sample when full and the 60″ model, typically used with tankers, will take an 8-oz sample. This easy to use sampler includes brushes, a stainless steel sanitizing case and complete instructions. FDA has found the Pro-Rata Strata Sampler to comply with the construction criteria of the Grade A Pasteurized Milk Ordinance.

Size	Unit	Stock #	PRICE
30″	EA	404-1005	$401.94
40″	EA	404-1007	$544.91
60″	EA	404-1010	$604.90
Replacement Part			
Rubber tip with hole	EA	404-1101	$12.43

Sanitary Dippers

Dippers that can take accurate, representative samples and still remain sanitary are a necessity in today's modern operations. Choose from stainless steel or polyethylene. Note: it is not advisable to let stainless steel dippers stand in chlorinated cleaners as this may cause pitting.

Stainless Steel Dippers

Accurately measure capacities of 20, 30, 60, or 90 mL. Overflow hole ensures accurate measure. Convenient hooked handle. 304 stainless.

Size	Length	Unit	Stock #	PRICE
20 mL (⅔-oz)	30″	EA	636-3020	$72.90
30 mL (1-oz)	30″	EA	636-3030	$72.90
60 mL (2-oz)	22″	EA	636-3033	$99.90
90 mL (3-oz)	30"	EA	636-3034	$99.90

Scienceware® Polyethylene Dippers

SP SCIENCEWARE

Polyethylene dippers with long handles and large capacity for those special sampling applications. Choose from 3′ or 6′ handle. Handy pour spout.

Size	Length	Unit	Stock #	PRICE
16-oz	3′	EA	155-3200	$48.19
16-oz	6′	EA	155-3201	$74.48

Large 250mL Sanitary Dipper

Many uses around the plant. Stainless steel with hooked handle.

Size	Length	Unit	Stock #	PRICE
250 mL (8⅓-oz)	24"	EA	589-3005	$96.43
250 mL (8⅓-oz)	48"	EA	589-3010	$103.77
250 mL (8⅓-oz)	72"	EA	589-3015	$134.66

Dipper Holder

Safely holding sanitizing solution is very important in any sampling program. Tubular stainless steel, 2″ diameter with flanged top and 5-1/4″ flared base. Complete assembly includes top grooved stopper with chain and bottom standard stopper with chain.

Size	Unit	Stock #	PRICE
Holder complete, 19"	EA	636-3035	$168.75
Replacement upper stopper, grooved w/chain	EA	636-3036	$22.28

Prices subject to change.

Jabsco® Sanitary Tanker Pumps

Jabsco Sanitary Tanker pumps are an industry standard and specifically designed for farm pick-up milk tanker trucks. Certified to 3-A Standard 02-10. Pumps can be Cleaned-In-Place (CIP) or broken down for manual cleaning. These pumps will handle soft solids - maximum .7″ (18 mm) diameter with minimal shear to thixotropic fluids. The operating temperature range of the pumps is 45° to 150°F (7° to 65°C).

Jabsco® 22060-5205 Sanitary Milk Tanker Pump

Specifications:

Flow rate: Nominal 128 GPM at 1450 rpm

Self-priming from dry up to 7.8 ft (2.4 m)

Pressure up to 36.3 psi (2.5 bar)

Body: 316 Stainless steel

Impeller: 3-A Food grade Neoprene

Seal: Carbon/ceramic mechanical with food grade nitrile elastomer

Bearings: Ball/roller bearings

Shaft: 316 Stainless steel

Ports: 2-1/2″ Acme threads

Mfg Part #	Description	Unit	Stock #	PRICE
22060-5205	2½″ Pump with Acme thread ports	EA	345-7023	$3,118.65

2-1/2″ Sanitary Milk Tanker Pump Parts

For Model 22060-5205
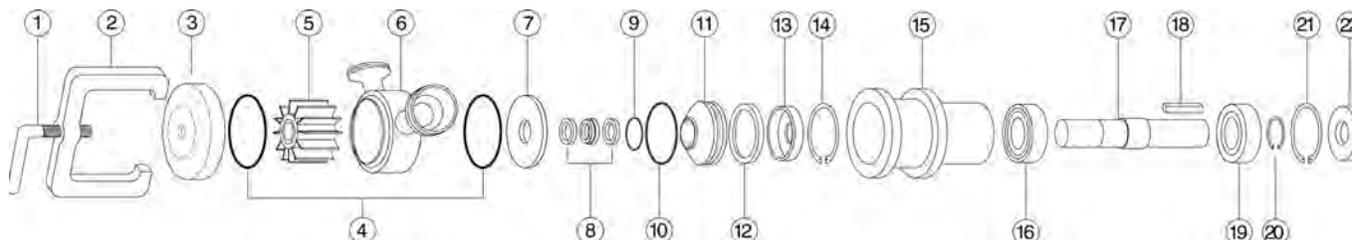
Mfg Part #	Key	Description	Qty. Needed	Unit	Stock #	PRICE
21908-0000	1	Clamp Screw	1	EA	345-1011	$174.85
21909-0000	2	Clamp Frame	1	EA	345-1003	$645.42
22007-0000	3	End Cover	1	EA	345-1001	$620.90
SP2000-1213	4	O-Ring	2	EA	345-7009	$8.66
8500-0005	5	Impeller	1	EA	345-7007	$195.98
22004-5001	6	Body (Acme)	1	EA	345-1023	$2,489.13
21937-0000	7	Wearplate	1	EA	345-1021	$605.77
22644-60000	8	Seal Kit	1	EA	345-7008	$159.05
X5280-015	9	V-Ring	1	EA	345-1019	$4.87
X4020-379A	10	O-Ring	1	EA	345-1017	$3.92
23933-0000	11	Seal Housing	1	EA	345-1018	$304.05
X5280-011	12	Lip Seal	1	EA	345-1015	$4.10
92701-0880	13	Lip Seal Kit	1	EA	345-1012	$24.01
SP1701-4391	14	Retaining ring (Hsg)	2	EA	345-1010	$5.08
22064-0100	15	Bearing Hsg	1	EA	345-1002	$1,244.96
92601-0460	16	Roller Bearing (Front)	1	EA	345-1006	$123.38
28707-0000	17	Shaft	1	EA	345-1013	$1,226.99
91402-0270	18	Key	1	EA	345-1016	$19.19
92601-0450	19	Ball Bearing (Rear)	1	EA	345-1004	$48.13
SP1700-2870	20	Retaining Ring (Shaft)	1	EA	345-7058	$5.00

Call Customer Service at 800-826-8302

JABSCO PUMPS

Jabsco® Model 15170-Series Pumps

Specifications:
Flow rate: Up to 90 gallons/min
Self-priming from dry up to 7.8 ft (2.4 m)
Pressure: Up to 1.5 bar
Body: 316 Stainless steel
Impeller: 3-A Food grade neoprene
Seal: Carbon/ceramic mechanical with food grade nitrile elastomer
Bearings: Ball bearing
Shaft: 316 Stainless steel
Ports: 2″ Acme threads or 2″ clamp

Mfg Part #	Description	Unit	Stock #	PRICE
15170-0005	Pump with 2″ Acme thread ports	EA	345-1036	$3,376.37
15170-0015	Pump with 2″ Clamp ports	EA	345-1042	$3,409.19

2″ Sanitary Milk Tanker Pump Parts

For Model 15170-0015 and 15170-0005
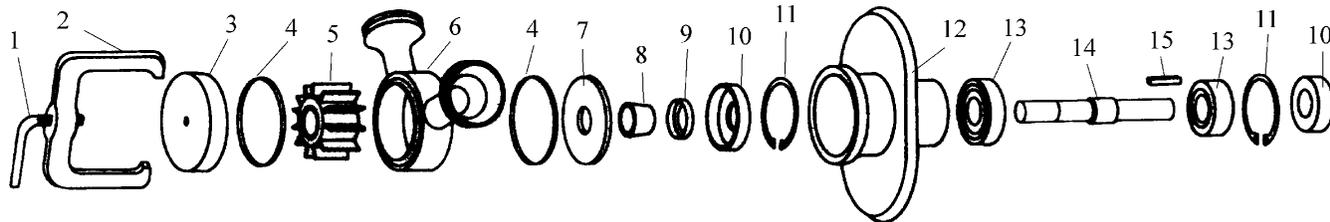
Key	Description	Mfg Part#	Qty. Needed	Unit	Stock #	PRICE
1	Clamp screw	18024-0000	1	EA	345-1027	$128.74
2	Clamp screw	12927-0000	1	EA	345-1029	$308.37
3	End Cover	10345-0001	1	EA	345-1028	$230.68
4	O-ring	92000-0030	2	EA	345-1040	$2.42
5	Impeller	8984-0005B	1	EA	345-1020	$148.69
6	Body (clamp)	15074-0071	1	EA	345-1034	$3,433.76
6	Body (acme)	15074-0061	1	EA	345-1044	$3,467.11
7	Wearplate	10346-0020	1	EA	345-1031	$166.89
8	Seal	9023-0000	1	EA	345-1025	$31.05
9	Seal collar	7866-0000	1	EA	345-1007	$110.64
10	Bearing seal	92702-0780	2	EA	345-1065	$18.64
11	Bearing ring (hsg)	18726-0000	2	EA	345-1038	$9.44
12	Bearing (hsg)	12925-0000	1	EA	345-1039	$1,138.77
13	Ball bearing	18753-0007	2	EA	345-1055	$66.62
14	Shaft	18023-0000	1	EA	345-1053	$273.51
15	Key	9214-0000	1	EA	345-1054	$12.74

Parts for other Jabsco pumps also available.

Call us for all your Jabsco pumps and parts.

Prices subject to change.

Production & Material Handling

Plastic Cap Nuts

Seal open ends with inexpensive, but tough plastic cap nuts. Shut out contamination, dust, insects, mold, and odors on pipelines, pumps, or tanker equipment. Tightens drip-proof by hand. Renewable O-ring. Standard dairy threads. Stronger than ever! Available with or without chain to attach to pipeline.

Female Cap Without Chain

Size	Unit	Stock #	PRICE
White			
1.5″	EA	528-1302	$9.21
2″	EA	528-1306	$10.47
2.5″	EA	528-1311	$11.52
3″	EA	528-1319	$12.58
4″	EA	528-1320	$18.88
Red			
1.5″	EA	528-1201	$9.21
2″	EA	528-1205	$10.47
2.5″	EA	528-1209	$11.52
3″	EA	528-1218	$12.58
4″	EA	528-1219	$18.89
Black			
1.5″	EA	528-1005	$9.21
2″	EA	528-1010	$10.47
2.5″	EA	528-1012	$11.52
3″	EA	528-1015	$12.58
4″	EA	528-1014	$18.88

Male Cap Without Chain

Size	Unit	Stock #	PRICE
White			
1.5″	EA	528-1325	$10.26
2″	EA	528-1327	$11.52
2.5″	EA	528-1341	$12.58
3″	EA	528-1345	$13.63
4″	EA	528-1346	$19.94
Red			
1.5″	EA	528-1224	$10.26
2″	EA	528-1226	$11.52
2.5″	EA	528-1240	$12.58
3″	EA	528-1244	$13.63
4″	EA	528-1245	$17.84
Black			
1.5″	EA	528-1019	$10.26
2″	EA	528-1020	$11.52
2.5″	EA	528-1025	$12.58
3″	EA	528-1030	$13.63
4″	EA	528-1032	$19.94

Female Cap With Chain

Size	Stock #	PRICE
White		
1.5″	528-1304	$13.00
2″	528-1308	$14.31
2.5″	528-1315	$15.36
3″	528-1321	$16.41
4″	528-1322	$20.88
Red		
1.5″	528-1203	$13.00
2″	528-1207	$14.31
2.5″	528-1214	$15.36
3″	528-1220	$16.41
4″	528-1221	$22.99
Black		
1.5″	528-1006	$13.00
2″	528-1011	$14.31
2.5″	528-1013	$15.36
3″	528-1016	$16.41
4″	528-1017	$22.99

Male Cap With Chain

Size	Unit	Stock #	PRICE
White			
1.5″	EA	528-1323	$14.05
2″	EA	528-1329	$15.36
2.5″	EA	528-1343	$16.41
3″	EA	528-1347	$17.47
4″	EA	528-1348	$24.05
Red			
1.5″	EA	528-1222	$14.05
2″	EA	528-1228	$15.36
2.5″	EA	528-1242	$16.41
3″	EA	528-1246	$17.47
4″	EA	528-1247	$23.00
Black			
1.5″	EA	528-1018	$14.05
2″	EA	528-1021	$15.36
2.5″	EA	528-1026	$16.41
3″	EA	528-1031	$17.47
4″	EA	528-1033	$24.16

Call Customer Service at 800-826-8302

TANK & TANKER ACCESSORIES

Hose Hooks

Stainless steel. Standard Acme threaded hose hook.
2-1/4" diameter, 3" length hook.

Description	Unit	Stock #	PRICE
1½" line	EA	636-1015	$48.52
2" line	EA	636-1020	$95.40
2½" line	EA	636-1025	$217.04
3" line	EA	636-1030	$105.11

Coiled Electric Cord and Plugs

Our cord for bulk milk truck pumps is rubber-coated to
avoid cracking in cold weather. 6″ straight ends.
16 gauge/3-wire. Order plug ends separately.

Description	Unit	Stock #	PRICE
Electric cord, 25′	EA	727-1050	$114.97
Male plug, 20 amp, 125/250V	EA	727-1051	$31.15
Female plug, 20 amp, 125/250V	EA	727-1052	$63.82

SCHWARTZ Air Vent Filter
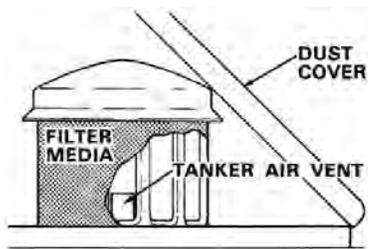
This economical plastic cage and cap is widely used to
cover the air vent when the tanker is filled or emptied.
Tank can breathe without fear of contamination. 5″
diameter x 4-1/4″H. Use filters listed.

Description	Pkg	Unit	Stock #	PRICE
Cage and cap assembly	1/bx, 4/ca	EA	591-2045	$37.86
Vertical filters	100/bx, 4 bx/ca	BX	591-2040	$22.35

RUN-O-VENT Air Vent Filter

Low-cost vent to keep your tanker from col-
lapsing. Run-O-Vent allows air breathing
during filling or emptying of tanker at pump
speeds up to 150 gpm. Will not jam or col-
lapse. Baffles prevent spillage. High-impact
plastic meets FDA requirements. Impervi-
ous to cleaning solutions. For 3″ fitting.

Description	Unit	Stock #	PRICE
Run-O-Vent, complete	EA	727-1030	$61.34
Replacement Parts			
Cap nut	EA	727-1031	$24.34
Valve sleeve	EA	727-1032	$24.34
Pagoda (baffle)	EA	727-1033	$24.34

Filter-Flo Sanitary Manhole Vent

Unique venting design permits adequate air flow for 3″
inlet/outlet pump. Takes only seconds to attach. Can be
moved from tank to tank. Ideal for plant unloading
operations. Fits manholes up to 19″ diameter. Spun
cover protects filter pad against damage and moisture
when in use. Provides protection against the danger of
internal vacuum while unloading. Portable and light-
weight.

Description	Unit	Stock #	PRICE
Manhole vent	EA	727-1000	$545.23
9″ filter discs, 100/bg	BG	591-6007	$15.62

Nelson-Jameson Universal Manhole Gaskets

#576-1005   #576-1006

Nelson-Jameson's universal manhole gaskets of flexible
rubber stretch to fit many truck and holding tank cov-
ers.

Description	Size (OD)	Unit	Stock #	PRICE
Standard, white	19″	EA	576-1005	$105.04
Heavy-duty, black	18″	EA	576-1006	$67.63

Prices subject to change.

Manhole & Vent Gasket Shapes

#317-1000 #162-1129 #372-1022

#115-1005 #162-1132 #576-1008

#727-1005 #162-1119 #727-1007

#727-1006 #162-1120 #727-1015

Gaskets for tank and truck manholes of manufacturers listed.

Mfg Part#	Size (OD)	For	Unit	Stock #	PRICE
22-945	17¾"	Heil	EA	317-1000	$74.72
41186B-WT	18½"	C-B	EA	115-1005	$75.37
C-9	18¼"	Walker	EA	727-1005	$59.17
HT-3C	19"	Walker	EA	727-1006	$72.65
T664-2	19"	Damrow	EA	162-1129	$82.39
MH-B-05	19½"	Damrow	EA	162-1132	$114.86
T564J-2	20"	Damrow	EA	162-1119	$80.14
T564JS-2	19"	Damrow-Double-O	EA	162-1120	$62.00
452-7077	12"	Kusel Vac. (Jr/Sr)	EA	372-1022	$46.19
15289	20"	Dairycraft	EA	576-7015	$185.51
A002481	20″	Dairycraft	EA	576-1008	$152.84

Other Popular Manhole & Manway Gaskets

Mfg Part #	Description	For	Unit	Stock #	PRICE
000454	Channel type	DCI	EA	576-7007	$98.00
039-000684	Manhole	DCI	EA	576-1009	$94.53
145139	18″ Silicone	-	EA	162-7025	$93.32
60433	Manhole	Polar	EA	063-7023	$122.05
9611700450	17″OD x 15.75″ID	LKDC	EA	234-7006	$145.52
9611700451	Fits 17″ opening	G & H	EA	234-7684	$138.59
9611700453	17″	ALFA	EA	X383-7425	$181.60
9611701251	20″	LKDC	EA	234-7073	$154.30
9612318001	12″ Manway	LKDC	EA	384-7490	$110.05
9901979	18″ID x 19.5″OD D shape	MUELLER	EA	576-1004	$76.40
MWY0049	Manhole	WALKER	EA	727-1120	$51.51
MWY2520W	White man-hole	WALKER	EA	727-7015	$67.27

WALKER Vent Gaskets

These vent gaskets fit Walker tanks and trucks. Many others available by special order.

Mfg Part #	Size (OD)	Unit	Stock #	PRICE
1500	2"	EA	727-1007	$4.34
V-1	8"	EA	727-1015	$47.09

SaniChex™ Pipeline Filter Disks

Monitor sediment each time you load or unload a tanker. Sanichex pipeline filter disks use the preferred construction of paper gasket with cloth filter media. (#483-2130 is a nylon mesh filter bonded to a plastic disc). It retains sediment even when dry and clamps firmly in place without slipping. Gives a positive quality check for foreign material in incoming milk. Augments laboratory sediment testing. Protects pumps and equipment downstream. Use 1-1/2″ or 2″ between farm tank and bulk truck at pickup site. Use 2″ or 3″ between bulk truck and silo while unloading in receiving bay at plant.

Size	Pkg	Unit	Stock #	PRICE
1½"	100/pk	PK	483-2015	$98.30
2″	100/pk	PK	483-2020	$101.80
3″	100/pk	PK	483-2030	$109.10
3" (nylon mesh/ plastic disk)	200/pk	PK	483-2130	$145.26

SANI-GUIDE® Pipeline Inserts
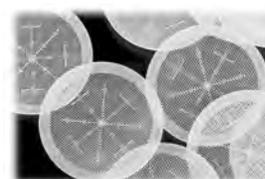
New one-piece injection molded plastic. No filter cloth to blow out. 350 - 400 micron rating. 100/bag.

Size	Unit	Stock #	PRICE
1½"	BG	357-6065	$11.81
2″	BG	357-6066	$17.54
3″	BG	357-6067	$23.17

To learn more about innovative milk truck tank sampling, see page 707 for QualiTru® Aseptic Sampling Supplies or call our Lab Product Specialists.

SECURITY SEALS

Security Seals

Protect your products with tamper evident seals. Broken seals indicate product integrity may be at risk. Seals are available in multiple sizes, styles, colors, and materials. Most seals can also be custom imprinted. If you don't see what you need listed here, call our product specialists for assistance.

Adjustable Pull-Up Security Seals

Ideal for sealing tote boxes, cargo containers, trucks, rail cars and more. Consecutively numbered. The adjustable strap on these seals pull up tight for close tolerances. Fits any closure larger than 5/32" diameter. 9" and 15" operational length high density polyethylene seal has breaking strength of 50-lbs. Can be custom imprinted - call for details and pricing.

Color	Overall Length	Operational Length	Pkg	Unit	Stock #	PRICE
Red	12"	9"	100/bg	BG	133-6600	$16.25
Red	12"	9"	1000/ca	CA	133-6800	$162.50
Yellow	12"	9"	100/bg	BG	133-6615	$16.25
Blue	12"	9"	100/bg	BG	133-6605	$16.25
Blue	12"	9"	1000/ca	CA	133-6805	$162.50
Green	12"	9"	100/bg	BG	133-6610	$16.25
Green	12"	9"	1000/ca	CA	133-6801	$162.50
Red	18"	15"	100/bg	BG	133-6690	$16.50
Red	18"	15"	1000/ca	CA	133-6100	$142.41

Flat Plastic Truck Seals

Applications include: truck & trailer doors, containers, roll cages and fire doors. Consecutively numbered. Made of high density polyethylene for greater durability in extreme weather. 60-lb. break strength. Additional colors available, and can be custom imprinted - call for details and pricing. 100 seals/strip; 1000 seals/case.

Color	Overall Length	Operational Length	Unit	Stock #	PRICE
Blue	7.5"	7"	CA	638-6800	$55.08

Flat Car Seals

One-piece consecutively numbered tin-plated seals are easily attached to secure bulk tanker loads or equipment. Aluminum. 100/pack.

Unit	Stock #	PRICE
PK	702-3102	$13.09

1.5mm Cable Seal

Ideal for cargo, trailer doors, bulk tankers, railroad cars and storage totes or boxes. Seal body is aluminum and has a 1.5mm x 12" non-preformed galvanized cable. Consecutively numbered. 10 seals/bundle, 1000 seals/box. Can be custom printed with name, logo, barcode and variable numbering - please call for details and pricing.

Color	Unit	Stock #	PRICE
Red	EA	133-6505	$0.79

3.5mm Cable Seal

This high security seal is C-TPAT (Customs-Trade Partnership Against Terrorism) compliant and ISO 17712 certified as high security. Use on rail cars, tankers, truck doors, gates, storage and shipping containers. Seal body is aluminum and has a 3.5 mm x 12" non-preformed galvanized cable. Consecutively numbered. 10 seals/bundle; 500 seals/box. Can be custom printed with name, logo, barcode, and variable numbering. Please call for details and pricing.

Color	Unit	Stock #	PRICE
Red	EA	638-6620	$1.47
Blue	EA	638-6650	$1.47

Prices subject to change.

Production & Material Handling

Metal Spin Bolt Security Seal

Security applications include: container doors, truck and trailer doors, railroad cars and air cargo. Carbon steel body with an anti-spin feature ensuring the seal is locked when closed. Both the body and bolt are laser etched with matching numbers for increased security. High security ISO 17712 certified and C-TPAT compliant seal designed to safeguard high value cargo. Requires bolt cutters for removal. Packaged 200/box.

Color	Overall Length	Operational Length	Unit	Stock #	PRICE
Blue	3.75"	1.875"	EA	638-6250	$0.86

Seal Press and Lead Seals

Broken seals provide evidence of tampering. Use with meters, trucks, pumps, and other equipment requiring limited access. Nickel-plated, durable seal press is available with one set of removable blank dies. Press is used to fasten slotted lead seals. Seals are 3/8" x 12" 2-ply, 26-gauge, galvanized wire.

Description	Unit	Stock #	PRICE
Press w/set of blank dies	EA	702-3000	$103.21
Lead seals, 100/pk	PK	702-3005	$14.49

Heavy-Duty Green Cable Ties

Heavy-duty cable ties provide identification, packaging continuity, and bundling aesthetics while keeping product secure. Rounded edges provide safety and prevent damage and cuts to product. 100/bag; 20 bags/case.

- Tensile Strength: 120 lbs
- Length: 15.09"
- Width: 0.30"
- Thickness: 0.07"
- Max Bundle Dia.: 4.06"
- Operating Temperatures: -40°F to 185°F
- UL Listed: Type 21S Support
- UL Air Handling Approved: UL AH-2
- UL Flame Rating: 94V-2
- RoHS Compliant

Unit	Stock #	PRICE
BG	027-6147	$12.76

Metal Detectable Cable Ties

Ties can be detected with standard metal detection equipment. Suited for lots of various tying and cabling applications in areas adjacent to the manufacturing process. Ideal for bag and sack tying. Bright colors assist in detection. Choose from 4 sizes and 5 colors. 10" length is releasable for reuse. 100 each/pack.

Overall Length	Color	Description	Unit	Stock #	PRICE
6"	Blue	Locking	PK	364-7026	$19.33
8"	Blue	Locking	PK	364-7027	$30.93
10"	Blue	Releasable	PK	364-7028	$30.93
15"	Blue	Locking	PK	364-7002	$38.66

Metal Detectable Cable Ties

Prevent possible contamination resulting in costly recalls and liabilities with the use of these cable ties. Used when detection of foreign objects in consumable products is critical. US FDA food contact material compliance. 2-3 times stronger signal strength compared to competition. Metal content blended throughout the cable tie. Can be used in food processing, beverage, pharmaceutical, and cosmetic industries. Teal. 100/pack.

Size	Tensile Strength	Unit	Stock #	PRICE
4"	18 lbs	PK	027-6153	$4.42
7"	50 lbs	PK	027-6154	$14.55
8"	40 lbs	PK	027-6152	$13.50
11"	50 lbs	PK	027-6155	$19.08
14"	50 lbs	PK	027-6156	$33.27
14"	120 lbs	CA	027-6151	$249.75

Call Customer Service at 800-826-8302

Bronco™ Containers & Lids

Heavy-duty containers with double-reinforced stress ribs and drag skids for ultimate durability. Ergonomic Comfort Curve™ handles provide for easy handling, even when full. Containers and lids available in a variety of colors for HACCP support. All colors are made of USDA-accepted material and are NSF Standard 2 Certified for Food Contact and cleanability. Reinforced stackable lids.

Color	Wt	Unit	Stock #	PRICE		Color	Wt	Unit	Stock #	PRICE
10-Gallon Round Containers, 15-1/2" dia x 17"H						**32-Gallon Lids, 22-1/2" dia x 1-1/4"H**				
White	2.75	EA	618-2242	$14.76		White	1.61	EA	618-2207	$10.37
Red	2.75	EA	618-2244	$14.76		Red	1.61	EA	618-2209	$10.37
Yellow	2.75	EA	618-2243	$14.76		Yellow	1.61	EA	618-2208	$10.37
Blue	2.75	EA	618-2246	$14.76		Blue	1.61	EA	618-2211	$10.37
Green	2.75	EA	618-2245	$14.76		Green	1.61	EA	618-2210	$10.37
Gray	2.75	EA	618-2247	$14.76		Gray	1.61	EA	618-2212	$10.37
Orange	2.75	EA	618-2301	$14.76		Orange	1.61	EA	618-2307	$10.37
Black	2.75	EA	618-2308	$14.76		Black	1.61	EA	618-2336	$10.38
Purple	2.75	EA	618-2328	$14.76		Purple	1.61	EA	618-2337	$10.38
10-Gallon Lids, 15-3/4" dia x 2-1/2"H						**44-Gallon Round Containers, 24-1/2" dia x 31-3/4"H**				
White	.65	EA	618-2248	$5.93		White	12.8	EA	618-2213	$38.31
Red	.65	EA	618-2250	$5.93		Red	12.8	EA	618-2216	$38.31
Yellow	.65	EA	618-2249	$5.93		Yellow	12.8	EA	618-2214	$38.31
Blue	.65	EA	618-2252	$5.93		Blue	12.8	EA	618-2218	$38.31
Green	.65	EA	618-2251	$5.93		Green	12.8	EA	618-2217	$38.31
Gray	.65	EA	618-2253	$5.93		Gray	12.8	EA	618-2219	$38.31
Orange	.65	EA	618-2303	$5.93		Orange	12.8	EA	618-2296	$38.31
Black	.65	EA	618-2331	$5.93		Black	12.8	EA	618-2326	$38.31
Purple	.65	EA	618-2332	$5.93		Purple	12.8	EA	618-2322	$38.31
20-Gallon Round Containers, 19-1/2" dia x 23"H						**44-Gallon Lids, 24-3/4" dia x 1-1/2"H**				
White	5.75	EA	618-2254	$21.54		White	2.55	EA	618-2220	$18.51
Red	5.75	EA	618-2256	$21.54		Red	2.55	EA	618-2222	$18.51
Yellow	5.75	EA	618-2255	$21.54		Yellow	2.55	EA	618-2221	$18.51
Blue	5.75	EA	618-2258	$21.54		Blue	2.55	EA	618-2224	$18.51
Green	5.75	EA	618-2257	$21.54		Green	2.55	EA	618-2223	$18.51
Gray	5.75	EA	618-2259	$21.54		Gray	2.55	EA	618-2225	$18.51
Orange	5.75	EA	618-2302	$21.54		Orange	2.55	EA	618-2297	$18.51
Black	5.75	EA	618-2313	$21.54		Black	2.55	EA	618-2338	$18.51
Purple	5.75	EA	618-2329	$21.54		Purple	2.55	EA	618-2339	$18.51
20-Gallon Lids, 19-3/4" dia x 1-1/4"H						**55-Gallon Round Containers, 26-1/4" dia x 33"H**				
White	1.03	EA	618-2260	$6.41		White	16.66	EA	618-2266	$64.12
Red	1.03	EA	618-2262	$6.41		Red	16.66	EA	618-2268	$64.12
Yellow	1.03	EA	618-2261	$6.41		Yellow	16.66	EA	618-2267	$64.12
Blue	1.03	EA	618-2264	$6.41		Blue	16.66	EA	618-2270	$64.12
Green	1.03	EA	618-2263	$6.41		Green	16.66	EA	618-2269	$64.12
Gray	1.03	EA	618-2265	$6.41		Gray	16.66	EA	618-2271	$64.12
Orange	1.03	EA	618-2304	$6.41		Black	16.66	EA	618-2327	$64.12
Black	1.03	EA	618-2333	$6.41		**55-Gallon Lid, 26-3/4" dia x 1-1/2"H**				
Purple	1.03	EA	618-2334	$6.41		White	1.7	EA	618-2272	$25.84
32-Gallon Round Containers, 22-1/4" dia x 27-3/4"H						Red	1.7	EA	618-2274	$25.84
White	9.41	EA	618-2200	$24.58		Yellow	1.7	EA	618-2273	$25.84
Red	9.41	EA	618-2203	$24.58		Blue	1.7	EA	618-2276	$25.84
Yellow	9.41	EA	618-2201	$24.58		Green	1.7	EA	618-2275	$25.84
Blue	9.41	EA	618-2205	$24.58		Gray	1.7	EA	618-2277	$25.84
Green	9.41	EA	618-2204	$24.58		Black	1.7	EA	618-2341	$25.84
Gray	9.41	EA	618-2206	$24.58		**Economy Round Dolly, Fits 20 to 55-Gallon Containers**				
Orange	9.41	EA	618-2305	$24.58		Black	5.82	EA	618-2241	$41.76
Black	9.41	EA	618-2318	$24.58		**Dome Top Lid**				
Purple	9.41	EA	618-2321	$24.58		Black, 32-gallon	9.2	EA	618-2311	$68.13
						Black, 44 and 55-gallon	12.45	EA	618-2309	$94.35

Prices subject to change.

CONTAINERS, DRUMS, TOTES & BOXES

Rubbermaid® BRUTE® Round Containers

Rugged all-purpose containers built for tough food plant conditions! Brutes feature crush resistant construction to withstand blows that would ruin most others. Use them for food products or waste. All colors of containers and lids are made of USDA-accepted materials that comply with FDA regulations and are NSF Standard 2 Certified. Dome tops are not NSF Certified. Seamless design for easy cleaning. Flat lids for stacking. Use Twist-on Dolly to convert Brutes to mobile bins. The Universal Dolly supports up to 500 pounds and can be used with a Brute or as a general purpose dolly. For a covered trash bin, just add a Dome Top to a round Brute.

Mfg Part#	Color	Wt	Unit	Stock #	PRICE
10-Gallon Vented Containers, 15-5/8" dia x 17-1/8"H					
2610	White	3.17	EA	440-2543	$21.70
2610	Red	3.17	EA	440-2553	$21.70
2610	Yellow	3.17	EA	440-2547	$21.70
2610	Blue	3.17	EA	440-2548	$21.70
2610	Green	2.75	EA	440-2554	$21.70
2610	Gray	3.17	EA	440-2542	$21.70
10-Gallon Self-Draining Lids, 16" dia x 1"H					
2609	White	.63	EA	440-2557	$8.41
2609	Red	.63	EA	440-2558	$8.41
2609	Yellow	.63	EA	440-2569	$8.41
2609	Blue	.63	EA	440-2571	$8.41
2609	Green	.63	EA	440-2567	$8.41
2609	Gray	.63	EA	440-2556	$8.41
20-Gallon Vented Containers, 19-1/2" dia x 22-7/8"H					
2620	White	6.05	EA	440-2577	$33.70
2620	Red	6.05	EA	440-2578	$33.70
2620	Yellow	6.05	EA	440-2579	$33.70
2620	Blue	6.05	EA	440-2580	$33.70
2620	Green	6.05	EA	440-2581	$33.70
2620	Gray	6.05	EA	440-2583	$33.70
2620	Black	6.05	EA	440-2357	$33.70
20-Gallon Self-Draining Lids, 19-7/8" dia x 1-1/4"H					
2619	White	1.19	EA	440-2240	$9.52
2619	Red	1.19	EA	440-2244	$9.52
2619	Yellow	1.19	EA	440-2241	$9.52
2619	Blue	1.19	EA	440-2256	$9.52
2619	Green	1.19	EA	440-2248	$9.52
2619	Gray	1.19	EA	440-2238	$9.52
2619	Black	1.19	EA	440-2242	$9.52
32-Gallon Vented Containers, 22" dia x 27-1/4"H					
2632	White	5.8	EA	440-2588	$43.24
2632	Red	5.8	EA	440-2589	$43.24
2632	Yellow	5.8	EA	440-2651	$43.24
2632	Blue	5.8	EA	440-2652	$43.24
2632	Green	5.8	EA	440-2653	$43.24
2632	Gray	5.8	EA	440-2654	$43.24
2632	Black	5.8	EA	440-2656	$45.04
32-Gallon Self-Draining Lids, 22-1/4" x 1-5/8"H					
2631	White	1.65	EA	440-2671	$14.04
2631	Red	1.65	EA	440-2673	$14.04
2631	Yellow	1.65	EA	440-2672	$14.04
2631	Blue	1.65	EA	440-2674	$14.04
2631	Green	1.65	EA	440-2675	$14.04
2631	Gray	1.65	EA	440-2670	$14.04
2631	Black	1.65	EA	440-2676	$14.04

Mfg Part#	Color	Wt	Unit	Stock #	PRICE
32-Gallon Dome Top Lid, 22-11/16" dia x 12-1/4"H					
2637	Red	9.8	EA	440-7126	$102.98
2637	Yellow	9.8	EA	440-2291	$102.98
2637	Blue	9.8	EA	440-2292	$102.98
2637	Green	9.8	EA	440-2293	$102.98
2637	Gray	9.8	EA	440-2290	$102.98
44-Gallon Vented Containers, 26-3/8" dia x 33-1/5"H					
2643	White	12.4	EA	440-2355	$66.84
2643	Red	12.4	EA	440-2346	$66.84
2643	Yellow	12.4	EA	440-2338	$66.84
2643	Blue	12.4	EA	440-2339	$66.84
2643	Green	12.4	EA	440-2330	$66.84
2643	Gray	12.4	EA	440-2336	$66.84
2643	Black	12.4	EA	440-2337	$66.84
44-Gallon Self-Draining Lid, 24-1/2" dia x 1-1/2"H					
2645	White	2.5	EA	440-2343	$23.02
2645	Red	2.5	EA	440-2341	$23.02
2645	Yellow	2.5	EA	440-2340	$23.02
2645	Blue	2.5	EA	440-2356	$23.02
2645	Green	2.5	EA	440-2342	$23.02
2645	Gray	2.5	EA	440-2345	$23.02
2645	Black	2.5	EA	440-2304	$23.02
44-Gallon Dome Top Lid, 24-13/16" dia x 12-5/8"H					
2647	Red	12.1	EA	440-7061	$107.18
2647	Blue	12.1	EA	440-2329	$107.19
2647	Green	12.1	EA	440-2322	$107.19
2647	Gray	12.1	EA	440-2325	$107.18
55-Gallon Vented Container, 26-1/2" dia x 33"H					
2655	White	15.6	EA	440-2526	$102.51
2655	Red	15.6	EA	440-2524	$102.51
2655	Yellow	15.6	EA	440-2528	$102.51
2655	Blue	15.6	EA	440-2529	$102.51
2655	Green	15.6	EA	440-2525	$102.51
2655	Gray	15.6	EA	440-2527	$102.51
2655	Black	15.6	EA	440-2530	$102.51
55-Gallon Self-Draining Lid, 26-3/4" dia x 2"H					
2654	White	4.15	EA	440-2532	$34.24
2654	Red	4.15	EA	440-2535	$34.25
2654	Yellow	4.15	EA	440-2534	$34.25
2654	Blue	4.15	EA	440-2531	$34.25
2654	Green	4.15	EA	440-2533	$34.24
2654	Gray	4.15	EA	440-2540	$34.25
2654	Black	4.15	EA	440-2541	$34.25
55-Gallon Dome Top Lids, 27-1/4" dia x 14-1/2"H					
2657	Red	14.1	EA	440-7117	$136.66
2657	Gray	14.1	EA	440-2335	$136.66
Twist-On Container Dollies, Fits 20 to 55-gallon					
2640	Black	5.23	EA	440-2300	$67.76

Call Customer Service at 800-826-8302

CONTAINERS, DRUMS, TOTES & BOXES

Imprinted Bronco™ Containers

Use these imprinted containers to easily identify contents and usage. Hot stamped in black on 2 sides in dual language - English and Spanish. NSF Standard 2 Certified for Food Contact. Call for pricing on your custom imprinting projects

.

Description	Unit	Stock #	PRICE
"Ice Only" Imprint			
10-Gallon White	EA	618-2290	$18.83
"Inedible" Imprint			
32-Gallon Gray	EA	618-2291	$35.50
44-Gallon Gray	EA	618-2292	$53.80
"USDA Condemned" Imprint			
32-Gallon Yellow	EA	618-2202	$35.50
44-Gallon Yellow	EA	618-2215	$53.80

Rubbermaid® Square BRUTE® Containers

Square shape offers up to 14% more capacity than conventional round containers in the same space. Heavy-duty, easy to grip, non-slip handles with drain holes. Rounded corners for easy cleaning. All colors are NSF Standard 2 Certified for food contact. Gray and white are USDA Meat and Poultry Equipment Group Listed. Dolly and lids sold separately.

Mfg Part#	Color	Unit	Stock #	PRICE
28-Gallon Container, 21-1/2" Square x 22-1/2"H, 6/case				
3526	White	EA	440-2545	$51.67
3526	Red	EA	440-7164	$51.67
3526	Gray	EA	440-2544	$51.67
28-Gallon Lid, 22" Square x 2"H, 6/case				
3527	White	EA	440-2550	$16.77
3527	Red	EA	440-2552	$16.77
3527	Gray	EA	440-2549	$16.77
40-Gallon Container, 23-1/2" Square x 28-3/4"H, 4/case				
3536	White	EA	440-2560	$72.93
3536	Gray	EA	440-2559	$72.93
40-Gallon Lid, 24" Square x 2"H, 4/case				
3539	White	EA	440-2565	$23.01
3539	Gray	EA	440-2564	$23.01
Square Dolly, 17-1/4" Square x 6-1/4"H, 2/case				
3530	Black	EA	440-2555	$84.04

52-Gallon Polyethylene Drum

Sanitary storage drum meets USDA and FDA standards. NSF approved. Use for dry or wet ingredients or use as a brine or salt tank. Drum, cover, and dolly sold separately. White.

Description	Top Dia. OD	Bottom Dia. OD	Height	Wt	Unit	Stock #	PRICE
Drum only	24⅜"	22"	34"	28.75	EA	342-2005	$135.25
Cover only	25¼"	-	2"	4.09	EA	342-2010	$36.19
Wire dolly only	23¼"	-	21¾"	10.5	EA	342-2015	$150.36

Stainless Steel Drums

Heavy-duty, 16-gauge 304 stainless steel drums are easy to clean. The top rim is rolled, reinforced with 1/2" rod and completely sealed for strength and sanitation. Concave bottom improves strength. USDA accepted. Handles and 3/8" stainless steel wear ring also available and highly recommended for longer life.

Model	Capacity	Diameter	Height	Wt	Unit	Stock #	PRICE
Stainless Steel Drums							
D2	33-gal	18"	30"	45	EA	185-1020	$564.55
D2A	40-gal	20"	30"	50	EA	185-1025	$598.75
D3	49-gal	22"	30"	55	EA	185-1030	$618.20
D3A	58-gal	24"	30"	55	EA	185-1035	$633.91
Loose Fitting Lids							
LFC2	SS cover for model D2			4	EA	185-7000	$197.36
LFC2A	SS cover for model D2A			4	EA	185-7002	$203.76
LFC3	SS cover for model D3			5	EA	185-1075	$212.09
LFC3A	SS cover for model D3A			5.5	EA	185-1076	$220.15

Prices subject to change.

Rubbermaid® ProSave™ Sliding Lid

Rotating clear lid with dedicated scoop fits on Brute® containers to create a large capacity ingredient bin. Clear lid allows for easy identification of contents. Safety Portioning Scoop hangs on lid for easy storage. Add your choice of colored Brute container and/or dolly for a complete storage solution. NSF Standard 2 Certified for food contact.

Fits Brute Size	Scoop Replacement	Wt	Unit	Stock #	PRICE
10-Gallon	2-Cup (#440-2617)	3.04	EA	440-2621	$57.04
20-Gallon	3-Cup (#440-2618)	4.3	EA	440-2622	$79.81
32-Gallon	4-Cup (#440-2619)	7	EA	440-2623	$95.96

Rubbermaid® ProSave™ Ingredient Bin Systems

Increase productivity, improve food safety, and decrease supply costs with an ingredient bin system that ensures durability and has smooth surfaces for easy maintenance. Clear window allows contents of bin to be easily identified. 3″ casters enable the bin to be moved with ease. Avoid cross-contamination with the scoop hook that conveniently stores the scoop inside the bin and out of the ingredient. Snap-fit lid secures to base. All bins come with a lid and a clear 32-oz scoop (#440-2402). NSF Standard 2 Certified for food contact.

Mfg Part #	Size	Capacity	Wt	Unit	Stock #	PRICE
3600	29.25″ x 13.125″ x 28″	2.75 cu. ft.	30	EA	440-2605	$373.84
3602	29.5″ x 15.5″ x 28″	3.5 cu. ft.	32	EA	440-2606	$393.33
3603	29.75″ x 18″ x 28″	4.125 cu. ft.	35	EA	440-2607	$399.15

Rubbermaid® Bouncer® Contour Scoops

Use these scoops with the Rubbermaid Ingredient Bins. The scoop hangs on the lid for storage. Made of durable, break resistant clear polycarbonate. Smooth surfaces for easy cleaning. Dishwasher safe. Fits Ingredient Bins - 3600-88, 3602-88, 3603-88. NSF Standard 2 Certified for food contact.

Mfg Part #	Volume	Unit	Stock #	PRICE
9F75	32-oz	EA	440-2402	$11.49
9F76	64-oz	EA	440-2403	$12.65

Rubbermaid® ProSave™ Ingredient Bin Lids with Scoops

Protect ingredient quality with this secure lid that clasps on to Rubbermaid Ingredient Bins. Clear window allows for easy content identification. Includes a 32-oz scoop that fits inside the bin, yet out of the product for easy access. Also fits older models of bins. White. All NSF Standard 2 Certified for food contact.

Mfg Part #	Description	Wt	Unit	Stock #	PRICE
9F77	Lid for 3600 bin	9	EA	440-2608	$111.94
9F78	Lid for 3602 bin	7	EA	440-2609	$118.28
9F79	Lid for 3603 bin	9	EA	440-2610	$120.73

Rubbermaid® ProSave™ Shelf Ingredient Bins

Improve safety and productivity with these new ingredient bins. Made for smaller quantities of ingredients, the dual opening and closing allows for one-handed access while stacked on a shelf, or under a prep table. Lid locks onto base to protect ingredient integrity. FIFO Barrier supports first in, first out rotation of ingredients for improved quality and safety. Front and rear handles aid with safe and stable portability. Each ingredient bin includes a Safety Portioning Scoop and hook for easy scoop storage. (Other scoop sizes are available.) Storage carts and shelves available. NSF Standard 2 Certified for food contact.

Size	Scoop	Capacity	Unit	Stock #	PRICE
15″D x 11.75″W x 8.5″H	½-Cup (#440-2624)	40-Cup	EA	440-2614	$75.35
23.5″D x 11.5″W x 16.8″H	2-Cup (#440-2617)	100-Cup	EA	440-2615	$159.65
23.5″D x 19.15″W x 16.8″H	2-Cup (#440-2617)	200-Cup	EA	440-2616	$228.79

Rubbermaid® Bouncer® Portioning Scoops

Anti-roll design prevents handle from coming in contact with food, reducing cross-contamination. Clear polycarbonate allows for hot or cold application (-40° to 212°F). Use as a measuring cup or scoop with measurements in cups, ounces, and milliliters. Unique flat front provides access to corners and bottom of pans. NSF Standard 2 Certified for food contact.

Size	Unit	Stock #	PRICE
2-Cup	EA	440-2617	$10.72
3-Cup	EA	440-2618	$12.65
4-Cup	EA	440-2619	$14.01
8-Cup	EA	440-2620	$19.26

Call Customer Service at 800-826-8302

CONTAINERS, DRUMS, TOTES & BOXES

REMCO Kart Tubs for Food Handling

REMCO PRODUCTS

Tubs are formed of high-density polyethylene which won't chip, dent, or rust. Non-corrosive and chemically inert. Look at the advantages over stainless steel: lightweight yet strong, leakproof, economical. Both tub styles are available with lids for stacking, and with removable undercarriages. Undercarriage made of galvanized or stainless steel. Made from FDA-compliant materials and meet all USDA specifications. Undercarriage and tub sold separately. Available with drain plug.

REMCO Angled Kart Tubs

Capacity: 1000-lbs, 13.7-cu.ft., 11-bushel, 102.5-US gallons.

Mfg Part #	Color	Description	Wt	Unit	Stock #	PRICE
Kart Tub - 54.6"L x 32"W x 21.7"H						
6901	White		31	EA	690-2601	$316.07
6901	Red		31	EA	690-2627	$316.07
6901	Yellow		31	EA	690-2628	$316.07
6901	Blue		31	EA	690-2626	$316.07
6901	Green		31	EA	690-2625	$316.07
Lid - 56"L x 32"W x 4.3"H						
6902	White		15	EA	690-2602	$193.26
6902	Red		15	EA	690-2587	$169.25
6902	Yellow		15	EA	690-2588	$169.25
6902	Blue		15	EA	690-2586	$169.25
6902	Green		15	EA	690-2585	$169.25
Undercarriage						
6903		Regular, 15.5"H	69.5	EA	690-2603	$594.82
6906		Stainless steel, 15.5"H	58	EA	690-2606	$866.96
6904		Low undercarriage, 7.5"H	105	EA	690-2604	$574.56

REMCO Kart Tubs

Capacity: 560-lbs, 10-cu.ft., 8-bushel, 70-US gallons.

Mfg Part #	Color	Wt	Unit	Stock #	PRICE
Kart Tub - 46.8"L x 26.5"W x 16.9"H					
6911	White	21	EA	690-2611	$262.22
6911	Red	21	EA	690-2567	$270.29
6911	Yellow	21	EA	690-2568	$270.29
6911	Blue	21	EA	690-2566	$270.29
6911	Green	21	EA	690-2565	$270.29
Lid - 46.9"L x 26.9"W x 1.7"H					
6912	White	11	EA	690-2612	$136.28
6912	Red	11	EA	690-2547	$140.23
6912	Yellow	11	EA	690-2548	$140.23
6912	Blue	11	EA	690-2546	$140.23
6912	Green	11	EA	690-2545	$140.23
Undercarriage					
6913	Galvanized, 7.2"H	60	EA	690-2613	$433.48

Prices subject to change.

CONTAINERS, DRUMS, TOTES & BOXES

Stainless Steel Tub Carts

Better known as sausage trucks, these durable tub carts handle big loads in any food plant. Even our standard model is rated at 1000-lb. capacity. 304 stainless with easy to clean radius corners. 304 stainless steel is not suitable for brine. Two 14" center wheels with hub caps and 5" swivel wheels on each end make it highly maneuverable. Grease fittings on all wheels. Comes with 1-1/2" stainless steel drain and cap. Heavy-duty model has the entire length and width of the bottom reinforced by a formed channel. Plus, corners are reinforced for heavy use. Both models measure 58"L x 31"W x 28"H and have 1000-lb. load capacity. Choice of 12- or 14-gauge. Other sizes and capacities also available. Direct ships from manufacturer. Freight charges will apply.

Description	Wt	Unit	Stock #	PRICE
Standard, 14-gauge	190	EA	185-1100	$1,908.98
Standard, 12-gauge	230	EA	185-1105	$2,351.64
Heavy-duty, 14-gauge	200	EA	185-1110	$2,105.18
Heavy-duty, 12-gauge	240	EA	185-1115	$2,410.21

V-Edge Dump Buggy

Designed for heavy-duty use in the food industry. Constructed with heavy-duty, 14-gauge, 304 stainless steel body and reinforced bottom plate for extra strength. Electropolished finish enhances corrosion resistance, improves surface finish and ease of cleaning. Standard lift fitting can be used with most loaders and dumpsters for easy emptying. Large radius corners and open wheel design allows for easy cleaning. Units include push handle, drip guard, and poly wheels.

Capacity	Dimensions	Wt	Unit	Stock #	PRICE
400 lb	29.5" x 27.5" x 28"H	83	EA	130-2402	$610.05
600 lb	29.5" x 27.5" x 38"H	104	EA	130-2462	$739.44

Rubbermaid® Palletote® Stacking and Nesting Boxes

Rubbermaid®
Commercial Products

The Stacking and Nesting Palletote is perfect for light duty in-process work or providing organization and mobility for janitorial supplies, tools, component parts, and more. These boxes will not chip, rust, dent, corrode, or peel. The slip resistant textured bottom prevents slipping on conveyors. Nestable and stackable with or without lids. Materials are FDA-compliant for food contact and certified to NSF Standard 2. USDA 3A (Dairy) Sanitary Standards & Meat and Poultry Equipment Group Listed. Gray.

Mfg Part#	Size	Unit	Stock #	PRICE
Palletote Boxes				
1721	1.3 cu. ft. - 19.5" x 15.5" x 10"H	EA	440-2037	$38.33
1722	1.6 cu. ft. - 19.5" x 15.5" x 13"H	EA	440-2038	$47.25
1731	2 cu. ft. - 23.5" x 19.5" x 10"H	EA	440-2043	$50.69
1732	2.6 cu. ft. - 23.5" x 19.5" x 13"H	EA	440-2044	$62.05
Lids				
1720	Lid fits 1.3 & 1.6 cu. ft. totes	EA	440-2036	$18.04
1730	Lid fits 2 & 2.6 cu. ft. totes	EA	440-2042	$20.28

Rubbermaid® Brute® Tote with Lid

Built to withstand the rigors of commercial use. Unlike traditional containers designed strictly for storage, Brute Totes are NSF Standard 2 Certified for food contact. The easy access handles are designed for easy mobility, yet also have 2 holes to allow water to drain, preventing bacterial buildup. Snap tight lid keeps contents secure during transportation and storage. Rugged, reinforced bottom for long lasting durability. Weight capacity 400# on both gray & white. 6/case.

Color	Unit	Stock #	PRICE
14-Gallon, 27.88" x 16.5" x 10.7"H			
Gray	EA	440-2255	$33.29
White	EA	440-2257	$33.29
20-Gallon , 27.88" x 17.38" x 15.13"H			
Gray	EA	440-2261	$40.30
White	EA	440-2265	$40.30

Call Customer Service at 800-826-8302

CONTAINERS, DRUMS, TOTES & BOXES

Carlisle Tote Boxes

Made of heavy polyethylene, these totes withstand rugged environments without breaking, even in extreme temperatures. The smooth interior allows for quick and easy cleaning. NSF Standard 2 Certified for food contact and cleanability.

CARLISLE

Color	Unit	Stock #	PRICE
15" x 10" x 5"D			
White	EA	618-2360	$12.98
Red	EA	618-2361	$12.98
Yellow	EA	618-2362	$12.98
Blue	EA	618-2363	$12.98
Green	EA	618-2364	$12.98
Gray	EA	618-2365	$12.98
Brown	EA	618-2366	$12.98
Black	EA	618-2367	$12.98
15" x 20" x 7"D			
White	EA	618-2750	$14.44
Red	EA	618-2751	$14.44
Yellow	EA	618-2752	$14.44
Blue	EA	618-2753	$14.44
Green	EA	618-2754	$14.44
Gray	EA	618-2755	$14.44
Brown	EA	618-2756	$14.44
Black	EA	618-2757	$14.44
Tan	EA	618-2758	$14.44
15" x 20" Lid			
White	EA	618-2500	$9.79
Red	EA	618-2501	$9.79
Yellow	EA	618-2502	$9.79
Blue	EA	618-2503	$9.79
Green	EA	618-2504	$9.79
Gray	EA	618-2505	$9.79
Brown	EA	618-2506	$9.79
Black	EA	618-2507	$9.79

Stack and Nest Lug

Stack and nest lugs are perfect for 90° cross-stacking or nesting inside of each other when not in use. Durable polyproplyene construction makes them impervious to acid, fat, oil, and grease. Made of FDA approved material for food contact.

Color	Unit	Stock #	PRICE
Totes- 15-1/2" x 25" x 8-3/4"D			
White	EA	147-3002	$10.96
Red	EA	147-3008	$10.96
Yellow	EA	147-3000	$10.96
Blue	EA	147-3006	$10.96
Green	EA	147-3010	$10.96
Gray	EA	147-3004	$10.96
Orange	EA	147-3012	$10.96
Lids			
White	EA	147-3003	$9.66
Red	EA	147-3009	$9.66
Yellow	EA	147-3001	$9.66
Blue	EA	147-3007	$9.66
Green	EA	147-3011	$9.66
Gray	EA	147-3005	$9.66
Orange	EA	147-3013	$9.66

Tote Racks

Transport and store a variety of products with all-welded aluminum tote racks. Racks come complete and are shipped assembled. Runners allow bins to slide in and out from both sides. Use with notched bottom tote boxes, which are sold separately. Direct ships from manufacturer. Freight charges will apply.

Unit	Stock #	PRICE
27"L x 19"W x 41"H, holds three totes		
EA	441-2003	$236.63
27"L x 19"W x 71"H, holds six totes		
EA	441-2004	$293.74

Prices subject to change.

CONTAINERS, DRUMS, TOTES & BOXES

Nalgene® Heavy-Duty Pan

You will find many applications in your food or dairy plant for this heavy-duty 2.8 liter polypropylene pan. Use to carry food samples, or to clean or soak small utensils. Easy to clean. Tapered for nesting. White. 10-1/4″L x 6-1/4″W x 4-1/8″H.

Mfg Part #	Unit	Stock #	PRICE
6902-2000	EA	155-3926	$37.30

Rubbermaid® Round Food Storage Containers

White polyethylene containers are seamless and easy to clean. Stackable in use, nestable for compact storage. When used with lids (sold separately), these containers feature Rubbermaid's positive lock seal which reduces leakage and helps prevent spoilage. High-visibility yellow lids have a Mark-It-Fresh™ area for dating or custom labeling. Dishwasher safe. Temperature range 35° - 150°F. NSF 3A and NSF 2 Certified for food contact. Available in semi-clear polypropylene.

Mfg Part#	Capacity	Size (Diameter X H)	Unit	Stock #	PRICE
Containers					
5720	2-qt	8½" x 4"	EA	440-2721	$3.18
5721	4-qt	8½" x 7¾"	EA	440-2724	$4.69
5723	6-qt	10" x 7⅝"	EA	440-2723	$5.62
5723	8-qt	10" x 10⅝"	EA	440-2829	$6.37
5726	12-qt	13⅛" x 8⅛"	EA	440-2816	$11.43
5727	18-qt	13⅛" x 11⅞"	EA	440-2826	$14.44
5728	22-qt w/o handle	13⅛" x 14"	EA	440-2818	$17.81
5729	22-qt w/handle	13⅛" x 14"	EA	440-2817	$21.93
Lids					
5722	Fits 2- and 4-qt	-	EA	440-2731	$2.80
5725	Fits 6- and 8-qt	-	EA	440-2732	$2.99
5730	Fits 12-, 18-, and 22-qt	-	EA	440-2739	$6.74

PAILS & CANS

Stainless Steel Pails

In the long run, a stainless steel pail is your best value. These 300 series stainless steel pails are resistant to corrosion and tarnishing. The seamless design makes them easy to clean and resistant to buildups, which could harbor bacteria. Optional side handle available on 14-3/4 quart. Choose from 3 sizes. Made in the USA.

Gauge	Capacity	Top Diameter	Height	Unit	Stock #	PRICE
Pails						
18 ga.	12½-qt	12″	10″	EA	726-6015	$76.11
18 ga.	14¾-qt	12″	10⅛″	EA	726-6020	$99.70
18 ga.	23-qt	14⅞"	11⅞"	EA	726-6030	$172.92
Pail with side handle						
16 ga.	14¾-qt	12″	10⅛″	EA	726-6025	$161.13
Optional Hook-On Cover - fits all except #726-6030						
				EA	726-7004	$57.69

More Pails and Cans on the next page...

Call Customer Service at 800-826-8302

PAILS & CANS

Stainless Steel Tote Pail

Tubular design for carrying ease. Handle stands out for convenience, or lies flat for storage. Cover has a welded hook. Triple thick bottom, heavy wall and rounded interior corners. Seamless 22-gauge construction for easy cleaning. 16-13/16"H x 9-7/32" diameter. 20-quart.
Made in the USA.

VOLLRATH

Description	Unit	Stock #	PRICE
Tote pail with cover	EA	402-6050	$287.46
Replacement cover	EA	402-7000	$41.24

Stainless Steel Cheese Cans

Perfect for pilot plant and laboratory production runs. These high-quality stainless steel vessels feature extra-strong comfortable handles and a reinforced rim for years of use. Sanitary friction-fit covers. Choice of 3 sizes; all sizes are 13-1/8" diameter. 304 stainless steel.

Description	Height	Unit	Stock #	PRICE
50-lb Can w/cover	13½"	EA	147-2050	$173.02
75-lb Can w/cover	19"	EA	147-2075	$177.03
100-lb Can w/cover	25"	EA	147-2100	$181.96

Stainless Steel Milk Can

If you need an enclosed sanitary 10-gallon container for any purpose—try this milk can. Umbrella cover avoids outside contamination and is friction-fitted into the can. Cover also accepts security seal or tag. Reinforced chime for extra long wear. Strong, comfortable handles. 23-3/4" H x 13-1/8" diameter. Neck 7" diameter. 304 stainless steel.

Description	Unit	Stock #	PRICE
Can w/cover	EA	147-2040	$179.14

Milk Can Cart

This heavy-duty steel cart handles one 10-gallon milk can. All-welded construction for long use; self-standing for convenience. Big 8" semi-pneumatic rubber tires. Plastic handle grip.

Description	Unit	Stock #	PRICE
Cart	EA	588-6020	$413.44
Replacement wheel	EA	588-6025	$23.63

Color-Coded 5-Gallon Pails

Avoid contamination by matching pail color to a particular job or zone in your plant. Available in many colors, these strong, yet lightweight pails have a steel bail with a heavy-duty plastic handle. HDPE material meets FDA specifications. Pails and gasketed lids sold separately.

Color	Unit	Stock #	PRICE
Pails			
White	EA	532-8009	$6.40
Red	EA	532-8007	$6.40
Yellow	EA	532-8005	$6.40
Blue	EA	532-8001	$6.40
Green	EA	532-8004	$6.40
Gray	EA	532-8003	$6.40
Brown	EA	532-8002	$6.40
Black	EA	532-8000	$6.40
Orange	EA	532-8006	$6.40
Purple	EA	532-8008	$6.40
Lids			
White	EA	532-8107	$3.15
Red	EA	532-8106	$3.15
Yellow	EA	532-8109	$3.15
Blue	EA	532-8101	$3.15
Green	EA	532-8104	$3.15
Gray	EA	532-8103	$3.15
Brown	EA	532-8102	$3.15
Black	EA	532-8100	$3.15
Orange	EA	532-8105	$3.15
Purple	EA	532-8108	$3.15

VIKAN 5-Gallon Pails & Lids

Made from FDA-compliant polypropylene, this pail can be used for a number of applications. Snap closure. Inner measuring scale is in gallons and liters. Sturdy handle is made of stainless steel. Bottom handle and a rounded rim and lip facilitate ergonomic, no-spill lifting and pouring. Temperature rating of 5° to 250°F. Lids sold separately. 5/case.

Vikan®

Mfg Part #	Color	Unit	Stock #	PRICE
Pail				
5692	White	EA	690-3090	$46.05
5692	Red	EA	690-3091	$46.05
5692	Yellow	EA	690-3092	$46.05
5692	Blue	EA	690-3093	$46.05
5692	Green	EA	690-3094	$46.05
Lid				
5693	White	EA	690-4090	$19.07
5693	Red	EA	690-4091	$19.07
5693	Yellow	EA	690-4092	$19.07
5693	Blue	EA	690-4093	$19.07
5693	Green	EA	690-4094	$19.07

Prices subject to change.

VIKAN Flat-Sided Pails

Made from FDA-compliant materials, this flat-sided pail can be used for a number of applications. Available in 1.5 or 3-gallon capacity. Inner measuring scale is in gallons and liters. Sturdy handle is made of stainless steel. Use a lid to protect the measured contents. Stainless steel mounting bracket also available - accommodates either sized pail. Pail, lid, and bracket sold separately. Temperature rating of 5° to 250°F.

Mfg Part #	Color	Unit	Stock #	PRICE
1.5-Gallon Pail				
56885	White	EA	690-2767	$22.39
56884	Red	EA	690-2763	$22.39
56886	Yellow	EA	690-2768	$22.39
56883	Blue	EA	690-2761	$22.39
56882	Green	EA	690-2760	$22.39
56889	Black	EA	690-2771	$22.39
56887	Orange	EA	690-2769	$22.39
56881	Pink	EA	690-7241	$22.39
56888	Purple	EA	690-2770	$22.39
1.5-Gallon Lid				
56895	White	EA	690-2775	$5.66
56894	Red	EA	690-2774	$5.66
56896	Yellow	EA	690-2776	$5.66
56893	Blue	EA	690-2773	$5.66
56892	Green	EA	690-2772	$5.66
56899	Black	EA	690-2779	$5.66
56897	Orange	EA	690-2777	$5.66
56891	Pink	EA	690-7242	$5.66
56898	Purple	EA	690-2778	$5.66
3-Gallon Pail				
56865	White	EA	690-2685	$26.94
56864	Red	EA	690-2686	$26.94
58666	Yellow	EA	690-2684	$26.94
56867	Blue	EA	690-2687	$26.94
56863	Green	EA	690-2688	$26.94
56869	Black	EA	690-2689	$26.94
56867	Orange	EA	690-2682	$26.94
56861	Pink	EA	690-2750	$26.94
56868	Purple	EA	690-2647	$26.94
3-Gallon Lid				
56875	White	EA	690-2690	$12.34
56874	Red	EA	690-2691	$12.34
56876	Yellow	EA	690-2692	$12.34
56877	Blue	EA	690-2693	$12.34
56873	Green	EA	690-2694	$12.34
56879	Black	EA	690-2695	$12.34
56877	Orange	EA	690-2696	$12.34
56871	Pink	EA	690-2751	$12.34
56878	Purple	EA	690-2697	$12.34
Mounting Bracket				
16200	Stainless Steel	EA	690-2789	$61.83

Rubbermaid® Brute® Buckets

Injection-molded bucket resists acids, alkalies, paints, chemicals, and cleaning compounds. Easy-pour spout. Molded in graduations of pints, quarts, gallons, and liters for easy measuring.

Color	Capacity	Size	Unit	Stock #	PRICE
Gray	10-qt	10.5"dia x 10.2'H	EA	440-2232	$13.18
Red	14-qt	12"dia x 11.25"H	EA	440-2234	$19.09
Gray	14-qt	12"dia x 11.25"H	EA	440-2233	$19.09

14-Quart Bucket with Square Notch Handle

Features durable steel handle and built-in pour spout. Square notch style handle connection. Molded-in graduations of pints, quarts, gallons, and liters. 14-quart capacity.

Color	Unit	Stock #	PRICE
White	EA	142-2121	$14.87
Red	EA	142-2122	$14.87
Gray	EA	142-2126	$14.87

For more options, see our 7olor-7oded =nsert.

Or, give us a call and we will help get your facility the proper 7olor-7oded Droducts.

Call Customer Service at 800-826-8302

WASTE CONTAINERS

Bronco™ Waste Containers & Lids

Heavy-duty containers with double-reinforced stress ribs and drag skids for ultimate durability. Ergonomic Comfort Curve™ handles provide for easy handling, even when full. Containers and lids available in a variety of colors for HACCP support. All colors are NSF Standard 2 Certified for Food Contact and cleanability. Reinforced stackable lids.

Color	Wt	Unit	Stock #	PRICE
10-Gallon Round Containers, 15-1/2" dia x 17"H				
White	2.75	EA	618-2242	$14.76
Red	2.75	EA	618-2244	$14.76
Yellow	2.75	EA	618-2243	$14.76
Blue	2.75	EA	618-2246	$14.76
Green	2.75	EA	618-2245	$14.76
Gray	2.75	EA	618-2247	$14.76
Orange	2.75	EA	618-2301	$14.76
Black	2.75	EA	618-2308	$14.76
Purple	2.75	EA	618-2328	$14.76
10-Gallon Lids, 15-3/4" dia x 2-1/2"H				
White	.65	EA	618-2248	$5.93
Red	.65	EA	618-2250	$5.93
Yellow	.65	EA	618-2249	$5.93
Blue	.65	EA	618-2252	$5.93
Green	.65	EA	618-2251	$5.93
Gray	.65	EA	618-2253	$5.93
Orange	.65	EA	618-2303	$5.93
Black	.65	EA	618-2331	$5.93
Purple	.65	EA	618-2332	$5.93
20-Gallon Round Containers, 19-1/2" dia x 23"H				
White	5.75	EA	618-2254	$21.54
Red	5.75	EA	618-2256	$21.54
Yellow	5.75	EA	618-2255	$21.54
Blue	5.75	EA	618-2258	$21.54
Green	5.75	EA	618-2257	$21.54
Gray	5.75	EA	618-2259	$21.54
Orange	5.75	EA	618-2302	$21.54
Black	5.75	EA	618-2313	$21.54
Purple	5.75	EA	618-2329	$21.54
20-Gallon Lids, 19-3/4" dia x 1-1/4"H				
White	1.03	EA	618-2260	$6.41
Red	1.03	EA	618-2262	$6.41
Yellow	1.03	EA	618-2261	$6.41
Blue	1.03	EA	618-2264	$6.41
Green	1.03	EA	618-2263	$6.41
Gray	1.03	EA	618-2265	$6.41
Orange	1.03	EA	618-2304	$6.41
Black	1.03	EA	618-2333	$6.41
Purple	1.03	EA	618-2334	$6.41
32-Gallon Round Containers, 22-1/4" dia x 27-3/4"H				
White	9.41	EA	618-2200	$24.58
Red	9.41	EA	618-2203	$24.58
Yellow	9.41	EA	618-2201	$24.58
Blue	9.41	EA	618-2205	$24.58
Green	9.41	EA	618-2204	$24.58
Gray	9.41	EA	618-2206	$24.58
Orange	9.41	EA	618-2305	$24.58
Black	9.41	EA	618-2318	$24.58
Purple	9.41	EA	618-2321	$24.58

Color	Wt	Unit	Stock #	PRICE
32-Gallon Lids, 22-1/2" dia x 1-1/4"H				
White	1.61	EA	618-2207	$10.37
Red	1.61	EA	618-2209	$10.37
Yellow	1.61	EA	618-2208	$10.37
Blue	1.61	EA	618-2211	$10.37
Green	1.61	EA	618-2210	$10.37
Gray	1.61	EA	618-2212	$10.37
Orange	1.61	EA	618-2307	$10.37
Black	1.61	EA	618-2336	$10.38
Purple	1.61	EA	618-2337	$10.38
44-Gallon Round Containers, 24-1/2" dia x 31-3/4"H				
White	12.8	EA	618-2213	$38.31
Red	12.8	EA	618-2216	$38.31
Yellow	12.8	EA	618-2214	$38.31
Blue	12.8	EA	618-2218	$38.31
Green	12.8	EA	618-2217	$38.31
Gray	12.8	EA	618-2219	$38.31
Orange	12.8	EA	618-2296	$38.31
Black	12.8	EA	618-2326	$38.31
Purple	12.8	EA	618-2322	$38.31
44-Gallon Lids, 24-3/4" dia x 1-1/2"H				
White	2.55	EA	618-2220	$18.51
Red	2.55	EA	618-2222	$18.51
Yellow	2.55	EA	618-2221	$18.51
Blue	2.55	EA	618-2224	$18.51
Green	2.55	EA	618-2223	$18.51
Gray	2.55	EA	618-2225	$18.51
Orange	2.55	EA	618-2297	$18.51
Black	2.55	EA	618-2338	$18.51
Purple	2.55	EA	618-2339	$18.51
55-Gallon Round Containers, 26-1/4" dia x 33"H				
White	16.66	EA	618-2266	$64.12
Red	16.66	EA	618-2268	$64.12
Yellow	16.66	EA	618-2267	$64.12
Blue	16.66	EA	618-2270	$64.12
Green	16.66	EA	618-2269	$64.12
Gray	16.66	EA	618-2271	$64.12
Black	16.66	EA	618-2327	$64.12
55-Gallon Lid, 26-3/4" dia x 1-1/2"H				
White	1.7	EA	618-2272	$25.84
Red	1.7	EA	618-2274	$25.84
Yellow	1.7	EA	618-2273	$25.84
Blue	1.7	EA	618-2276	$25.84
Green	1.7	EA	618-2275	$25.84
Gray	1.7	EA	618-2277	$25.84
Black	1.7	EA	618-2341	$25.84
Economy Round Dolly, Fits 20 to 55-Gallon Containers				
Black	5.82	EA	618-2241	$41.76
Dome Top Lid				
Black, 32-gallon	9.2	EA	618-2311	$68.13
Black, 44 and 55-gallon	12.45	EA	618-2309	$94.35

Prices subject to change.

WASTE CONTAINERS

Rubbermaid® BRUTE® Round Containers

Rugged all-purpose containers built for tough food plant conditions! Brutes feature crush resistant construction to withstand blows that would ruin most others. Use them for food products or waste. All colors of containers and lids are made of USDA-accepted materials that comply with FDA regulations and are NSF Standard 2 Certified. Dome tops are not NSF Certified. Seamless design for easy cleaning. Flat lids for stacking. Use Twist-on Dolly to convert Brutes to mobile bins. The Universal Dolly supports up to 500 pounds and can be used with a Brute or as a general purpose dolly. For a covered trash bin, just add a Dome Top to a round Brute.

Mfg Part#	Color	Wt	Unit	Stock #	PRICE		Mfg Part#	Color	Wt	Unit	Stock #	PRICE
10-Gallon Vented Containers, 15-5/8" dia x 17-1/8"H							**32-Gallon Dome Top Lid, 22-11/16" dia x 12-1/4"H**					
2610	White	3.17	EA	440-2543	$21.70		2637	Red	9.8	EA	440-7126	$102.98
2610	Red	3.17	EA	440-2553	$21.70		2637	Yellow	9.8	EA	440-2291	$102.98
2610	Yellow	3.17	EA	440-2547	$21.70		2637	Blue	9.8	EA	440-2292	$102.98
2610	Blue	3.17	EA	440-2548	$21.70		2637	Green	9.8	EA	440-2293	$102.98
2610	Green	2.75	EA	440-2554	$21.70		2637	Gray	9.8	EA	440-2290	$102.98
2610	Gray	3.17	EA	440-2542	$21.70		**44-Gallon Vented Containers, 26-3/8" dia x 33-1/5"H**					
10-Gallon Self-Draining Lids, 16" dia x 1"H							2643	White	12.4	EA	440-2355	$66.84
2609	White	.63	EA	440-2557	$8.41		2643	Red	12.4	EA	440-2346	$66.84
2609	Red	.63	EA	440-2357	$33.70		2643	Yellow	12.4	EA	440-2338	$66.84
2609	Yellow	.63	EA	440-2569	$8.41		2643	Blue	12.4	EA	440-2339	$66.84
2609	Blue	.63	EA	440-2571	$8.41		2643	Green	12.4	EA	440-2330	$66.84
2609	Green	.63	EA	440-2567	$8.41		2643	Gray	12.4	EA	440-2336	$66.84
2609	Gray	.63	EA	440-2556	$8.41		2643	Black	12.4	EA	440-2337	$66.84
20-Gallon Vented Containers, 19-1/2" dia x 22-7/8"H							**44-Gallon Self-Draining Lid, 24-1/2" dia x 1-1/2"H**					
2620	White	6.05	EA	440-2577	$33.70		2645	White	2.5	EA	440-2343	$23.02
2620	Red	6.05	EA	440-2578	$33.70		2645	Red	2.5	EA	440-2341	$23.02
2620	Yellow	6.05	EA	440-2579	$33.70		2645	Yellow	2.5	EA	440-2340	$23.02
2620	Blue	6.05	EA	440-2580	$33.70		2645	Blue	2.5	EA	440-2356	$23.02
2620	Green	6.05	EA	440-2581	$33.70		2645	Green	2.5	EA	440-2342	$23.02
2620	Gray	6.05	EA	440-2583	$33.70		2645	Gray	2.5	EA	440-2345	$23.02
2620	Black	6.05	EA	440-2357	$33.70		2645	Black	2.5	EA	440-2304	$23.02
20-Gallon Self-Draining Lids, 19-7/8" dia x 1-1/4"H							**44-Gallon Dome Top Lid, 24-13/16" dia x 12-5/6"H**					
2619	White	1.19	EA	440-2240	$9.52		2647	Red	12.1	EA	440-7061	$107.18
2619	Red	1.19	EA	440-2244	$9.52		2647	Blue	12.1	EA	440-2329	$107.19
2619	Yellow	1.19	EA	440-2241	$9.52		2647	Green	12.1	EA	440-2322	$107.19
2619	Blue	1.19	EA	440-2256	$9.52		2647	Gray	12.1	EA	440-2325	$107.18
2619	Green	1.19	EA	440-2248	$9.52		**55-Gallon Vented Container, 26-1/2" dia x 33"H**					
2619	Gray	1.19	EA	440-2238	$9.52		2655	White	15.6	EA	440-2526	$102.51
2619	Black	1.19	EA	440-2242	$9.52		2655	Red	15.6	EA	440-2524	$102.51
32-Gallon Vented Containers, 22" dia x 27-1/4"H							2655	Yellow	15.6	EA	440-2528	$102.51
2632	White	5.8	EA	440-2588	$43.24		2655	Blue	15.6	EA	440-2529	$102.51
2632	Red	5.8	EA	440-2589	$43.24		2655	Green	15.6	EA	440-2525	$102.51
2632	Yellow	5.8	EA	440-2651	$43.24		2655	Gray	15.6	EA	440-2527	$102.51
2632	Blue	5.8	EA	440-2652	$43.24		2655	Black	15.6	EA	440-2530	$102.51
2632	Green	5.8	EA	440-2653	$43.24		**55-Gallon Self Draining Lid, 26-3/4" dia x 2"H**					
2632	Gray	5.8	EA	440-2654	$43.24		2654	White	4.15	EA	440-2532	$34.24
2632	Black	5.8	EA	440-2656	$45.04		2654	Red	4.15	EA	440-2535	$34.25
32-Gallon Self-Draining Lids, 22-1/4" x 1-5/8"H							2654	Yellow	4.15	EA	440-2534	$34.25
2631	White	1.65	EA	440-2671	$14.04		2654	Blue	4.15	EA	440-2531	$34.25
2631	Red	1.65	EA	440-2673	$14.04		2654	Green	4.15	EA	440-2533	$34.24
2631	Yellow	1.65	EA	440-2672	$14.04		2654	Gray	4.15	EA	440-2540	$34.25
2631	Blue	1.65	EA	440-2674	$14.04		2654	Black	4.15	EA	440-2541	$34.25
2631	Green	1.65	EA	440-2675	$14.04		**55-Gallon Dome Top Lid, 27-1/4" dia x 14-1/2"H**					
2631	Gray	1.65	EA	440-2670	$14.04		2657	Red	14.1	EA	440-7117	$136.66
2631	Black	1.65	EA	440-2676	$14.04		2657	Gray	14.1	EA	440-2335	$136.66
							Twist-On Container Dollies					
							2640	Black - Fits 20 to 55-gallon	5.23	EA	440-2300	$67.76

Call Customer Service at 800-826-8302

WASTE CONTAINERS

Imprinted Bronco™ Containers

Use these imprinted containers to easily identify contents and usage. Hot stamped in black on 2 sides in dual language - English and Spanish. NSF Standard 2 Certified for Food Contact. Call for pricing on your custom imprinting projects.

CARLISLE

Description	Wt	Unit	Stock #	PRICE
"Ice Only" Imprint				
10-Gallon White	2.75	EA	618-2290	$18.83
"Inedible" Imprint				
32-Gallon Gray	9.4	EA	618-2291	$35.50
44-Gallon Gray	12.8	EA	618-2292	$53.80
"USDA Condemned" Imprint				
32-Gallon Yellow	8.6	EA	618-2202	$35.50
44-Gallon Yellow	12.795	EA	618-2215	$53.80

Rubbermaid® Square BRUTE® Containers

Rubbermaid
Commercial Products

Square shape offers up to 14% more capacity than conventional round containers in the same space. Heavy-duty, easy to grip, non-slip handles with drain holes. Rounded corners for easy cleaning. All colors are NSF Standard 2 Certified for food contact. Gray and white are USDA Meat and Poultry Equipment Group Listed. Dolly and lids sold separately.

Mfg Part#	Color	Wt	Unit	Stock #	PRICE
28-Gallon Container, 21-1/2 Square x 22-1/2"H, 6/case					
3526	White	10	EA	440-2545	$51.67
3526	Red	10	EA	440-7164	$51.67
3526	Gray	19.655	EA	440-2544	$51.67
28-Gallon Lid, 22" Square x 2"H, 6/case					
3527	White	2.45	EA	440-2550	$16.77
3527	Red	2.8	EA	440-2552	$16.77
3527	Gray	2.8	EA	440-2549	$16.77
40-Gallon Container, 23-1/2" Square x 28-3/4"H, 4/case					
3536	White	14.3	EA	440-2560	$72.93
3536	Gray	14.3	EA	440-2559	$72.93
40-Gallon Lid, 24" Square x 2"H, 4/case					
3539	White	3	EA	440-2565	$23.01
3539	Gray	4	EA	440-2564	$23.01
Square Dolly, 17-1/4" Square x 6-1/4"H, 2/case					
3530	Black	12.675	EA	440-2555	$84.04

Slim Jim Step-On Plastic Containers

The slim profile allows this container to fit in the tightest spaces and the increased foot pedal clearance allows for easier access and operation. Meets OSHA and OBRA standards for worker and environmental safety.

Color	Unit	Stock #	PRICE
4-Gallon - 14.8"L x 9.1"W x 15.7"H			
White	EA	440-6105	$114.80
8-Gallon - 16.7"L x 10.6"W x 21.1"H			
White	EA	440-6108	$115.68
Red	EA	440-6107	$115.68
Yellow	EA	440-6109	$115.68
Blue	EA	440-6101	$115.68
Green	EA	440-6100	$115.68
Gray	EA	440-6102	$115.68
Beige	EA	440-6106	$115.68
13-Gallon - 18"L x 11.5"W x 28.3"H			
White	EA	440-6112	$135.11
Red	EA	440-6111	$135.11
Yellow	EA	440-6113	$135.11
Blue	EA	440-6103	$135.11
Green	EA	440-6104	$135.11
Beige	EA	440-6110	$135.11
18-Gallon - 19.7"L x 12.2"W x 31.6"H			
White	EA	440-6116	$153.66
Red	EA	440-6115	$153.66
Yellow	EA	440-6117	$153.66
Beige	EA	440-6114	$153.66
24-Gallon - 22.4"L x13.9"W x 32.5"H			
White	EA	440-6121	$219.89
Red	EA	440-6120	$219.89
Yellow	EA	440-6122	$219.89
Blue	EA	440-6119	$219.89
Beige	EA	440-6118	$219.89

Rubbermaid
Commercial Products

TrimLine™ Waste Containers

Heavy-duty plastic construction with corner tabs to help keep trash bags secure. Fits neatly beside work tables or in narrow spaces. Helper handle on the bottom makes lifting and dumping easier. Available in 4 colors. Optional swing-top lid conceals trash while providing easy touch-free access.

Color	Unit	Stock #	PRICE
23-Gallon Containers - 20"L x 10-3/4"W x 30"H			
Blue	EA	618-2294	$46.10
Green	EA	618-6636	$46.10
Gray	EA	618-2230	$46.10
Beige	EA	618-2229	$46.10
Brown	EA	618-2231	$46.10
Black	EA	618-2228	$46.10
Swing-Top Lids			
Beige	EA	618-2233	$30.47
Brown	EA	618-2289	$30.47
Black	EA	618-2232	$30.47
Gray	EA	618-2288	$30.47

CARLISLE

Prices subject to change.

Rubbermaid® Untouchable® Containers

You will never have to touch the free-swinging lid of these trash cans because of their featherweight balance. The durable plastic construction is easy to keep clean and attractive. Won't rust or dent. Round or square. Order both top and base for complete unit. 4/case.

Mfg Part#	Color	Unit	Stock #	PRICE
23-Gallon Square Base - 16.5" x 15.5" x 30.9"H				
3569	Blue w/Recycle Symbol	EA	440-2537	$83.71
3569	Gray	EA	440-2501	$83.71
3569	Brown	EA	440-2504	$83.71
3569	Beige	EA	440-2502	$83.71
3569	Black	EA	440-2503	$83.71
23-Gallon Square Top - 16" x 16" x 4"H				
2689	Beige	EA	440-2506	$35.62
2689	Black	EA	440-2500	$35.62
22-Gallon Round Base - 15.75" dia x 30.125"H				
3546	Gray	EA	440-7066	$74.17
3546	Beige	EA	440-2585	$74.17
22-Gallon Round Top - 16.125" dia				
2672	Gray	EA	440-7067	$39.34
2672	Beige	EA	440-2360	$39.34

Rubbermaid® Marshal® Classic Containers

Factory Mutual and California State Fire Marshal approved. These units have several advantages over metal torpedo containers. They will not rust. The tops flip out of the way for easy liner removal, so it's not necessary to lift up the entire container to remove refuse. The gravity closure doors keep out rain, but have no springs to rust or break. Use with optional rigid liners or poly trash bags. Lid and base included with container.

Mfg Part#	Color	Unit	Stock #	PRICE
15-Gallon - 15-3/8" dia x 36-1/2"H				
8160	Beige	EA	440-2868	$202.48
8160	Brown	EA	440-2866	$202.48
8160	Off-White	EA	440-2869	$202.48
8160	Black	EA	440-2865	$202.48
25-Gallon - 18" dia x 42"H				
8170	Beige	EA	440-2870	$263.82
8170	Brown	EA	440-7211	$263.82
8170	Off-White	EA	440-2871	$263.82
8170	Black	EA	440-2872	$263.82
Optional Rigid Liners				
3550	12-gal Gray	EA	440-2593	$57.81
3552	22-gal Gray	EA	440-2600	$74.78

Rubbermaid® Ranger® Containers

All the features of the Marshal® Containers but in a larger, square version. Specifically designed for rugged indoor/outdoor use. Optional rigid liner available or use poly trash bags. Lid included.

Mfg Part#	Description	Unit	Stock #	PRICE
35-Gallon - 21" sq x 41"H				
8430	Brown	EA	440-2981	$379.67
8430	Beige	EA	440-2980	$379.67
8430	Black	EA	440-2982	$379.67
45-Gallon - 24-7/8" sq x 41-1/2"H				
9171	Beige	EA	440-2983	$539.34
9171	Black	EA	440-2984	$539.34

Rubbermaid® Wastebaskets

Space-efficient and economical plastic containers that won't rust, chip, dent, or clang when used. Rolled rim for added strength.

Mfg Part #	Color	Unit	Stock #	PRICE
14-Quart - 11-3/8" x 8-1/4" x 12"H				
2955	Beige	EA	440-2405	$7.71
1829412	Green	EA	440-2518	$7.71
2955	Gray	EA	440-2516	$7.71
2955	Black	EA	440-2517	$7.71
28-Quart - 14-3/8" x 10-1/4" x 15"H				
2956	Gray	EA	440-2408	$8.30
2956	Beige	EA	440-2409	$8.30
2956	Black	EA	440-7147	$8.30
40-Quart - 15-1/4" x 11" x 19-7/8"H				
	Green	EA	440-2519	$15.62
2957	Gray	EA	440-2066	$15.62
2957	Beige	EA	440-2413	$15.62
2957	Black	EA	440-2065	$15.62

Rubbermaid® Side Bin Recycling Container

Allow for easy deskside sorting of trash and recyclables with the side bin recycling container. Available in 4 colors. Fits inside or outside the #2956-28 qt or #2957-41 qt Rubbermaid containers. 10.6"L x 7.25"W x 11.5"H. 12/case.

Mfg Part #	Color	Unit	Stock #	PRICE
2950-73	Blue	EA	440-2994	$11.09
2950-73	Green	EA	440-2993	$11.09
2950-73	Gray	EA	440-2995	$11.09
2950-73	Black	EA	440-2996	$11.10

Call Customer Service at 800-826-8302

WASTE CONTAINERS

Rubbermaid® Deskside Recycling Containers

Make recycling paper at employees' desks easy with these containers. Featuring a highly visible silkscreen of the recycling program's logo, they offer a convenient way for employees to recycle. Choice of 3 sizes to meet any office need. Blue with standard white recycle symbol. 12/case.

Mfg Part #	Capacity	Dimensions	Unit	Stock #	PRICE
2955-73	13⅝-qt	11⅜" x 8¼" x 12⅛"H	EA	440-2407	$7.90
2956-73	28⅛-qt	14⅜" x 10¼" x 15"H	EA	440-2411	$8.52
2957-73	41¼-qt	15¼" x 11" x 19⅞"H	EA	440-2415	$16.23

Recycling Containers

Use these blue containers to collect recyclable materials throughout your facility. Various sizes to meet all of your needs. Hot stamped recycle logo in white for quick and easy recognition. Add a dolly (#618-2241) to the Bronco™ containers for a mobile unit. Bronco lids have an 8″ diameter hole.

Description	Unit	Stock #	PRICE
Bronco Containers			
20-gal Container	EA	618-2280	$26.22
20-gal Lid w/hole	EA	618-2281	$6.63
32-gal Container	EA	618-2282	$35.50
32-gal Lid w/hole	EA	618-2283	$10.72
44-gal Container	EA	618-2284	$53.80
44-gal Lid w/hole	EA	618-2285	$19.72
Rolling Bronco Container			
50-gal Rolling Container w/lid	EA	618-2286	$118.64
TrimLine Container			
23-gal 20″L x 10¾″W x 30″H	EA	618-2287	$48.83

Bronco™ Rolling Container

This 50-gallon rolling container has the same sturdy construction as other Carlisle containers. Super heavy-duty axle and oversize traction wheels make hauling heavy loads easy. Unique handle design gives sure grip even when wet. Deep-pocket foot tilt allows for easy maneuverability. Sturdy hinged lid flips open for access while staying with the container - snaps shut tight. 21″ L x 21″ W x 38¼″ H.

Color	Dimensions	Wt	Unit	Stock #	PRICE
Gray	21″ L x 21″ W x 38¼″ H	21.4	EA	618-2238	$116.20
Blue w/recycle logo	21″ L x 21″ W x 38¼″ H	21.4	EA	618-2286	$118.64

Rubbermaid® Square Brute® Rollout Container

A 2-wheel cart and container in one, the Square Brute Big Wheel is surprisingly versatile. It will haul odd loads, trash, or foodstuffs around the plant with ease. It goes up and down stairs on big, 8″ wheels. 50-gallon capacity. Lid included. 28-1/2″L x 23-3/8″W x 36-1/2″H. 2/case.

Color	Wt	Unit	Stock #	PRICE
White	27	EA	440-2520	$156.46
Yellow	27	EA	440-2592	$150.44
Blue	27	EA	440-2591	$150.44
Green	27	EA	440-2521	$156.46
Gray	27	EA	440-2590	$150.44

Prices subject to change.

Linear Low Density Trash Bags

Provide excellent combination of strength, puncture resistance, and tear resistance. Ideal for sharp objects and where transport conditions are tough.

Size	Capacity	Color	Mil Thickness	Qty/Case	Wt	Unit	Stock #	PRICE
Light Weight (Less than 0.50 mil)								
17″ x 17″	4-gallon	Clear	.35 mil	1000/ca	14.11	CA	425-6045	$17.90
Heavy Weight (0.50 mil - 1.0 mil)								
24″ x 23″	8 to 10-gal	Clear	.55 mil	50/rl, 10 rl/ca	11.625	CA	425-2310	$27.01
24″ x 23″	8 to 10-gal	Black	.90 mil	500	18.705	CA	425-2004	$44.32
24″ x 32″	12 to 16-gal	Black	.90 mil	500	23	CA	425-2005	$61.45
30″ x 36″	20 to 30-gal	Black	.90 mil	200	15.74	CA	425-2250	$31.64
30″ x 36″	20 to 30-gal	Clear	.90 mil	200	14.52	CA	425-6035	$31.64
30″ x 36″	20 to 30-gal	Black	.5 mil	250	9	CA	425-2100	$21.92
30″ x 45″	20 to 30-gal	White	.90 mil	200	16.2	CA	425-2315	$39.39
43″ x 47″	56-gal	Clear	.9 mil	100	12.69	CA	425-2050	$29.39
Extra Heavy Weight (1.1 mil - 1.4 mil)								
24″ x 32″	12 to 16-gal	Clear	1.0 mil	500	26.8	CA	425-6005	$68.43
30″ x 36″	20 to 30-gal	Black	1.2 mil	250	24.215	CA	425-2085	$40.75
33″ x 39″	33-gal	Clear	1.1 mil	250	23.84	CA	425-6010	$57.39
40″ x 46″	40 to 45-gal	Clear	1.1 mil	125	16.855	CA	425-6015	$41.08
40″ x 46″	40 to 45-gal	Black	1.35 mil	100	16.515	CA	425-2065	$28.91
40″ x 53″	55-gal	Black	1.3 mil	20/rl, 5 rl/ca	18.4	CA	425-2325	$44.74
38″ x 58″	60-gal	Black	1.35 mil	100	20.37	CA	425-2070	$34.46
Super Heavy Weight (over 1.5 mil)								
33″ x 39″	33-gal	Black	1.5 mil	100	13.585	CA	425-2060	$22.46
40″ x 46″	40 to 45-gal	Clear	1.5 mil	100	19.2	CA	425-6020	$44.68
44″ x 55″	56-gal	Clear	1.6 mil	100	26.73	CA	425-6025	$70.15
44″ x 55″	56-gal	Gray	1.6 mil	100	25.38	CA	425-2205	$70.15
43″ x 46″	56-gal	Black	1.5 mil	100	19.955	CA	425-2075	$34.46
38″ x 58″	60-gal	Black	1.8 mil	100	27.195	CA	425-2080	$45.96
38″ x 58″	60-gal	Clear	1.75 mil	100	26.505	CA	425-6030	$62.51

AccuFit® Linear Low Density Trash Bags

Designed specifically for the most common 32, 44 and 55-gallon round trash can sizes on the market (example: BRUTE® and Bronco™ containers). Don't pay for plastic you don't need - choose the liner with an exact fit!

Linear low density bags provide an excellent combination of strength, puncture resistance and tear resistance. Ideal for sharp objects and where transportation conditions are tough.

Size	Capacity	Color	Mil Thickness	Qty/Case	Wt	Unit	Stock #	PRICE
32-Gallon capacity								
33″ x 44″	32 gallons	Black	.9	20/rl, 5 rls/ca	9.51	CA	425-2320	$21.12
33″ x 44″	32 gallons	Clear	.9	20/rl, 5 rls/ca	9.705	CA	425-2340	$21.12
33″ x 44″	32 gallons	Black	1.3	20/rl, 5 rls/ca	10	CA	425-2345	$30.64
44-Gallon capacity								
37″ x 50″	44 gallons	Black	.9	20/rl, 5 rls/ca	10	CA	425-2360	$26.97
37″ x 50″	44 gallons	Clear	.9	20/rl, 5 rls/ca	10	CA	425-2355	$26.97
37″ x 50″	44 gallons	Black	1.3	20/rl, 5 rls/ca	10	CA	425-2350	$38.86
55-Gallon capacity								
40″ x 53″	55 gallons	Clear	.9	20/rl, 5 rls/ca	10	CA	425-2370	$30.90
40″ x 53″	55 gallons	Black	.9	20/rl, 5 rls/ca	10	CA	425-2375	$30.92
40″ x 53″	55 gallons	Clear	1.3	20/rl, 5 rls/ca	10	CA	425-2365	$44.73
40″ x 53″	55 gallons	Black	1.3	20/rl, 5 rls/ca	18.4	CA	425-2325	$44.74

Call Customer Service at 800-826-8302

TRASH CAN LINERS

High Density Trash Bags

Ideal for paper and non-sharp objects under standard transport conditions. Low tear resistance. Uses less plastic than Linear Low-Density Bags. Excellent dry and wet load capacity.

Size	Capacity	Gauge	Color	Qty/Case	Wt	Unit	Stock #	PRICE
Light Weight (6-8 micron)								
20" x 22"	7-gal	6 micron	Natural	50/rl; 40 rls/ca	14	CA	425-2295	$38.14
24" x 24"	8 to 10-gal	8 micron	Black	50/rl; 20 rl/ca	14.2	CA	425-2735	$33.52
24" x 24"	8 to 10-gal	8 micron	Natural	50/rl; 20 rl/ca	14.02	CA	425-2710	$33.52
24" x 33"	12 to 16-gal	8 micron	Black	50/rl; 20 rls/ca	16.9	CA	425-2305	$46.12
24" x 33"	12 to 16-gal	8 micron	Natural	50/rl; 20 rl/ca	16.9	CA	425-2300	$46.05
Heavy Weight (13-16 micron)								
30" x 37"	20 to 30-gal	12 micron	Black	25/rl; 20rls/ca	18.03	CA	425-2790	$42.56
30" x 37"	20 to 30-gal	16 micron	Natural	500	25.3	CA	425-2740	$56.96
33" x 40"	33-gal	16 micron	Natural	25/rl; 10 rl/ca	15.33	CA	425-2715	$33.94
33" x 40"	33-gal	16 micron	Black	25/rl; 10 rl/ca	14.47	CA	425-2785	$33.95
37" x 46"	44-gal	14 micron	Natural	25/rl; 10 rl/ca	15.92	CA	425-6014	$38.16
40" x 48"	40 to 45-gal	16 micron	Natural	25/rl; 10 rl/ca	22.26	CA	425-6004	$49.41
38" x 60"	60-gal	16 micron	Natural	25/rl; 8 rl/ca	18.9	CA	425-2725	$46.82
Extra Heavy Weight (17-20 micron)								
40" x 48"	40 to 45-gal	19 micron	Natural	25/rl; 8 rl/ca	20.74	CA	425-2720	$46.82
36" x 60"	55-gal	17 micron	Natural	200	19	CA	425-2705	$47.13
43" x 48"	56-gal	17 micron	Natural	200	20.24	CA	425-2745	$44.82
Super Heavy Weight (21+ micron)								
40" x 48"	40 to 45-gal	22 micron	Black	25/rl; 6 rl/ca	16.4	CA	425-2090	$40.64
38" x 60"	60-gal	22 micron	Black	25/rl; 6 rl/ca	20.93	CA	425-2765	$48.34

Rubbermaid® GroundsKeeper™ Cigarette Waste Collector

Keep cigarette butts from being littered on the ground with this cigarette waste collector. Designed to extinguish cigarettes and discourages mixing of other ignitable litter with the butts. Durable all plastic exterior and galvanized metal receptacle. 1-gallon capacity. Easy to empty design. 12.25" sq x 39.4"H.

Color	Wt	Unit	Stock #	PRICE
Beige	15.5	EA	440-2011	$136.29
Black	12	EA	440-2010	$136.29
Brown	15.5	EA	440-7167	$136.29

Prices subject to change.

Rubbermaid® TradeMaster®
Mobile Cabinets & Work Centers

Transport all of your supplies and perform tasks anywhere with these unique work centers. All carts feature a 3-outlet power strip with cord wrap and locking mechanism. Metal reinforced structural foam shelves for added support and durability. 5″ non-marking casters. Shelves are adjustable. Black with red drawers and cabinets.

Mfg Part#	Description	Size	Wt	Unit	Stock #	PRICE
4512	2-Door cabinet	41⅝″ x 18¼″ x 38⅜″H	57	EA	440-2632	$588.03
4513	4 Drawers	40⅝″ x 18⅜″ x 33⅜″H	87	EA	440-2634	$809.97
4532	2-Door cabinet with 2 shelves	49″ x 26¼″ x 38¼″H	84	EA	440-2636	$806.07
4533	4 Drawers and 1 door cabinet with 1 shelf	49″ x 26¼″ x 38″H	123	EA	440-2638	$1,053.38
4548	4 Drawers and 1 door cabinet with 1 shelf	58⅝″ x 26⅜″ x 33¼″H	127	EA	440-2641	$1,213.01

Rubbermaid® Cube Trucks

Made to withstand the rigors of a food processing environment, this truck combines style, strength, and color to move anything from bulk materials to finished product easily and efficiently. Metal frame provides durable support. All-plastic construction and smooth interiors are easy to clean. USDA Meat and Poultry compliant. Lid sold separately.

Mfg Part#	Color	Wt	Unit	Stock #	PRICE
8 cu. ft. - 300# capacity -38″ x 26″ x 28-1/8″H					
4608	White	36	EA	440-7045	$385.52
4608	Blue	36	EA	440-2172	$385.52
4608	Black	36	EA	440-2110	$385.52
12 cu. ft. - 400# capacity - 42-3/4″ x 28″ x 33″H					
4612	White	40	EA	440-2146	$504.29
4612	Blue	40	EA	440-2176	$504.29
4612	Black	40	EA	440-2156	$504.29
14 cu. ft. - 500# capacity - 44-1/4″ x 31″ x 32-1/2″H					
4614	White	47	EA	440-2148	$564.65
4614	Blue	47	EA	440-2174	$564.65
4614	Black	47	EA	440-2158	$564.65
16 cu. ft. - 500# capacity - 43-3/4″ x 31″ x 37″H					
4616	White	51	EA	440-7038	$613.32
4616	Blue	51	EA	440-2171	$613.33
4616	Black	51	EA	440-2160	$613.32
20 cu. ft. - 600# capacity - 48″ x 34-1/10″ x 36-1/2″H					
4619	Black	60	EA	440-7226	$718.47
Lids					
4609	Black - for 4608	13.5	EA	440-7039	$214.17
4613	Black - for 4612	15	EA	440-7006	$234.63
4615	Black - for 4614 and 4616	17.2	EA	440-7003	$253.12
4617	Black - for 4619	18.74	EA	440-2460	$271.63

Call Customer Service at 800-826-8302

TILT TRUCKS

Rubbermaid® Tilt Trucks

Rubbermaid Tilt Trucks are designed for many types of food plant applications: waste containers for processing scraps, finished goods collection, or refuse bins. A single operator can roll one of these maneuverable trucks to any location needed and dump contents quickly and easily. These trucks have a durable, plastic construction that bounces back for long life even in the most demanding environments. Constructed of USDA and FDA compliant materials. Their smooth interior will not support bacterial growth. One-piece construction makes these tilt trucks easy to clean with high-pressure water or steam.

Rubbermaid® Smaller Tilt Trucks

Completely reengineered for improved stability and better value. Funnel-shaped body directs contents for quick, easy emptying. Ergonomic details such as molded-in hand grip afford greater leverage and control when dumping. Inset wheel design helps prevent damage to interior surfaces and equipment. Adding plastic and reducing the metal frame has eliminated the rigid top rim that can damage walls and door frames. They nest 4-high for easy storage. Select Utility, Standard, or Heavy-duty based on maximum load weight. Black. See our color-coded insert for available colored units.

Mfg Part#	Description	Max. Load	Unit	Stock #	PRICE
1/2 Cubic Yard, 100-Gallon Capacity, 60-1/2" x 28" x 38-5/8"H					
1304	Utility	450-lb	EA	440-2102	$718.47
1305	Standard	850-lb	EA	440-2105	$1,031.95
1306	Heavy-duty	1400-lb	EA	440-2106	$1,203.29
1307	Domed lid	-	EA	440-7113	$196.65
1 Cubic Yard, 200-Gallon Capacity, 72-1/4" x 33-1/2" x 43-3/4"H					
1314	Utility	850-lb	EA	440-2114	$971.58
1315	Standard	1250-lb	EA	440-2115	$1,327.89
1316	Heavy-duty	2100-lb	EA	440-2116	$1,530.40
1317	Domed lid	-	EA	440-7075	$267.72

Rubbermaid® Larger Tilt Trucks

Featuring a proven, sanitary design that is popular throughout the food industry, and built for larger capacities, these sturdy polyethylene trucks offer many advantages over steel. Quiet operating vulcanized rubber wheels carry the load, while casters in the rear provide maneuverability. Heavy-duty model has additional side rails for extra support. Black. Made to order item. Non-returnable.

Mfg Part#	Description	Size	Max. Load	Unit	Stock #	PRICE
1-1/2 Cubic Yard, 303-Gallon Capacity						
1025	Standard	80½" x 43" x 49½"H	1200-lb	EA	440-2030	$2,463.03
1026	Heavy-duty	80½" x 43" x 49½"H	2100-lb	EA	440-2016	$2,735.63
1027	Flat lid	-	-	EA	440-7122	$607.49
2 Cubic Yard, 404-Gallon Capacity						
1035	Standard	81¼" x 46¾" x 50"H	1900-lb	EA	440-2017	$2,901.13
1036	Heavy-duty	81¼" x 46¾" x 50"H	2300-lb	EA	440-2031	$3,140.62
2-1/2 Cubic Yard, 505-Gallon Capacity						
1045	Standard	81½" x 55½" x 50"H	1900-lb	EA	440-2032	$3,214.60
1046	Heavy-duty	81½" x 55½" x 50"H	2300-lb	EA	440-2026	$3,424.89

Prices subject to change.

Tilt Trucks

Lightweight, rotational molded design makes these tilt trucks maneuverable by one person. Non-marking swivel casters allow for easy transportation of any materials or waste that you need to move around your facility.

Color	Capacity	Size	Unit	Stock #	PRICE
Light-Duty Tilt Truck					
Black	450-lb	5/8 yd	EA	618-7150	$564.77
Standard-Duty Tilt Truck					
Black	850-lb	5/8 yd	EA	618-7151	$609.04
Black	850-lb	1 yd	EA	618-7154	$665.45
Black	1200-lb	1-1/2 yd	EA	618-7157	$1,284.49
Heavy-Duty Tilt Truck					
Black	1200-lb	1 yd	EA	618-7155	$733.99
Lid For Tilt Trucks					
Black		5/8 yd	EA	618-7153	$187.78
Black		1 yd	EA	618-7156	$218.48
Black		1-1/2 yd	EA	618-7158	$281.32

Rubbermaid® Platform Trucks

Sturdy Duramold™ resin & metal composite structure will not dent, rust, chip, peel, or splinter, making this platform truck virtually maintenance free! Built for durability and efficient transportation of heavy loads. Variable grip-height handle improves control and worker safety. Textured deck surface reduces load slippage. Four molded-in tie-down slots for securing loads. Black.

Mfg Part#	Capacity	Caster Material	Unit	Stock #	PRICE
24"W x 48"L					
4436	2000-lb	Rubber	EA	440-2153	$630.86
4441	2500-lb	Polyolefin	EA	440-7179	$644.47
30"W x 60"L					
4466	2000-lb	Rubber	EA	440-2154	$726.24
4471	2500-lb	Polyolefin	EA	440-2155	$745.73

Stainless Steel Platform Trucks

Rugged stainless steel construction is capable of handling your biggest jobs; 14-gauge, type 304 stainless deck has a 2B finish. Stainless steel handle is removable. Plated casters, using 6" poly wheels, give an overall deck height of 9-5/8". 2000-lb capacity. Open area beneath deck can be enclosed in stainless steel by special order. Direct ships from manufacturer. Freight charges will apply.

Size	Unit	Stock #	PRICE
24"W x 44"L	EA	366-1100	$548.04
30"W x 56"L	EA	366-1125	$604.22

Call Customer Service at 800-826-8302

UTILITY CARTS

Stainless Steel Utility Carts

Constructed of 304 stainless steel for superior strength and durability. Easy to clean tig welded construction provides added durability. Non-marking soft rubber bumpers prevent scratches and scuffs on walls. Ships fully assembled.

Dimensions	Capacity	Wt	Unit	Stock #	PRICE
2-Shelf Carts					
35.75"L x 21"W x 36" H	700-lb	130.3	EA	618-2330	$614.79
3-Shelf Carts					
27"L x 15.5"W x 32.5"H	500-lb	44	EA	618-2315	$231.66
27"L x 18" W x 36"H	500-lb	57.5	EA	618-2320	$252.45
35"L x 21"W x 36"H	500-lb	70	EA	618-2325	$430.64

Flat Utility Carts

Available in four colors to compliment your color-coded program. Injection-molded thermoplastic, three-shelf carts will not chip, warp, crack, rust or peel. Easy and quiet-rolling 4" swivel casters, two with locking brakes. Load capacity approximately 300 lbs. All carts have square black legs. 18"D x 24"W x 34"H. Ships unassembled. Made in the USA.

LUXOR

Color	Wt	Unit	Stock #	PRICE
Red	28	EA	629-2000	$116.28
Blue	28	EA	629-2002	$114.66
Green	23	EA	629-2003	$116.28
Purple	23	EA	629-2005	$116.28

Rubbermaid® Flat Shelf Utility Carts

Perfect for transporting materials, supplies, and heavy loads in almost any environment. Design features ergonomic push handles for optimum hand placement and push height. Molded-in storage compartments, holsters, hooks, and notches. The flat shelf allows for easy transport of oversized items. Large 5" non-marking casters roll quietly and easily.

Mfg Part#	Color	Capacity	Wt	Unit	Stock #	PRICE
38-4/5"L x 19-1/5"W x 33-1/3"H						
4505	Beige	500-lb	30	EA	440-2720	$260.91
4505	Black	500-lb	30	EA	440-2746	$260.91
44"L x 25-1/4"W x 33-1/3"H						
4525	Beige	500-lb	41	EA	440-2725	$289.15
4525	Black	500-lb	41	EA	440-2747	$289.15
54"L x 25-1/4"W x 36"H						
4545	Beige	750-lb	52.37	EA	440-2758	$457.56
4545	Black	750-lb	52.37	EA	440-2756	$457.56

Rubbermaid®
Commercial Products

Economy Flat Top Utility Cart

Durable cart, made of easy care structural polypropylene foam, yet has a 500-lb load capacity at a price you can afford. Features molded-in handles, parts tray, and hook for utility cord or waste container. Convenient knock-down design that's easy to assemble. Gray.

Size	Wt	Unit	Stock #	PRICE
19"W x 40"L x 32½"H	41	EA	618-6079	$198.86

Prices subject to change.

Rubbermaid® Utility Carts

Seamless construction means leakproof top is sanitary and easy to clean. Lightweight and easy to maneuver. Structural foam material can't dent, chip, or flake. 5″ rubber casters—front fixed, rear swivel—ensure quiet operation. Not considered a direct food contact surface. Deep pocket shelves keep contents in place. Variable grip-height handle improves control and worker safety. Optional single drawer, refuse bin, or power strip available.

Mfg Part#	Color	Capacity	Wt	Unit	Stock #	PRICE
39″L x 17.88″W x 33.25″H						
4500-88	Beige	500-lb	28	EA	440-2712	$243.38
4500-88	Black	500-lb	28	EA	440-2704	$243.38
44″L x 25.25″W x 39″H						
4520-88	Beige	500-lb	45	EA	440-2717	$276.46
4520-88	Black	500-lb	45	EA	440-2722	$276.46
55″L x 26″W x 33.25″H						
4546	Beige	750-lb	55.37	EA	440-2631	$482.85
4546	Black	750-lb	55.37	EA	440-2630	$482.85

Rubbermaid®
Commercial Products

Economy Utility Carts

Excellent for transporting equipment and loads. Durable and chemical-resistant plastic composition will not rust, dent, chip, or peel. Holds up to 500-lbs. Convenient knock-down design that's easy to assemble. Shelf is 3.5″ D. Gray.

CARLISLE
SANITARY MAINTENANCE PRODUCTS

Dimensions	Wt	Unit	Stock #	PRICE
40″L x 17¼″W x 33½″H	35.27	EA	618-7591	$176.23
45″L x 25″W x 33″H	41.45	EA	618-7593	$200.12

Flat Top Utility Carts

Built-in Microban® antimicrobial product protection like the Deep Ledge utility carts, but with flat top shelves that easily wipe clean and won't stain. 300-lb weight capacity. Now with recessed handle and small utility tray in front of handle. NSF listed. Blue. Additional sizes available.

Size	Wt	Unit	Stock #	PRICE
18″W x 31″L x 35″H				
2-shelf	24.45	EA	441-2080	$182.45
23″W x 34″L x 35″H				
2-shelf	29.3	EA	441-2084	$196.22

Deep Ledge Utility Cart

Polymer shelves have built-in Microban® antimicrobial product protection. Shelves easily wipe clean, and the Microban helps keep shelves "cleaner between cleanings" by inhibiting bacteria, mold, and mildew growth. Blue.

Size	Capacity	Wt	Unit	Stock #	PRICE
21-1/2″W x 33-3/4″L x 41″H					
2-shelf	300-lb	33.1	EA	441-2000	$206.55
3-shelf	400-lb	42.4	EA	441-2002	$254.06

Wire Utility Carts

Heavy-duty, highly maneuverable. Open construction minimizes dust accumulation, maximizes air circulation and drainage. 5″ swivel casters with bumpers and resilient wheels. One-piece handle. 39″ high from floor to handle. Load capacity approximately 500-lbs. Shipped knocked-down—easy to assemble.

Description	Size	Wt	Unit	Stock #	PRICE
Chrome					
2-shelf	18" x 36"	40	EA	441-2029	$218.03
2-shelf	21" x 42"	46	EA	441-1013	$255.44
3-shelf	18" x 36"	50	EA	441-2047	$252.64
3-shelf	21" x 42"	46	EA	441-1033	$313.61
Stainless Steel					
2-shelf	18" x 36"	46	EA	441-7003	$727.06
2-shelf	21" x 42"	46	EA	441-7005	$685.87
3-shelf	18" x 36"	46	EA	441-7001	$899.18
3-shelf	21" x 42"	46	EA	441-7004	$1,072.68

Call Customer Service at 800-826-8302

BULK BINS

MACX® 48 Bulk Bin

The 48″ x 48″ size of the MACX bin is used commonly in the produce industry, but can also be utilized in a variety of applications within the food industry. Its larger size is ideal when maximum capacity is needed. Made from FDA-compliant heavy-duty, high-density poly-ethylene structural foam materials. Four-way entry allows for easier handling and maneuverability. Stacks up to 10 high when fully loaded.

- Weight capacity: 1500-lbs.
- Volume capacity: 23.3 bushels, 217 gallons, or 29 cubic feet.
- Dimensions: 48″ x 48″ x 28″H.

Direct ships from manufacturer. Freight charges will apply.

Color	Wt	Unit	Stock #	PRICE
Solid Bin				
White	93	EA	177-2061	$272.82
Yellow	93	EA	177-2062	$272.82
Blue	93	EA	177-2060	$272.82
Gray	93	EA	177-2063	$272.82
Vented Bin				
Gray	93	EA	177-2065	$272.82

MACX® Shipping and Storage Containers

Maximize your food handling efficiency with these stackable, high-density polyethylene structural foam containers. Patented interlocking corners allow you to safely stack up to 10 high. Three containers nest together to save stor-age space and transport costs. Can be high-pressure washed and sterilized. Made from FDA-compliant materials. Short side runners for stability. Long side runner units available.

- Weight capacity: 1500-lbs.
- Volume capacity: 20.4 bushels, 190 gallons or 25.4 cubic feet.
- Dimensions: 40″L x 48″W x 31″H.

Lids available. Direct ships from manufacturer. Freight charges will apply.

Color	Wt	Unit	Stock #	PRICE
Solid				
White	92	EA	177-2036	$258.39
Yellow	92	EA	177-2042	$258.39
Blue	92	EA	177-2037	$258.39
Green	92	EA	177-2039	$258.39
Gray	92	EA	177-2023	$258.39
Vented				
Gray	92	EA	177-2046	$166.00
Lids				
White	-	EA	177-2028	$83.72
Yellow	-	EA	177-2032	$83.72
Blue	-	EA	177-2034	$83.72
Gray	-	EA	177-2038	$83.72

Prices subject to change.

KitBin® Containers

The KitBin shipping and storage containers transform a good idea - the "knock-down" container - into a great idea. That's because, unlike folding-wall containers, the patented KitBin design allows walls to be completely detached from the pallet. Four disassembled containers fit into one KitBin with the pallet bases nested on top.

- Smooth surfaces for easy cleaning and product protection. No splinters, rust or paint chips to contaminate products.
- Made of one-piece FDA-compliant High-Density Polyethylene (HDPE).
- Easy to use - a single worker can assemble the container in less than a minute.
- Removable walls provide easy access for loading and unloading and improve ergonomics for pick-and-pull operations.
- Engineered from maintenance free, high-impact resistant HDPE structural foam for the highest strength-to-weight ratio and easy handling.
- Resists extreme temperatures from -140° to 40°F (-60° to 40°C).
- 4-way forklift entry.
- Stackable up to 6 units high. 6,600-lbs. stacking load capacity.
- Completely recyclable.
- Pallet can be used separately.
- Weight capacity: 1320-lbs.
- Volume: 18 bushels, 163 gallons, or 20 cubic feet.
- Dimensions: External-48" x 40" x 28"H; Internal-44" x 36" x 23"H.

Direct ships from manufacturer. Freight charges will apply.

Description	Wt	Unit	Stock #	PRICE
Gray vented KitBin	84	EA	177-2045	$360.87
Gray solid KitBin	84	EA	177-2015	$360.87

KitBin® XT

Combine the standard features of the KitBin knock-down container with the ability to handle approximately 70% more weight and volume and you have a versatile KitBin XT. Features specially modified panels and stabilizing clips that let you join a second layer of walls together to make a "two-story" container. All panels are interchangeable for ease of handling and lower replacement costs. Made of FDA-compliant High-Density Polyethylene (HDPE).

- Weight capacity: 2220-lbs.
- Volume: 34 bushels, 317 gallons, or 42.4 cubic feet.
- Dimensions: External-48" x 40" x 50"H; Internal-44" x 36" x 44"H.

Direct ships from manufacturer. Freight charges will apply.

Description	Wt	Unit	Stock #	PRICE
Gray solid KitBin XT	123	EA	177-2030	$498.00

Call Customer Service at 800-826-8302

PALLETS

NELSON-JAMESON DEFENDER™ Sanitary Pallet

Guess what is riding on your wood pallets?

Bacteria. Dirt. Insects. Contamination. You never know what rides onto your plant on wood pallets. But you can defend against it. Get the wood out! Use DEFENDER Sanitary Pallets to store products and supplies in your plant. You'll never have to guess what's come along for the ride.

Keep your food products & supplies safe from potential contamination.

DEFENDER is made of 100% USDA/FDA accepted polyethylene. Unlike wood, it can't absorb water. So the pallet is unlikely to become a source of bacteria and mold.

It's washable too!

DEFENDER's one-piece design with solid top deck is easy to clean and sanitize. There are no hidden recesses to catch water and breed contamination. The solid top also protects stored goods against moisture on the floor. And unlike wood, splinters or nails can't tear bags or boxes…which cuts off possible route for contamination.

Tougher construction extends pallet life and saves you money.

Tough, durable polyethylene construction makes DEFENDER lightweight and long-lasting. Pallet life is often measure in trips. Wood pallets may last 5 to 10 trips. Other plastic pallets average 20 to 25 trips. But DEFENDER can LAST UP TO 100 TRIPS. Rugged 40" x 48" single-piece construction has a uniform load capacity of 3000 pounds. So whether you use DEFENDER over-the-road or in-plant, it's sure to save you money.

Available with internal steel reinforcements for pallet rack use. Extra load capacity and other colors available with special order.

- **Specifications:** 48" x 40" x 6.5". USDA & FDA accepted polyethylene. NOT rackable.
- **Easy Handling:** Pallet can be entered on all four sides by forklift and two sides by pallet jack.
- **Non Absorbent:** USDA & FDA accepted polyethylene won't absorb water, a necessary element for bacterial growth.
- **Creates Barrier:** Solid flat top prevents passage of bacteria from unprotected area below pallet to product on top.
- **Washable:** Pallets are easy-to-clean & sanitize with pallet washer, pressure scrubber or by hand.

KitBin® Smooth Pallets

Engineered for the toughest applications in manufacturing, food processing and distribution, the KitBin Pallet is constructed to handle dynamic loads of up to 4,000-lbs. The solid smooth top allows for easy clean-up. Made of one-piece HDPE, which is FDA approved for food processing applications. Pallet is not rackable. 48" x 40" x 5.9"H. Direct ships from manufacturer. Freight charges will apply.

Color	Wt	Unit	Stock #	PRICE
Yellow	43	EA	177-2009	$127.03
Blue	43	EA	177-2005	$127.02
Green	43	EA	177-2008	$127.03
Gray	43	EA	177-2006	$127.03

Prices subject to change.

RACX™ Rackable Pallets

The RACX Pallet is an economical lightweight plastic pallet for a variety of applications. Ideal for warehouse racking systems, floor storage, automated material handling applications, and more. Black standard 48″ x 40″ pallet is made of recycled HDPE plastic. Unsupported racking capacity of 2,200-lbs. Dynamic load capacity up to 5,000-lbs. Red, blue and green are made of FDA approved material. Direct ships from the manufacturer. Freight charges will apply.

Color	Wt	Unit	Stock #	PRICE
Red	34	EA	177-2054	$79.39
Blue	34	EA	177-2055	$79.39
Green	34	EA	177-2056	$79.39
Black	36	EA	177-2040	$53.41

Plastic Export Pallet

Inexpensive one-piece solid pallet designed for exporting product. They are not hollow and do not have parts that can split like wooden pallets. Pallets are nestable to save on storage space and will not jam when stacked. 4-way fork lift entry. 3000-lb. capacity. 48" x 40" x 5"H.

Wt	Unit	Stock #	PRICE
28	EA	227-2000	$40.01

Dunnage Racks

Perfect for storing frozen, cold, or dry goods off the floor. Slotted 12″H deck allows maximum air circulation for perishable or dry goods. NSF approved. Withstands temperatures from -20° to 120°F. Rugged construction of resin and metal composite provides maximum load support.

Mfg Part #	Size	Load Capacity	Wt	Unit	Stock #	PRICE
4489	24″ x 36″	1500-lb	28	EA	440-2643	$207.90
4490	24″ x 48″	2000-lb	35	EA	440-2645	$251.49
4491	30″ x 60″	2000-lb	44	EA	440-2647	$285.95

Wesco® CPI Econcomy Pallet Truck

Large 5,500-lb. capacity at an economical price. Features a 2-year warranty on the hydraulics. All units are equipped with an overload bypass in the pump, rubber coated handle, exit, and entry rollers. Forks are constructed of 8-gauge steel and are 6″ wide. Polyurethane load and steering wheels. Lower height: 2.9″. Raised height: 7.25″. Direct ships from the manufacturer. Freight charges apply.

Size	Wt	Unit	Stock #	PRICE
21″W x 36″L	190	EA	737-2050	$463.53
21″W x 42″L	195	EA	737-2051	$463.53
21″W x 48″L	200	EA	737-2052	$463.53
27″W x 36″L	195	EA	737-2053	$463.53
27″W x 42″L	205	EA	737-2054	$463.53
27″W x 48″L	210	EA	737-2055	$463.53

Wesco® Stainless Steel Pallet Truck

All parts are made of stainless steel for use in the food industry or where corrosive solutions are used. Nylon rollers and wheels for easy cleaning. Three position finger tip control. One-year warranty on the hydraulics. 3.35″ lowered height, 8″ raised height. Forks are 27″W x 48″L x 48″H. 4400-lb capacity. Direct ships from the manufacturer. Freight charges apply.

Wt	Unit	Stock #	PRICE
172	EA	737-2025	$2,434.88

Call Customer Service at 800-826-8302

HAND & DRUM TRUCKS

Wesco® Lightweight Aluminum Hand Truck

Quality lightweight truck at an economical price. 10″ semi-pneumatic wheels with a steel hub. Heavy-duty aluminum 7.5″ x 14″ noseplate. Twin handles with vinyl grips. 600-lb capacity. 49″H x 18″W. Available with other wheel types. UPS-able.

Model	Wt	Unit	Stock #	PRICE
450-T14-Z	28	EA	737-2030	$173.57

Deluxe Hand Truck with Stairglides

An exceptional value. Constructed of 11/16″ steel pipe. Double welded. Stairglides make climbing stairs and curbs almost effortless. 10″ x 2-3/4″ semi-pneumatic wheels. Orange. 500-lb capacity. 48″ x 14″ plate. 46″H x 20″W. UPS-able.

Model	Wt	Unit	Stock #	PRICE
282SP	38	EA	437-1043	$144.22

Wesco® Combination Drum and Hand Truck

800-lb capacity hand truck that can handle 5-gallon pails, kegs, and 55- or 30-gallon drums. Chime hook works with 55 and 30 gallon drums, and rotates out of the way when not in use. 8″ cast iron center, moldon rubber wheels. Frame manufactured of schedule 40 pipe with all joints double welded. 5-year guarantee against weld failure. 48″H x 19.75″W. Available with other wheel types. UPS-able.

Model	Wt	Unit	Stock #	PRICE
156DH-HB	42.5	EA	737-2005	$164.36

Wesco® Ergonomic Drum Truck

Ergonomic swivel caster design reduces operator muscle strain and fatigue. Swivel casters allow for smooth and tight turns in narrow work areas. Industrial strength heavy-duty 1″ structural pipe frame. 10″ cast iron center moldon rubber wheels. 1000-lb. capacity. 60″H x 24″W. Direct ships from manufacturer. Freight charges apply.

Model	Wt	Unit	Stock #	PRICE
15BTC	79	EA	737-2010	$457.75

Wesco® Combination Drum Truck/Dispenser

Multifunctional drum truck allows you to move drums on 4 wheels and acts as a drum cradle for storage or dispensing. Frame clearance for dispensing into 5-gallon pails. Polyolefin rollers allow for easy faucet positioning of drum. 10″ cast iron center moldon rubber wheels. Rear axle allows for loading and unloading drums from pallets. Kickstand allows truck to stand upright. 1000-lb capacity. 56.5″H x 24″W. 16.5″ drain height. Direct ships from manufacturer. Freight charges apply.

Model	Wt	Unit	Stock #	PRICE
30BT	82	EA	737-2035	$330.87

Rock-It Barrel Lift and Drum Stand

This economical rack can be easily and safely loaded by one person. Safety features include double-welded construction, skid resistor frame, and a chime hook in the nose plate. 4″ steel wheels and 2-1/2″ steel swivel casters. Orange. 1000-lb capacity. Length: 30". Width: 22". Height: 22-1/2". Drain height: 20-3/4". Available with rubber, polyolefin wheels, or no wheels at all. Optional handle sold separately. UPS-able.

Model	Wt	Unit	Stock #	PRICE
Barrel Lift & Drum Stand				
DS2	35	EA	437-1005	$166.94
36″ Optional Zinc Plated Handle				
DSH	4.505	EA	437-1002	$18.72

Drum Caddy

Designed for safety, this inexpensive piece of equipment allows you to transport drums easily with a forklift. Steel band slips over drum and is tightened by hand. 5″ x 3″ pivoting fork pockets make dispensing a breeze. Choice of 30-gallon or 55-gallon model. UPS-able. Direct ships from manufacturer. Freight charges apply.

Model	Description	Wt	Unit	Stock #	PRICE
DC30	30-gal	18	EA	437-1205	$84.95
DC55	55-gal	20	EA	437-1210	$96.76

Prices subject to change.

Stainless Steel Drum Dollies

Ideal for wet environments. Zinc-coated casters use 3″ rubber wheels. 30-gallon model is 19″ ID while 55-gallon model is 24″ ID. Both have 800-lb capacity. 6-1/8″ overall height to top of ring.

Model	Wt	Unit	Stock #	PRICE
30-gal	17.5	EA	366-1030	$111.95
55-gal	20	EA	366-1055	$125.60

Steel Drum Dollies

Make your 55-gallon drums mobile for less expense than you may think. Four 2-1/2″ casters are welded to the frame for greater strength. Poly casters give a load capacity rating of 700-lbs, while steel casters increase the capacity to 900-lbs. 23-1/4″D x 5-1/4″H. UPS-able. Direct ships from manufacturer. Freight charges apply.

Model	Caster Type	Wt	Unit	Stock #	PRICE
435R	Poly	16	EA	437-1020	$71.23
435S	Steel	17	EA	437-1021	$102.26

Rubbermaid® Universal Round Dolly

Don't worry about rust with this rugged dolly. Handles up to a 55-gallon drum or BRUTE® container with ease. 500-lb capacity. 24-2/5″ diameter x 7-1/8″H.

Rubbermaid®
Commercial Products

Mfg Part#	Wt	Unit	Stock #	PRICE
2650	11.65	EA	440-2328	$126.37

Economy Round Container Dolly

CARLISLE

Twist-to-lock dolly fits all Bronco™ and round Brute® containers, except 10-gallon, and many other brands of round containers. Features press-fit non-marking 3″ casters. Black.

Wt	Unit	Stock #	PRICE
5.815	EA	618-2241	$41.76

Lil' Dolly™

This versatile Lil' Dolly allows you to move 5-, 6-, and 15-gallon pails and drums around the plant with ease. Five 1-5/8″ diameter dual wheel, swivel stem casters resist tipping and allow for effortless mobility. Manufactured from high-impact, corrosion resistant plastic for extra strength and durability. 75-lb. capacity. 11″ ID. White. See our color-coded insert for available colored units.

Unit	Stock #	PRICE
EA	065-2805	$26.53

Pail Cruzer™

Move pails easily with this tough, chemical resistant polymer Pail Cruzer. Upright receptacles hold handled or poled tools, while the wheel lock keeps the unit in place on uneven surfaces. Adjustable buckle locks bucket into place. Heavy-duty non-marking industrial casters include ball bearing swivels. 150-lb capacity. Pail and brushes sold separately.

Unit	Stock #	PRICE
EA	355-2000	$46.20

Call Customer Service at 800-826-8302

DRUMP PUMPS

Power Drum Pumps

Use our reliable, easy to use power drum pumps to save time and prevent accidents when emptying drums. Power unit and pump tube are sold separately. For a power unit, select either 3/4 hp electric or 1/3 hp air-powered motor. Pump tube features integral 39″ draw tube, are available in either durable lightweight polypropylene or heavy-duty stainless steel. Both are suited to handle most acid and alkaline solutions. For food and beverage applications, select the USDA approved sanitary tube #345-1242. SS pump tubes are 316 stainless for added corrosion protection.

All pumps have a 1″ discharge hose connection. Temperature limits: polypropylene 130°F, stainless 175°F. Capacity: 25 gpm. Viscosity limit: 1500 cps. Motor and pump tube sold separately. Call us for specific chemical compatibility.

Description	Specifications	Unit	Stock #	PRICE
Pump Tube				
Polypropylene	39″ x 1⅝″ dia	EA	345-1235	$299.62
Stainless steel	39″ x 1⅝″ dia	EA	345-1240	$503.62
Stainless steel	39″ x 1½″ dia	EA	345-1241	$1,344.42
Sanitary stainless steel (USDA)	39″ x 1½″ dia	EA	345-1242	$1,344.42
Motor				
Air motor	100 psi, 22 cfm	EA	345-1205	$321.93
Electric motor	110-120V, 1 phase, 825 watt	EA	345-1202	$379.31

Hi-Capacity Drum Pumps

Our best-selling drum pumps deliver a hefty 28-oz per stroke. UL-listed, they come complete with 3′ flexible hose and 2″ IPS adapter to fit most drums. Check this unmatched list of features:

- Viton seals
- Solvent-welded construction
- Self-priming
- Will not siphon
- Pumps a gallon in less than 6 strokes
- All adapters depth-adjust to fit any size container
- Safe. Uses no pressure
- Operates by lifting action only

Choice of 2 models. Both measure 1-1/2″ dia. x 38″L with PVC body and shaft. Chemical suitability should be determined by user, or call for recommendations.

- Model 236PF3-S: For use with most acids, including 50% sulfuric up to 120°F.
- Model 436PF3-S: For use with most alkalis, detergents, acetic acid, methyl alcohol, and hydrochloric acid (30% at 100°F).

Description	Unit	Stock #	PRICE
236PF3-S pump	EA	065-2005	$75.82
436PF3-S pump	EA	065-2020	$72.15

Bung Adapters for High Capacity Drum Pumps

Accomodate almost any style of drum opening. For use with 1-1/2″ diameter pumps.

Description	Unit	Stock #	PRICE
Fits into 2" buttress thread	EA	065-2106	$6.79
Fits over 3 mm polycarboy mouth	EA	065-2108	$33.87
Fits into 2" (nom.) CCA buttress thread	EA	065-2110	$15.65
Fits into 2" IPS thread (std. on pumps above)	EA	065-2112	$6.51

EZI-Action™ Drum Pumps

Eliminate the need for numerous types of pumps for different chemicals. Constructed of FDA compliant polypropylene and polyethylene plastic, this pump is suitable for ingredients, acids, alkalines, chlorines, water, soaps, oils, diesel, and more. Do not use with strong solvents, highly flammable liquids, or gasoline.

- Anti-pumping safety device.
- Outlet spout swivels - no drips.
- 2 drum adapters per pump.
- Siphons by attaching hose to the spout (use 3/4″ ID hose).
- 24-month warranty.

Size	Output per Stroke	Unit	Stock #	PRICE
55-gal	15-oz	EA	394-2055	$52.79
15- & 30-gal	15-oz	EA	494-2015	$44.37
5-gal	6-oz	EA	494-2005	$36.72
Accessories				
Service kit		KT	494-2000	Call

EZI-Action™ Safety Measure

Provides a safe and easy way to measure and handle chemicals. Fits any of the EZI-Action pumps. Graduations in ounces and milliliters. Kit includes a 32-oz measure, safety measure spout, label with which to identify chemical, and white cap.

Description	Unit	Stock #	PRICE
Safety measure	EA	494-2032	$10.71
Red cap	EA	494-2033	$1.07
White cap	EA	494-2034	$1.07

Prices subject to change.

Lo-Capacity Drum Pump

Offering dual capability, this pump not only delivers 11-oz per stroke as a lift pump, but also siphons when handle is fully extended. Handy for draining large, as well as small tanks and containers. 4' hose. 1-1/4" dia. x 36" L. Valves and seals made of Hypalon®. For use with most alkalis, detergents, acetic acid, methyl alcohol, and hydrochloric acid (30% at 100°F).

Description	Unit	Stock #	PRICE
MP-3648-S	EA	065-2010	$40.52

Drum and Pail Pump

This economical pump is perfect for emptying 5-gallon pails and 15-gallon drums. Standard features include a threaded end for 3/4" openings, an adapter for standard 2" IPS bungs, and an 18" dip tube. Height is adjustable when using bung adapter. Delivers 6-oz per stroke. Available with twist handle or strap lock to deter unauthorized use or optional bung adapters.

Description	Unit	Stock #	PRICE
MP-1209-S	EA	065-2040	$28.04

Bung Adapters for Drum and Pail Pump

Description	Unit	Stock #	PRICE
Fits Rieke Sr. pail covers, for BC-12 only	EA	065-2041	$4.13
Fits Rieke Jr. or 111 pail covers, for 1¼" dia. pumps	EA	065-2042	$6.38
Fits 70mm openings, for 1¼" dia. pumps	EA	065-2043	$4.13
Fits standard 2" IPS opening, for 1¼" dia. pumps (included with BC-12-S pump)	EA	065-2044	$6.38

Drum and Pail Pump

Polypropylene and polyethylene construction for chemical resistance. Chemical resistant O-ring for better seal. Threads fit 2" or 3/4" IPS openings; extension tubes adjust depth. Fits 5-gallon up to 55-gallon pails and drums. Can be adjusted to dispense 2-, 4-, 6-, or 8-oz per stroke.

Model	Unit	Stock #	PRICE
2200	EA	561-4555	$26.29

Stainless Steel Drum Pump

A long-lasting pump at an economical price. 316 stainless steel hand pump with Teflon® piston and extension tube. Transfer acids, solvents, corrosive chemicals — even viscous liquids—with ease. 2" IPS polyethylene bung adapter fits most 15-, 30-, and 55-gallon drums. Delivers 8-oz per upstroke. Replacement parts kit includes packing gland, gasket, piston, piston valve, and washer. Not food grade.

Model	Description	Unit	Stock #	PRICE
316T	Stainless drum pump	EA	346-2005	$94.16
-	Replacement parts kit	KT	346-2006	$38.62

One-Ounce Pump

Dispense 1-oz per stroke with this pump. Unique threaded body disassembles for quick sanitary cleaning. The body and head are polypropylene for maximum chemical compatibility. Standard with poly flap valve HDPE, made of FDA and USDA approved materials. The 38mm buttress cap allows for use on a 1-gallon jug or 5-gallon pail with a flexi-spout. White.

Description	Unit	Stock #	PRICE
1-Gallon pump	EA	142-5000	$4.16
5-Gallon pump	EA	483-7000	$2.37

Plastic Spigot
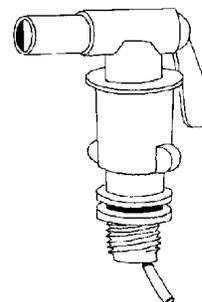
Threaded spigot fits most drum and pail openings. Breather tube prevents "glugging". 3/4" NPT.

Unit	Stock #	PRICE
EA	297-2999	$5.12

Call Customer Service at 800-826-8302

CASTERS & WHEELS

Industrial Casters

Satisfy virtually every caster and wheel need found in food plants with two brand offerings: CSC and Colson® from Nelson-Jameson. We carry both brands to hit different price points and needs. If you don't see what you need, give us a call. Our material handling specialists will work with you to get you rolling…in a hurry! The wheel and caster assemblies listed in the following pages are the most common used in food plants. Many others are available, and even some special orders can be shipped out in a little as 24 hours.

Performa Rubber (Colson)/Thermoplastic (CSC) - Feature a non-marking thermoplastic elastomer bonded to a polyolefin wheel core. Wheels roll easily and quietly with a cushioned ride. Very durable. Excellent for wash down applications.

Duralastomer Polyurethane (CSC): Solid blue cast polyurethane elastomer one piece design eliminates bonding failures - the most durable polyurethane wheel.

Polyolefin (Colson & CSC) - Very light, yet feature superior impact strength. Resist most chemicals. Non-marking floor protection. Impact and abrasion resistant. 100% washable; impervious to water, highly resistant to organic solvents, oil, grease, most chemicals, acids, and cleaning solutions. White polyolefin offered by CSC only.

Phenolic (Colson & CSC) - Filled with macerated fabric. Quieter than steel or aluminum. Hard tread rolls easily and provides superior concrete floor protection. Resistant to hard impacts, most chemicals and steam, oil, grease, and solvents.

HiTech Polyurethane (Colson)/Polyurethane on Polyolefin (CSC) - Treads are mechanically locked to a polyolefin core to prevent debonding. Resist most chemicals. Non-marking and very durable.

Glass Filled Nylon (CSC) - Has the same load capacity of steel. High impact strength, good abrasion and compression resistance, will not flat spot. 100% washable and steam cleanable; not affected by grease, oils, most chemicals and cleaning solutions, salt, and brine.

CSC Brand Stainless Steel Casters

LMSS Series

Equivalent to Colson Series 2.

Wheel Material	Color	Wheel Diameter x Tread Width	Overall Height	Bearing Style	Capacity	Unit	Stock #	PRICE
Swivel Caster								
Thermoplastic	Gray	4″ x 1¼″	5⅛″	Delrin	275-lbs	EA	230-2100	$42.24
Polyolefin	Black	4″ x 1¼″	5⅛″	Plain Bore	275-lbs	EA	230-2102	$21.02
Polyurethane on polyolefin	Red	4″ x 1¼″	5⅛″	Delrin	275-lbs	EA	230-2009	$34.48
Polyurethane	Blue	4″ x 1¼″	5⅛″	Plain Bore	350-lbs	EA	230-2105	$34.90
Thermoplastic	Gray	5″ x 1¼″	6⁹⁄₁₆″	Delrin	330-lbs	EA	230-2107	$35.19
Polyolefin	Black	5″ x 1¼″	6⁹⁄₁₆″	Plain Bore	300-lbs	EA	230-2109	$23.53
Polyurethane on polyolefin	Red	5″ x 1¼″	6⁹⁄₁₆″	Delrin	330-lbs	EA	230-2010	$36.05
Polyurethane	Blue	5″ x 1¼″	6⁹⁄₁₆″	Plain Bore	350-lbs	EA	230-2113	$44.96
Rigid Caster								
Thermoplastic	Gray	4″ x 1¼″	5⅛″	Delrin	275-lbs	EA	230-2101	$30.32
Polyolefin	Black	4″ x 1¼″	5⅛″	Plain Bore	275-lbs	EA	230-2103	$18.57
Polyurethane on polyolefin	Red	4″ x 1¼″	5⅛″	Delrin	275-lbs	EA	230-2104	$26.30
Polyurethane	Blue	4″ x 1¼″	5⅛″	Plain Bore	350-lbs	EA	230-2106	$32.20
Thermoplastic	Gray	5″ x 1¼″	6⁹⁄₁₆″	Delrin	330-lbs	EA	230-2108	$31.86
Polyolefin	Black	5″ x 1¼″	6⁹⁄₁₆″	Plain Bore	300-lbs	EA	230-2110	$20.86
Polyurethane on Polyolefin	Red	5″ x 1¼″	6⁹⁄₁₆″	Delrin	330-lbs	EA	230-2112	$33.24
Polyurethane	Blue	5″ x 1¼″	6⁹⁄₁₆″	Plain Bore	350-lbs	EA	230-2114	$42.29

Prices subject to change.

CASTERS & WHEELS

MDSS Series

Equivalent to Colson Series 4.

Wheel Material	Color	Wheel Diameter x Tread Width	Overall Height	Bearing Style	Capacity	Unit	Stock #	PRICE
Swivel Caster								
Thermoplastic	Gray	4″ x 2″	5⅝″	Roller	400-lbs	EA	230-2120	$54.24
Thermoplastic	Black	4″ x 2″	5⅝″	Roller	400-lbs	EA	230-2122	$53.97
Polyolefin	Black	4″ x 2″	5⅝″	Roller	500-lbs	EA	230-2124	$50.94
Polyolefin	White	4″ x 2″	5⅝″	Roller	500-lbs	EA	230-2126	$51.30
Polyurethane on Polyolefin	Red	4″ x 2″	5⅝″	Roller	500-lbs	EA	230-2128	$54.87
Polyurethane	Blue	4″ x 2″	5⅝″	Roller	750-lbs	EA	230-2130	$66.49
Polyurethane	White	4″ x 2″	5⅝″	Roller	750-lbs	EA	230-2132	$90.89
Glass Filled Nylon	Black	4″ x 2″	5⅝″	Roller	800-lbs	EA	230-2134	$56.44
Thermoplastic	Gray	5″ x 2″	6½″	Roller	500-lbs	EA	230-2136	$56.01
Thermoplastic	Black	5″ x 2″	6½″	Roller	500-lbs	EA	230-2138	$55.97
Polyolefin	Black	5″ x 2″	6½″	Roller	650-lbs	EA	230-2140	$52.40
Polyolefin	White	5″ x 2′	6½″	Roller	650-lbs	EA	230-2142	$55.26
Polyurethane on Polyolefin	Red	5″ x 2″	6½″	Roller	600-lbs	EA	230-2144	$74.50
Polyurethane	Blue	5″ x 2″	6½″	Roller	900-lbs	EA	230-2146	$72.13
Polyurethane	White	5″ x 2″	6½″	Roller	1100-lbs	EA	230-2148	$111.39
Glass Filled Nylon	Black	5″ x 2″	6½″	Roller	1000-lbs	EA	230-2150	$75.56
Thermoplastic	Gray	6″ x 2″	7½″	Roller	600-lbs	EA	230-2152	$61.67
Thermoplastic	Black	6′ x 2″	7½″	Roller	600-lbs	EA	230-2154	$61.67
Polyolefin	Black	6″ x 2″	7½″	Roller	700-lbs	EA	230-2156	$57.15
Polyolefin	White	6″ x 2″	7½″	Roller	700-lbs	EA	230-2158	$57.54
Polyurethane on Polyolefin	Red	6″ x 2″	7½″	Roller	700-lbs	EA	230-2160	$63.66
Polyurethane	Blue	6″ x 2″	7½″	Roller	1000-lbs	EA	230-2162	$86.28
Polyurethane	White	6″ x 2″	7½″	Roller	1100-lbs	EA	230-2164	$143.01
Glass Filled Nylon	Black	6″ x 2″	7½″	Roller	1100-lbs	EA	230-2166	$63.82
Rigid Caster								
Thermoplastic	Gray	4″ x 2″	5⅝″	Roller	400-lbs	EA	230-2121	$38.06
Thermoplastic	Black	4″ x 2″	5⅝″	Roller	400-lbs	EA	230-2123	$37.79
Polyolefin	Black	4″ x 2″	5⅝″	Roller	500-lbs	EA	230-2125	$34.76
Polyolefin	White	4″ x 2″	5⅝″	Roller	500-lbs	EA	230-2127	$35.12
Polyurethane on Polyolefin	Red	4″ x 2″	5⅝″	Roller	500-lbs	EA	230-2129	$38.69
Polyurethane	Blue	4″ x 2″	5⅝″	Roller	750-lbs	EA	230-2131	$50.31
Polyurethane	White	4″ x 2″	5⅝″	Roller	750-lbs	EA	230-2133	$74.71
Glass Filled Nylon	Black	4″ x 2″	5⅝″	Roller	800-lbs	EA	230-2135	$40.26
Thermoplastic	Gray	5″ x 2″	6½″	Roller	500-lbs	EA	230-2137	$40.65
Thermoplastic	Black	5″ x 2″	6½″	Roller	500-lbs	EA	230-2139	$40.62
Polyolefin	Black	5″ x 2″	6½″	Roller	650-lbs	EA	230-2141	$37.04
Polyolefin	White	5″ x 2″	6½″	Roller	650-lbs	EA	230-2143	$39.90
Polyurethane on Polyolefin	Red	5″ x 2″	6½″	Roller	600-lbs	EA	230-2145	$42.30
Polyurethane	Blue	5″ x 2″	6½″	Roller	900-lbs	EA	230-2147	$56.78
Polyurethane	White	5″ x 2″	6½″	Roller	1100-lbs	EA	230-2149	$96.04
Glass Filled Nylon	Black	5″ x 2″	6½″	Roller	1000-lbs	EA	230-2151	$55.34
Thermoplastic	Gray	6″ x 2″	7½″	Roller	600-lbs	EA	230-2153	$45.49
Thermoplastic	Black	6″ x 2″	7½″	Roller	600-lbs	EA	230-2155	$45.49
Polyolefin	Black	6″ x 2″	7½″	Roller	700-lbs	EA	230-2157	$40.97
Polyolefin	White	6″ x 2″	7½″	Roller	700-lbs	EA	230-2159	$41.36
Polyurethane on Polyolefin	Red	6″ x 2″	7½″	Roller	700-lbs	EA	230-2161	$47.49
Polyurethane	Blue	6″ x 2″	7½″	Roller	1000-lbs	EA	230-2163	$70.10
Polyurethane	White	6″ x 2″	7½″	Roller	1100-lbs	EA	230-2165	$115.38
Glass Filled Nylon	Black	6″ x 2″	7½″	Roller	1100-lbs	EA	230-2167	$47.64

Call Customer Service at 800-826-8302

CASTERS & WHEELS

Colson Stainless Steel Casters

colson

Series 2: 1-1/4" Wide Tread

Wheel Material	Wheel Color	Wheel Diameter x Tread Width	Overall Height	Capacity	Unit	Stock #	PRICE
Swivel Caster							
Polyolefin	Black	4 x 1¼	5⅛"	200-lbs	EA	230-1001	$39.62
Polyolefin	Black	5 x 1¼	6³⁄₁₆"	200-lbs	EA	230-1003	$40.60
Performa	Light Gray	4 x 1¼	5⅛"	300-lbs	EA	230-1005	$40.41
Performa	Light Gray	5 x 1¼	6³⁄₁₆"	325-lbs	EA	230-1007	$44.73
HiTech Poly	Red	4 x 1¼	5⅛"	250-lbs	EA	230-1009	$42.12
HiTech Poly	Red	5 x 1¼	6³⁄₁₆"	250-lbs	EA	230-1011	$46.02
Rigid Caster							
Polyolefin	Black	4 x 1¼	5⅛"	200-lbs	EA	230-1002	$38.96
Polyolefin	Black	5 x 1¼"	6³⁄₁₆"	200-lbs	EA	230-1004	$34.61
Performa	Light Gray	4 x 1¼	5⅛"	300-lbs	EA	230-1006	$34.18
Performa	Light Gray	5 x 1¼"	6³⁄₁₆"	325-lbs	EA	230-1008	$42.82
HiTech Poly	Red	4 x 1¼	5⅛"	250-lbs	EA	230-1010	$34.52
HiTech Poly	Red	5 x 1¼	6³⁄₁₆"	250-lbs	EA	230-1012	$38.59

Series 4: 2" Wide Tread

Wheel Material	Wheel Color	Wheel Diameter x Tread Width	Overall Height	Capacity	Unit	Stock #	PRICE
Swivel Caster							
Polyolefin	Black	4 x 2	5⅝"	500-lbs	EA	230-1020	$91.74
Polyolefin	Black	5 x 2	6½"	650-lbs	EA	230-1022	$91.78
Polyolefin	Black	6 x 2	7½"	700-lbs	EA	230-1024	$84.49
Polyolefin	Black	8 x 2	9½"	900-lbs	EA	230-1026	$88.45
Polyolefin	White	4 x 2	5⅝"	500-lbs	EA	230-1028	$80.70
Polyolefin	White	5 x 2	6½"	650-lbs	EA	230-1030	$85.09
Polyolefin	White	6 x 2	7½"	700-lbs	EA	230-1032	$91.45
Polyolefin	White	8 x 2	9½"	900-lbs	EA	230-1034	$94.30
Performa	Light Gray	4 x 2	5⅝"	350-lbs	EA	230-1036	$91.94
Performa	Light Gray	5 x 2	6½"	375-lbs	EA	230-1038	$96.47
Performa	Light Gray	6 x 2	7½"	500-lbs	EA	230-1040	$97.11
Performa	Light Gray	8 x 2	9½"	500-lbs	EA	230-1042	$104.09
HiTech Poly	Red	4 x 2	5⅝"	600-lbs	EA	230-1044	$94.19
HiTech Poly	Red	5 x 2	6½"	750-lbs	EA	230-1046	$98.66
HiTech Poly	Red	6 x 2	7½"	900-lbs	EA	230-1048	$105.53
HiTech Poly	Red	8 x 2	9½"	900-lbs	EA	230-1052	$108.73
Rigid Caster							
Polyolefin	Black	4 x 2	5⅝"	500-lbs	EA	230-1021	$58.40
Polyolefin	Black	5 x 2	6½"	650-lbs	EA	230-1023	$60.02
Polyolefin	Black	6 x 2	7½"	700-lbs	EA	230-1025	$58.97
Polyolefin	Black	8 x 2	9½"	900-lbs	EA	230-1027	$69.99
Polyolefin	White	4 x 2	5⅝"	500-lbs	EA	230-1029	$57.05
Polyolefin	White	5 x 2	6½"	650-lbs	EA	230-1031	$65.01
Polyolefin	White	6 x 2	7½"	700-lbs	EA	230-1033	$67.22
Polyolefin	White	8 x 2	9½"	900-lbs	EA	230-1035	$70.71
Performa	Light Gray	4 x 2	5⅝"	350-lbs	EA	230-1037	$61.10
Performa	Light Gray	5 x 2	6½"	375-lbs	EA	230-1039	$63.22
Performa	Light Gray	6 x 2	7½"	500-lbs	EA	230-1041	$69.01
Performa	Light Gray	8 x 2	9½"	500-lbs	EA	230-1043	$75.42
HiTech Poly	Red	4 x 2	5⅝"	600-lbs	EA	230-1045	$64.35
HiTech Poly	Red	5 x 2	6½"	750-lbs	EA	230-1047	$65.15
HiTech Poly	Red	6 x 2	7½"	900-lbs	EA	230-1049	$73.54
HiTech Poly	Red	8 x 2	9½"	900-lbs	EA	230-1053	$76.31

Prices subject to change.

Zinc Standard Duty Casters

Series 4: 2" Wide Tread

colson

Colson® Series 4 Standard Duty Casters are some of the most popular casters found in the industry because of their ability to handle up to 900-lbs per caster (3600-lbs for a set of 4!). Available in both swivel and rigid designs. Standard features include: Zinc plated finish, double hardened raceways, 1/2″ axle with zerk grease fitting, 1/4″ steel top plate, permanent rivet king construction with 5/8″ diameter rivet. Options: Brakes, wheel thread guards, 4-position swivel lock and sealed swivel raceway. Up to 9 different wheel types available to fit most any application in sizes ranging from 3-1/4″ x 2″ up to 8″ x 2″.

Wheel Material	Wheel Color	Wheel Diameter x Tread Width	Overall Height	Capacity	Unit	Stock #	PRICE
Swivel Caster							
Performa	Black	4 x 2	5⅝"	350-lbs	EA	230-1401	$25.53
Performa	Black	5 x 2	6½"	375-lbs	EA	230-1403	$26.58
Performa	Light Gray	6 x 2	7½"	450-lbs	EA	230-1405	$29.30
Performa	Light Gray	8 x 2	9½"	500-lbs	EA	230-1407	$33.00
Polyolefin	Black	4 x 2	5⅝"	500-lbs	EA	230-1409	$17.58
Polyolefin	Black	5 x 2	6½"	650-lbs	EA	230-1411	$19.48
Polyolefin	Black	6 x 2	7½"	700-lbs	EA	230-1413	$20.18
Polyolefin	Black	8 x 2	9½"	900-lbs	EA	230-1415	$21.80
Polyolefin	White	4 x 2	5⅝"	500-lbs	EA	230-1417	$17.17
Polyolefin	White	5 x 2	6½"	650-lbs	EA	230-1419	$20.84
Polyolefin	White	6 x 2	7½"	700-lbs	EA	230-1421	$21.36
Polyolefin	White	8 x 2	9½"	900-lbs	EA	230-1423	$24.81
HiTech Poly	Red	4 x 2	5⅝"	600-lbs	EA	230-1425	$25.53
HiTech Poly	Red	5 x 2	6½"	750-lbs	EA	230-1427	$29.06
HiTech Poly	Red	6 x 2	7½"	900-lbs	EA	230-1429	$31.99
HiTech Poly	Red	8 x 2	9½"	900-lbs	EA	230-1431	$36.43
Phenolic	Black	4 x 2	5⅝"	800-lbs	EA	230-1433	$22.25
Phenolic	Black	5 x 2	6½"	900-lbs	EA	230-1435	$24.51
Phenolic	Black	6 x 2	7½"	900-lbs	EA	230-1437	$26.07
Phenolic	Black	8 x 2	9½"	900-lbs	EA	230-1439	$28.69
Rigid Caster							
Performa	Black	4 x 2	5⅝"	350-lbs	EA	230-1402	$21.51
Performa	Black	5 x 2	6½"	375-lbs	EA	230-1404	$21.84
Performa	Light Gray	6 x 2	7½"	450-lbs	EA	230-1406	$22.23
Performa	Light Gray	8 x 2	9½"	500-lbs	EA	230-1408	$23.81
Polyolefin	Black	4 x 2	5⅝"	500-lbs	EA	230-1410	$12.87
Polyolefin	Black	5 x 2	6½"	650-lbs	EA	230-1412	$14.21
Polyolefin	White	4 x 2	5⅝"	500-lbs	EA	230-1418	$14.40
Polyolefin	Black	6 x 2	7½"	700-lbs	EA	230-1414	$16.29
Polyolefin	Black	8 x 2	9½"	900-lbs	EA	230-1416	$19.17
Polyolefin	White	5 x 2	6½"	650-lbs	EA	230-1420	$15.38
Polyolefin	White	6 x 2	7½"	700-lbs	EA	230-1422	$16.15
Polyolefin	White	8 x 2	9½"	900-lbs	EA	230-1424	$20.38
HiTech Poly	Red	4 x 2	5⅝"	600-lbs	EA	230-1426	$20.01
HiTech Poly	Red	5 x 2	6½"	750-lbs	EA	230-1428	$23.36
HiTech Poly	Red	6 x 2	7½"	900-lbs	EA	230-1430	$25.45
HiTech Poly	Red	8 x 2	9½"	900-lbs	EA	230-1432	$28.70
Phenolic	Black	4 x 2	5⅝"	800-lbs	EA	230-1434	$17.65
Phenolic	Black	5 x 2	6½"	900-lbs	EA	230-1436	$17.52
Phenolic	Black	6 x 2	7½"	900-lbs	EA	230-1438	$19.38
Phenolic	Black	8 x 2	9½"	900-lbs	EA	230-1440	$19.52

Call Customer Service at 800-826-8302

CASTERS & WHEELS

Zinc General Utility Casters

Series 2: 1.25" Wide Tread

colson

Colson® Series 2 General Utility Casters are ideal for many medium-duty applications. They are rated for loads up to 250-lbs per caster and are available in both swivel and rigid designs. All models feature: zinc plated finish, double ball hardened raceways and 3/8″ axle. Wheel choices include: Performa Rubber, Polyolefin, and Hi-Tech Polyurethane. 1.25" wide tread width with capacities up to 250-lbs. Options: Caster mounting types available include various top plate sizes as well as a wide variety of optional stem mounting choices. Other options include brakes and wheel thread guards.

Wheel Material	Wheel Color	Wheel Diameter x Tread Width	Overall Height	Capacity	Unit	Stock #	PRICE
Swivel Caster							
Performa	Light Gray	3½ x 1¼	4¹¹⁄₁₆″	250-lbs	EA	230-1060	$12.11
Performa	Light Gray	4 x 1¼	5⅛″	300-lbs	EA	230-1062	$12.29
Performa	Light Gray	5 x 1¼	6⅜₁₆″	325-lbs	EA	230-1064	$14.12
Polyolefin	Black	3½ x 1¼	4¹¹⁄₁₆″	230-lbs	EA	230-1066	$10.81
Polyolefin	Black	4 x 1¼	5⅛″	275-lbs	EA	230-1068	$11.14
Polyolefin	Black	5 x 1¼	6⅜₁₆″	300-lbs	EA	230-1070	$11.95
HiTech Poly	Red	3½ x 1¼	4¹¹⁄₁₆″	250-lbs	EA	230-1072	$14.41
HiTech Poly	Red	4½ x 1¼	5⅛″	275-lbs	EA	230-1074	$14.63
HiTech Poly	Red	5 x 1¼	6⅜₁₆″	300-lbs	EA	230-1076	$15.41
Rigid Caster							
Performa	Light Gray	3½ x 1¼	4¹¹⁄₁₆″	250-lbs	EA	230-1061	$9.20
Performa	Light Gray	4 x 1¼	5⅛″	300-lbs	EA	230-1063	$10.91
Performa	Light Gray	5 x 1¼	6⅜₁₆″	325-lbs	EA	230-1065	$11.55
Polyolefin	Black	3½ x 1¼	4¹¹⁄₁₆″	230-lbs	EA	230-1067	$8.00
Polyolefin	Black	4 x 1¼	5⅛″	275-lbs	EA	230-1069	$8.65
Polyolefin	Black	5 x 1¼	6⅜₁₆″	300-lbs	EA	230-1071	$9.73
HiTech Poly	Red	3½ x 1¼	4¹¹⁄₁₆″	250-lbs	EA	230-1073	$10.68
HiTech Poly	Red	4½ x 1¼	5⅛″	275-lbs	EA	230-1075	$13.03
HiTech Poly	Red	5 x 1¼	6⅜₁₆″	300-lbs	EA	230-1077	$13.70

Replacement Wheels - Colson Series 2

All Series 2 have 1-1/4″ tread width, 3/8″ axle, 1-7/16″ hub length and include a 3/8″ x 1-1/2″ bushing. (Axle not included.)

Wheel Material	Wheel Color	Wheel Diameter x Tread Width	Overall Height	Capacity	Unit	Stock #	PRICE
3-1/2″ Wheel Diameter x 1-1/4″ Tread Width							
Polyolefin	Black	3½ x 1¼	4¹¹⁄₁₆	230-lbs	EA	230-2203	$3.52
Performa	Light Gray	3½ x 1¼	4¹¹⁄₁₆	250-lbs	EA	230-2213	$4.78
HiTech Poly	Red	3½ x 1¼	4¹¹⁄₁₆	250-lbs	EA	230-2223	$5.72
4″ Wheel Diameter x 1-1/4″ Tread Width							
Polyolefin	Black	4 x 1¼	5⅛"	200-lbs	EA	230-2204	$3.70
Performa	Light Gray	4 x 1¼	5⅛"	300-lbs	EA	230-2214	$6.19
HiTech Poly	Red	4 x 1¼	5⅛"	250-lbs	EA	230-2224	$7.16
5″ Wheel Diameter x 1-1/4″ Tread Width							
Polyolefin	Black	5 x 1¼"	6⅜₁₆"	200-lbs	EA	230-2205	$4.78
Performa	Light Gray	5 x 1¼	6⅜₁₆"	325-lbs	EA	230-2215	$7.38
HiTech Poly	Red	5 x 1¼	6⅜₁₆"	250-lbs	EA	230-2225	$7.74

Prices subject to change.

Replacement Wheels - Colson Series 4

All Series 4 have 2″ tread width, 1/2″ axle, 2-3/16″ hub length and include 1/2″ x 2-7/16″ bushing. (Axle not included.)

Wheel Material	Wheel Color	Wheel Diameter x Tread Width	Overall Height	Capacity	Unit	Stock #	PRICE
4″ Wheel Diameter x 2″ Tread Width							
Polyolefin	Black	4 x 2	5⅝"	500-lbs	EA	230-2434	$4.19
Polyolefin	White	4 x 2	5⅝"	500-lbs	EA	230-2438	$6.40
Performa	Light Gray	4 x 2	5⅝"	350-lbs	EA	230-2430	$13.78
HiTech Poly	Red	4 x 2	5⅝"	600-lbs	EA	230-2439	$14.00
Phenolic	Black	4 x 2	5⅝"	800-lbs	EA	230-2443	$4.83
5″ Wheel Diameter x 2″ Tread Width							
Polyolefin	Black	5 x 2	6½"	650-lbs	EA	230-2435	$4.53
Polyolefin	White	5 x 2	6½"	650-lbs	EA	230-2232	$8.43
Performa	Light Gray	5 x 2	6½"	375-lbs	EA	230-2431	$14.45
HiTech Poly	Red	5 x 2	6½"	750-lbs	EA	230-2440	$14.70
Phenolic	Black	5 x 2	6½"	900-lbs	EA	230-2444	$5.86
6″ Wheel Diameter x 2″ Tread Width							
Polyolefin	Black	6 x 2	7½"	700-lbs	EA	230-2436	$6.69
Polyolefin	White	6 x 2	7½"	700-lbs	EA	230-2230	$11.80
Performa	Light Gray	6 x 2	7½"	500-lbs	EA	230-2432	$14.68
HiTech Poly	Red	6 x 2	7½"	900-lbs	EA	230-2441	$16.71
8″ Wheel Diameter x 2″ Tread Width							
Polyolefin	Black	8 x 2	9½"	900-lbs	EA	230-2437	$8.21
Performa	Light Gray	8 x 2	9½"	500-lbs	EA	230-2433	$15.99
HiTech Poly	Red	8 x 2	9½"	900-lbs	EA	230-2442	$22.80
Phenolic	Black	8 x 2	9½"	900-lbs	EA	230-2446	$10.15

Optional Colson Caster Accessories

Tech-Lock Brakes are constructed of durable, non-corrosive engineered thermoplastics to give lasting performance in the toughest environments. Virtually maintenance free operation. Caster accessories available for CSC casters please call our material handling specialists for help.

Series/ Dimensions	Material	Unit	Stock #	PRICE
Tech-Lock Brakes				
Series 2; 4″ Caster brakes	Thermoplastic	EA	230-2074	$10.54
Series 2; 5″ Caster brakes	Thermoplastic	EA	230-2085	$10.74
Series 4; 4″ Caster brakes	Thermoplastic	EA	230-2075	$29.74
Series 4; 5″ Caster brakes	Thermoplastic	EA	230-2084	$29.78
Series 4; 6″ Caster brakes	Thermoplastic	EA	230-2086	$30.03
Series 4; 8″ Caster brakes	Thermoplastic	EA	230-2088	$30.66
Zerked Axle and Nut				
Series 2; ⅜" - 16 x 2⁹⁄₁₆"	Zinc	EA	230-2076	$4.23
Series 2; ⅜" - 16 x 2⁹⁄₁₆"	Stainless	EA	230-2077	$2.52
Series 4; ½″ - 13 x 3⅜"	Zinc	EA	230-2078	$1.70
Series 4; ½″ - 13 x 3⅜"	Stainless	EA	230-2079	$5.14
Spanner Bushings				
Series 2; ⅜" ID x ½" OD x 1½" L	Zinc	EA	230-2070	$0.94
Series 2; ⅜" ID x ½" OD x 1½" L	Stainless	EA	230-2071	$8.65
Series 4; ¼" ID x ¾" OD x 2⁷⁄₁₆" L	Zinc	EA	230-2072	$6.02
Series 4: ¼" ID x ¾" OD x 2⁷⁄₁₆" L	Stainless	EA	230-2073	$3.90

Call Customer Service at 800-826-8302

LIGHTING

U. S. Flag

Let your patriotism show. This premium-quality flag is made of heavy nylon bunting material with individually embroidered stars, separately sewn stripes and heavy-duty grommets. Washable. Made in the USA. Other sizes available.

Size	Unit	Stock #	PRICE
3' x 5'	EA	200-2005	$35.85
4' x 6'	EA	200-2010	$70.45

Light Fixtures for Demanding Environments

High-visibility and well-distributed lighting is a requirement in food processing facilities. Philips Lighting and Shat-R-Shield® fixtures are specially designed to meet these requirements as well as stand up to the rigorous cleaning procedures used within the processing areas.

- Smooth surfaces with no ledges where food products deposit and bacteria can grow.
- Fixtures that are designed to endure the most rigorous hosedown requirements.
- Withstand attack from cleaning and processing chemicals.
- Endure hot temperatures designed to kill bacteria.
- Meet NSF International requirements.

A full line of lighting fixtures are available for all of your plant requirements including processing area, dry storage, clean room, and office areas, as well as emergency exit and outdoor lights.

LED High Bay Fixture

High efficiency, direct 1 to 1 replacement for 400W metal halide HID or 6 lamp T5 fixtures. Built with Nichia LED chip packaged by Citizen and a poly-carbonate prismatic reflector. Best suited for industrial and commercial applications and a high return on investment deems this fixture ideal for warehouses, manufacturing facilities, sports complexes, garages, storage areas, hangars, gymnasiums or any application with ceiling heights above 15 feet.

Features include:

- Traditional look.
- CCT: 5000° K.
- CRI: 80.
- Life: 50,000 Hours.
- Power factor: > 0.90.
- Operating temp: -40 to 122°F.
- Dimensions: 19" x 27.5".
- 7-year limited warranty.

Mfg Part #	Description	Unit	Stock #	PRICE
200HB50PH	200W Power consumption, 18,000+ lumens	EA	601-7044	$424.32

LED Full Cutoff Wall Pack Fixture

High efficiency system for outdoor illumination. This wall pack fixture is designed to provide a sense of security in commercial and industrial applications. Classic full size design provides ease of installation when replacing existing inefficient wall packs. Standard form factor allows for direct replacement and eliminates the need to repaint walls. Universal driver 120V-277.

Features include:

- Dark brown, corrosion resistant die-cast aluminum housing.
- Glare free, uniform illumination.
- CCT: 5000° K.
- CRI: 80.
- Life: 36,000 hours.
- Power factor: > 0.92.
- Operating temperature: -4 to 122°F.
- Dimensions: 11.5" x 14.25" x 9".
- 5-year limited warranty.

Mfg Part #	Description	Unit	Stock #	PRICE
40WPD50	40W Power consumption, 4,000 lumen	EA	601-7046	$258.51

Prices subject to change.

Enviroguard™ Tube Fixture

Acrylic cylinder and stainless steel gasketed end caps, designed for high-pressure hose-down, combined with rotatable optics makes this a perfect choice for those hard to light areas in food processing plants. Optics can be rotated 360° to direct light where it is needed, eliminating shadowed areas. Optional quick disconnect power cord makes fixture removal fast and easy. NSF Certified and ETL wet location listed. Lamps sold separately - call for pricing.

Model	Description	Unit	Stock #	PRICE
ETP-1P-4H2F44-U	4' Hosedown, 120V uses (2) F48T8HO	EA	289-2341	$420.97
QDP	Optional 3' hosedown, quick disconnect power cord (must be ordered with fixture)	EA	289-2602	$34.17

Ironclad™ Vapor Tight Washdown Light Fixture

Sealed, vapor tight light fixture designed to withstand extreme conditions such as moisture, dust, dirt and humidity. Washdown fixture is NEMA 4X and NEMA 5 rated, USDA approved and UL Wet location approved. All fixtures have dual input High Power Factor (HPF) ballasts requiring 120V-277V and include a pull-in disconnect. Clean lens and olive gray, poly-carbonate plastic housing. Stainless steel latch included, allows for surface or chain mount options.

Mfg Part #	Fixture Length	Requires	Unit	Stock #	PRICE
VT221700	2 ft	(2) 17W T8 Lamps	EA	601-7038	$73.01
VT423200	4 ft	(2) 32W T8 Lamps	EA	601-7040	$104.34
VT425400	4 ft	(2) 54W T5HO Lamps	EA	601-7042	$125.23

Wet Location LED Exit and Emergency Light

LED exit and emergency light for wet or wash down locations. Polycarbonate and fiberglass enclosure resistant to corrosive atmospheres, non-hazardous dust environments and to water spray, splashing water, or where hose downs frequently occur. Exit light provided with one face with snap-in directional arrows. Integrated mounting holes allows for flush mounting to walls while retaining water tight integrity.

- Two full adjustable 5.4 watt, glare free lighting heads.
- 90 minute minimum emergency illumifnation.
- Energy efficient red or green LED with a life of 25 years plus - energy consumption of less than 3 watts.
- 6V nickel-cadmium, maintenance free, rechargeable battery.
- ETL wet location (0° to 50°C) listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.
- Five year warranty on all electronics and housing. Batteries are pro-rated warranted for 5 years.
- 18" overall height x 6.875" depth.

Mfg Part #	Lettering Color	Power	Unit	Stock #	PRICE
CSWLEDBRW	Red	120/277 voltage	EA	289-7000	$189.72
CSWLEDBGW	Green	120/277 voltage	EA	289-7001	$192.78

Wet Location LED Exit Light

Fully enclosed LED exit light for wet or washdown locations with optional 4.8v nickel cadmium battery backup. Polycarbonate and fiberglass enclosure resistant to corrosive atmospheres, non-hazardous dust environments and to water spray, splashing water, or where hose downs frequently occur. Exit light provided with one face with snap-in directional arrows. Back plate fits most standard junction boxes.

- 90 minute minimum emergency illumination with battery backup option.
- Optional 4.8V nickel-cadmium, maintenance free, rechargeable battery.
- Energy efficient red or green LED with a life of 25 years plus - energy consumption of less than 3 watts.
- ETL wet location (0° to 50°C) listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.
- Five year warranty on all electronics and housing. Batteries are pro-rated warranted for 5 years.
- 11.75"H x 12"W x 5.375"D.

Mfg Part #	Lettering Color	Power	Unit	Stock #	PRICE
SWLE-DARW	Red	120/277 voltage	EA	289-7002	$205.40
SWLE DAGW	Green	120/277 voltage	EA	289-7003	$242.89
SWLE DBRW	Red	120/277 voltage and 4.8V battery backup	EA	289-7004	$212.67
SWLE DBGW	Green	120/277 voltage and 4/8V battery backup	EA	289-7005	$250.16

Call Customer Service at 800-826-8302

LIGHTING

Protective Lighting

With the strict regulations requiring protective lighting to insure that broken glass doesn't come in contact with food, food equipment, or food packaging, Shat-R-Shield lighting is the perfect solution.

- Coating forms a complete seal from end to end in a full 16-mil thickness.
- Safely contains virtually all glass phosphors and mercury if a lamp is dropped or broken.
- Safer because lamp cannot fall out of tube and end cap.
- Longer life. Eliminating the air space between lamp and coating prevents premature burnout typical of sleeves and caps.
- Delivers more light. Will not yellow with age or collect dust and oils between lamp and sleeve.
- Saves man-hours. Easy to install, clean and maintain.
- No exposed glass when changing lamps.
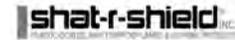
Proven in food plants throughout the country, Shat-R-Shield is NSF & USDA approved, FDA, OSHA, & CFIA compliant. In addition to the following products, Shat-R-Shield has developed compact fluorescent lamps, high-intensity discharge (HID) lamps, and Teflon® coated halogen pars. Please call our protective lighting specialists for more information.

Safety Coated Fluorescent Lamps

Coated end-to-end with DuPont's™ clear, tough Surlyn™. If a lamp breaks, all debris stays inside the coating, protecting food products and employees. More effective and less expensive to use than conventional tube guards and end caps. Recommended ambient temperature range: 40° to 140°F. Standard cool white lamps listed. #601-7021 to be operated on electronic ballasts. Other sizes and styles available.

Description	Watt	Length	Pkg	Unit	Stock #	PRICE
F40T12CW Supreme/Alto	40W	4' Bipin	30/ca	CA	601-7026	$354.23
F96T12CW Supreme/Alto	75W	8' Single Pin	15/ca	CA	601-7028	$337.21
F32T8/TL835 Rapid Start	32W	4' Bi-Pin	30/ca	CA	601-7033	$302.82
F96T8/841/ECO	59W	8' Single Pin	24/ca	CA	601-7021	$602.60

T8 Extended Performance Fluorescent Lamps

Provide 20% longer life, higher initial and maintained lumens, improved color rendition, and longer replamp periods compared to conventional T8 lamps. Combined with the Shat-R-Shield safety coating from end-to-end, this is the ideal lamp to use when safety and performance are important.

- Extra-long lamp life: average rated life of 24,000 hours for F32 and 18,000 hours for F96.
- Recommended for open fixtures and areas where ambient temperatures do not exceed 120°F.
- ECO bulbs have a reduced mercury content.

Mfg Part #	Watt	Color Temp	Pkg	Unit	Stock #	PRICE
4' Lamps - Medium Bipin						
F32T8 850/XP/ECO	32	4100K	30/ca	CA	601-2050	$374.54
8' Lamps - Single Pin						
F96T8 841/XP/ECO	59	4100K	24/ca	CA	601-2052	$671.73

High Performance T5-High Output Fluorescent Lamps

T5 High-Output Fluorescents are gaining popularity as replacements for HIDs in high bay fixtures. However, elevated heat and concentrated UV issues associated with T5s provide a challenge in making the product reliably shatterproof. Using DuPont® Teflon®, Shat-R-Shield® bulbs are the only lamps that stand the test of time against extreme heat and UV. Don't risk your safety and dollars with products using other plastics.
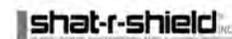
- T5 HO lamps offer excellent color rendering benefits and high lumen maintenance (still generating as much as 97% of original light output at 40% rated life).
- Less energy consumption can be achieved by using T5s; extremely high lumen output per watt rating.
- T5s provide longer lamp life (fewer lamps purchased and discarded).
- Recommended for open fixtures and areas where ambient temperatures do not exceed 120°F.
- ALTO bulbs have a reduced mercury content.

Mfg Part #	Watt	Color Temp	Pkg	Unit	Stock #	PRICE
4' Lamps - Medium Bipin						
F54T5/841/HO/ALTO	54	4100K	40/ca	CA	601-2054	$643.66

Prices subject to change.

Safety Coated Shatter-Resistant Incandescent Bulbs

When you need safety and lighting efficiency, put Shat-R-Shield incandescent bulbs to work. Their Teflon® coating eliminates the need for protective fixtures in coolers, milk intakes, warehouses, or processing areas. Resists thermal shock and remains unaffected by weather. Floods or PARs are great for lighting through observation ports on tanks. The clear heat resistant Teflon coating does not yellow or flake, giving these light bulbs the highest energy efficiency of any coated bulb. Even when the lamp is smashed, the coating stays smooth and unruptured, so the lamp is easy to handle. Available in many other styles up to 300W.

Description	Watt	Pkg	Unit	Stock #	PRICE
100A21/IF/RS Frosted Rough Service	100W/130V	6/pk	PK	601-7006	$28.55
65BR30/FL Refector Flood	65W/130V	12/ca	CA	601-7001	$141.69
60A19/IF/RS/RP	60W/120V	24/ca	CA	601-2604	$137.68
70PAR38/HAL/IR/NFL25/DL	70W/120V	12/ca	CA	601-7029	$306.20

Safety-Coated Black Light Lamps

Now you can use insect electrocutors near processing lines without the danger of broken glass getting into product or injuring personnel. Shat-R-Shield has developed another first in fluorescent lamp safety with a specially formulated coating for black lights. This unique new coating allows the critical ultraviolet wavelengths to penetrate and attract flying insects while special UV stabilizers prevent degradation. In case of accidental breakage, the coating will contain all the glass, phosphors and mercury. No need to remove your insect electrocutor while replacing lamps. Each lamp has a date label to monitor routine relamping. USDA accepted. Meets FDA and OSHA standards and are NSF certified.

Mfg Part #	Model	Description	Pkg	Unit	Stock #	PRICE
F15T8/BL	17192S	18" Unfiltered	6/ca	EA	601-2239	$29.87
F15T8/BLBSC	18SBLB	18" Filtered	6/ca	EA	601-2283	$34.73
F20T12/BL/SC	24SBL	24" Filtered	15/ca	EA	601-2282	$25.34
F30T8/BLB/SC	36SBLB	36" Filtered	6/ca	EA	601-2237	$82.61
F40T12/BL/SC	48SBL	48" Unfiltered	15/ca	EA	601-2248	$22.34
F40T12/BLB/SC	48SBLB	48" Filtered	15/ca	EA	601-2249	$33.54
F20T12/BL	23190S	24" Unfiltered	15/ca	EA	601-2260	$15.99
F20T12/BL	23190G	24" Unfiltered	15/ca	EA	601-2261	$16.58
F30T8/BL	27192S	36" Unfiltered	24/ca	EA	601-2238	$26.81

Call Customer Service at 800-826-8302

STRIP DOORS & AIR CURTAINS

HOW TO ORDER Clear Plastic Strip Doors

1 Specify EXTERIOR or INTERIOR building use.

2 Face (Wall) Mount OR In Jamb (Header) Mount.

3 Give exact door DIMENSIONS.
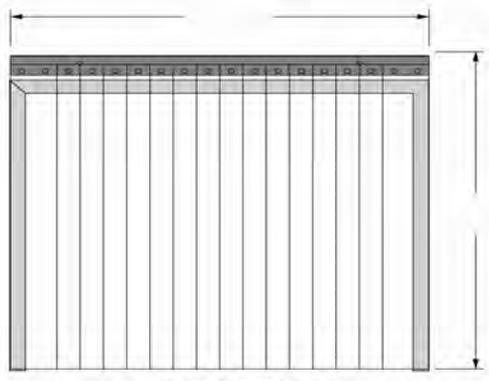
Face Mount
(Fits outside of finished opening)
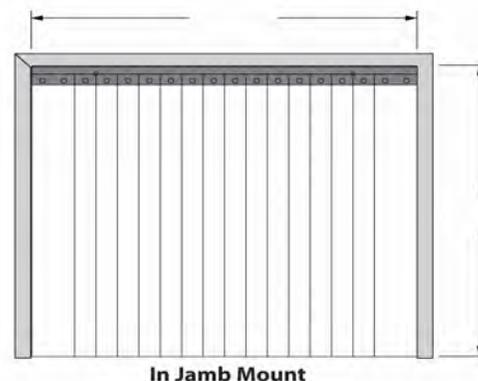
In Jamb Mount
(Fits inside of finished opening)

4 Specify strip size: 4″, 6″, 8″, 12″ or 16″.

5 Overlap percentage required:
a. 25% (16″ only)
b. 50% (4″, 8″ or 16″ only)
c. 66% (6″ & 12″ only)
d. 75% (16″ only)
e. 100%

6 Area of usage: STANDARD or COOLER/FREEZER.

7 Is there fork lift traffic?

8 Mounting System:

a. MaxBullet® - save your plant time and money with Aleco's exclusive strip door system. Once the hardware is installed, no tools are ever needed again making installation 75% faster and PVC strip replacement 90% faster. Decrease the chances of nuts and bolts going missing - as none are needed for the MaxBullet system.
• Stainless Steel
• Aluminum
• HTP Plastic

b. Standard Studded
• Aluminum

Clear Plastic Replacement Strips

Simple and inexpensive way to save heat/cold energy or shut out noise, dust, and insects. Strips part easily to allow personnel or machinery to pass through. USDA accepted clear strips in either 8″ or 12″ wide sizes. They remain flexible from -50° to 150°F. Replacement strips available.

Width	Gauge	Pkg	Unit	Stock #	PRICE
8"	0.080"	300'/rl	FT	139-2010	$1.32
12″	0.120″	150'/rl	FT	139-2014	$2.95

Prices subject to change.

STRIP DOORS & AIR CURTAINS

MaxMagic Strip Door Template Kit

Make replacing strip door material even easier with the MaxMagic template for a perfect hole every time. Marking and cutting directions are permanently etched directly on the template so they are never misplaced. Fabricated of rust-free stainless steel and won't tear or twist the material. Includes template and drill bit only.

Unit	Stock #	PRICE
EA	139-2019	$72.38

Additional =nsect 7ontrol Droducts can be found on page 314.

JetStream® Air Curtain

Save money and energy while controlling dust and insects with an air curtain from Aleco. The multi-functional JetStream air curtain produces a high speed air barrier that divides areas into two independent temperature zones preventing loss of cool or warm air. Air curtains can be placed on exterior doors to prevent flying insects from entering your facility, while protecting against the entry of smoke, dust or fumes.

- Ivory baked enamel cabinet.
- Remote control & door activation plunger included.
- Adjustable airflow with directional plenum.
- 3-position switch (off/high/low).
- 5', 110V prewired grounded plug.
- Effective up to 8 ft. heights.
- Also available in 40" or 60" models.

Mfg Part #	Size	Wt	Unit	Stock #	PRICE
475052	36" Model	35	EA	139-2028	$588.16
475054	48" Model	35	EA	139-2029	$701.51

WALL CLOCKS

Day/Date 11" Clock

Shatter resistant lens made from a polyresin with a red sweeping second hand. Requires 1 AA battery (not included). 2-year limited warranty. 6/case.

Color	Finish	Unit	Stock #	PRICE
Black	Resin	EA	229-7017	$29.26

Prosaic 12" Clocks

Standard clock with shatter resistance lens. Made from a polyresin. Red sweeping hand with silent movement. Requires 1 AA battery (not included). 2-year limited warranty. 8/case.

Color	Finish	Description	Unit	Stock #	PRICE
Black	Resin	12 Hour	EA	229-7009	$20.18
White	Resin	12 Hour	EA	229-7010	$19.68
Brown	Resin	12 Hour	EA	229-7011	$19.68
Black	Resin	24 Hour	EA	229-7012	$19.68

Call Customer Service at 800-826-8302

WALL CLOCKS

TIME RECORDERS

Safety First 12" Black Message Clock

Message clocks reminds employees to be safe at work. The shatter resistance lens is made from a polyresin, and the red sweeping second hand has silent movement. Requires 1 AA battery (not included). 2-year limited warranty. 8/case.

Color	Finish	Unit	Stock #	PRICE
Black	Resin	EA	229-7002	$20.18

No Smoking 12" Black Message Clock

Message clock reminds employees not to smoke in the workplace. Shatter resistance lens is made from a polyresin, and the red sweeping second hand has silent movement. Requires 1 AA battery (not included). 2-year limited warranty. 8/case.

Color	Finish	Unit	Stock #	PRICE
Black	Resin	EA	229-7003	$20.18

Think Safety 12" Black Message Clock

Message clock reminds employees to think safe. Shatter resistance lens is made from a polyresin, and the red sweeping second hand has silent movement. Requires 1 AA battery (not included). 2-year limited warranty. 8/case.

Color	Finish	Unit	Stock #	PRICE
Black	Resin	EA	229-7005	$20.18

LATHEM® Time Recorders

…for accurate time and payroll records

LATHEM is one of the oldest and most respected names in the time recorder industry. They have built their name and their reputation on quality products made entirely in the U.S.A.

LATHEM Model 2000 and 4000 Series Time Recorders are rust-proof throughout. Nylon ribbons register clearly and are self-reversing. All models are guaranteed for one full year. Now available with digital display for a minimal charge. Installation is easy — just plug in and set the clock. Registering: day-of-week or month-and-date; standard hours (1-12) or continental (0-23); and minutes (00-59), tenths (.0-.9) or hundredths (.00-.98).

Lathem® PayClock® PC600 Computerized Time Clock System

The PC600 system consists of a touch screen proximity badge terminal and easy to use time and attendance software. Payroll data can be viewed on the screen, printed to reports, sent to Excel, or exported directly into your existing payroll software such as QuickBooks®, ADP®, and Paychex® for a seamless punch to paycheck solution.

System Requirements:
- Windows 7, Vista, XP SP2 or later, Server 2003 or 2008
- 1GHz or higher processor
- Memory: 1GB of RAM or higher
- Up to 450 MB of available hard disk space
- CD-ROM Drive
- 1024 x 768 or higher resolution
- Any printer compatible with Windows XP SP2 or later
- Network adapter configured for TCP/IP connected to a switch on LAN network

Features:
- Calculated worked hours including overtime as well as providing the tracking of benefit time for 50 employees (expandable to 1,000)
- Full color touch screen terminal
- Proximity badge reader
- Tri-color transaction indicator
- 3 USB ports
- LCD power savings mode
- 1-year warranty
- Battery backup: 8 years

Kit Includes: PC600 terminal, AC wall adapter, 15 badges, ethernet cable, software CD, wall mount template, user's guide, and wall mounting hardware.

Description	Unit	Stock #	PRICE
PayClock® PC600 Time System	KT	397-2600	$459.46
Set of 15 Badges	PK	397-2615	$45.79

Prices subject to change.

LATHEM® Series 2000 Time Recorder

The smallest and least expensive time recorder in the Lathem line. Yet it has the same high-quality material and workmanship as the more expensive models. This is a good choice for the business with less than 10 employees. It has fewer automatic features, is smaller, with fewer parts. Pull lever to imprint time card. Made of steel with baked-on charcoal gray finish, and black lens cover. Depending on the time card selected, this model can be used for weekly, biweekly, semi-monthly, or monthly pay periods, or as a job card recorder. It records the day of the week, standard hours (AM/PM) and minutes along the side of the card. 10-1/4"H x 8-1/8"W x 5-1/4"D. 110V.

Model	Unit	Stock #	PRICE
2121	EA	397-1000	$335.41

LATHEM® Series 4000 Time Recorder

A heavy-duty payroll and job time recorder. Automatic registration records on any thickness of form, even multiple copies. Registers month and date, standard hours and minutes. A good choice when there are 10 to 25 employees. Steel with charcoal gray finish and black lens cover. 10-1/4"H x 8-1/8"W x 5-1/4"D. 110V.

Model	Unit	Stock #	PRICE
4001	EA	397-1400	$408.92

Print Ribbon for Time Clocks

Use this universal printing ribbon with all our Lathem time recorders. Red/blue ribbon.

Model	Unit	Stock #	PRICE
#7-2CN	EA	397-1016	$12.82

Time Cards and Card Racks

Our most popular time card is the #3200. With its generic First Day imprint, it allows the flexibility of beginning record-keeping with any day of the week. Use #33 time cards if you prefer your imprint to start with Monday. Time Card Racks hold cards in numbered sequence order. For efficiency, order 2 racks: 1 for IN cards, and 1 for OUT cards. Other cards are available by special order. Cards available for all brands of time recorders. Send a sample for a quotation. To order, specify capacity, card size, card model number, and number sequence desired.

Description	Pkg	Unit	Stock #	PRICE
Time Cards				
#3200 Time cards-10½"L x 3⅝"W	1000/bx	BX	397-1200	$37.27
#33 Time cards-8¾"L x 3⅝"W	1000/bx	BX	397-1133	$31.95
Racks-Black Plastic				
25 Pocket Rack	-	EA	397-1252	$34.92

Call Customer Service at 800-826-8302

SLIP-RESISTANT TREADS

ANTI-FATIGUE MATS

3M™ Safety-Walk™ Slip Resistant General Purpose Treads 600 Series

The diamond-hard mineral top surface has an adhesive backing. It goes on like tape to a non-porous clean, dry surface (for porous surfaces, use Safety-Walk primer). Apply in heavy-traffic areas, ramps, loading docks, or steps. Great for flat surfaces of tank trucks. Available in individual treads or rolls. Black. Conformable Safety-Walk for uneven or curved surfaces also available.

Description	Pkg	Unit	Stock #	PRICE
Treads				
6" x 24"	50/ca	CA	456-2102	$318.12
5½" x 5½"	50/ca	CA	456-2104	$74.69
Rolls				
2" x 60'	2 rl/ca	CA	456-2105	$122.33
4" x 60'	1 rl	RL	456-2106	$122.33
6" x 60'	1 rl	RL	456-2107	$183.42

3M™ Safety-Walk™ Installation Accessories

For proper installation use these Safety-Walk accessories recommended for food plants.

- Rubber hand roller insures proper installation and maximum adhesion through uniform pressure.
- Edge sealer keeps edges of the Safety-Walk from curling. It also protects exposed edges from excessive moisture and liquids. 5-oz tube. 12 tubes/case.
- Primer adhesive is used for priming porous surfaces prior to applying Safety-Walk, and for all applications exposed for extended periods to water, grease, or oil. 1-quart can. 12 cans/case.

Description	Unit	Stock #	PRICE
Rubber hand roller	EA	456-2125	$21.72
Edge sealer	TB	456-2113	$15.52
Primer adhesive	QT	456-2115	$60.87

Rust-Oleum® AS9100 Anti-Slip Epoxy Kit

AS9100 Concrete Save System provides excellent protection and traction. This anti-slip epoxy creates a tough coating to resist strong chemicals, power cleanings, high humidity and heavy vehicles. For interior or exterior use on concrete or metal. This product is great for slippery areas with heavy traffic. Two-component kit includes base and activator - together make one full gallon of yellow anti-slip epoxy. Meets USDA requirements for incidental food contact. Additional colors available.

Description	Color	Unit	Stock #	PRICE
1-gal kit	Safety Yellow	GA	459-2498	$208.88

Comfort King™ Antimicrobial Anti-Fatigue Mat

Constructed with an antimicrobial agent to prevent the growth of microorganisms on the mat surface, this superior anti-fatigue mat energizes users with Zedlan™ foam. It combines softness, resilience, and durability for exceptional relief. Outwears other foam products nearly three to one. Use in dry areas only. 3/8" thick. Steel gray.

Size	Unit	Stock #	PRICE
2'x3'	EA	430-2361	$30.09
3'x4'	EA	430-2362	$68.34
3'x5'	EA	430-2363	$75.18
4'x5'	EA	430-2365	$113.96
4'x6'	EA	430-2367	$136.60

Ergomat® Hygiene Anti-Fatigue Mat

Made of premium rubber, the Ergomat Hygiene Mat is designed to increase comfort while reducing tripping hazards, body aches, quality issues, and sick leaves. Features molded beveled edges. USDA approved for food processing. Use in wet or dry areas. 3-year warranty. 2' x 3' only.
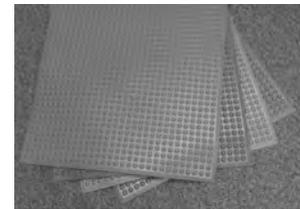
Color	Unit	Stock #	PRICE
Red	EA	198-2000	$132.19
Blue	EA	198-2001	$132.19
Green	EA	198-2002	$132.19
Gray	EA	198-2003	$132.19

WorkSafe® Rubber Anti-Fatigue Mat

Sanitary anti-fatigue mat is designed for safety, comfort, and performance. Drainage holes have clear, cylindrical walls with no ledges to trap food particles or harbor bacteria. Cleans up quickly and completely. Your feet stay dry and comfortable on slip resistant surface of elevated ribs. Use in wet or dry areas. 7/8" thick 100% natural rubber. 1-year conditional warranty. Black.

Description	Wt	Unit	Stock #	PRICE
2½' x 3'	17.995	EA	430-2220	$52.80
3' x 5'	40	EA	430-2225	$94.93

More Anti-Fatigue Mats on the next page...

Prices subject to change.

ANTI-FATIGUE MATS

WorkRite All-Purpose Mat

Economical choice for comfort and safety, this 100% natural rubber mat accommodates spills and debris keeping employees safe and dry. Lightweight form and molded beveled edging make it a popular choice for industrial and commercial areas. Use in wet or dry areas. 1/2″ thick. 1-year conditional warranty. Black.

Size	Unit	Stock #	PRICE
3′ x 5′	EA	658-2510	$62.13
3′ x 10′	EA	658-2511	$151.50
3′ x 20′	EA	658-2512	$314.91

Dri-Dek® Flooring
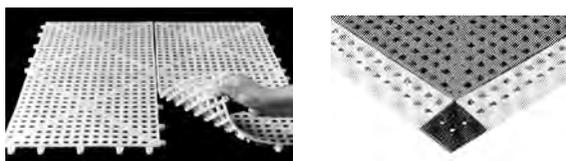
Using Dri-Dek interlocking floor tiles can relieve the stress and strain of standing. The 12″ x 12″ x 9/16″ tiles just snap together to form a portable surface that will cover any size area. Install around machinery, equipment, work benches, or in parlor pits. Define different work zones with different designs and colors. Packed with oxy-B1™ fungicide, each tile fights mold, mildew, and bacteria. To clean, simply hose it down. Dirt and debris fall right through the anti-skid surface to get to drains. Dri-Dek is made from 100% pure virgin vinyl. Use the 12″ x 2″ edge to provide a ramped safety border and the 2″ x 2″ corner to connect adjacent edges. Also available in blue, gray, burgundy, and almond. 50 tiles/case.

Color	Unit	Stock #	PRICE
Dri-Dek			
Black	EA	361-2000	$6.00
Yellow	EA	361-2010	$6.00
White	EA	361-2007	$6.00
Edge			
Black	EA	361-2100	$2.59
Yellow	EA	361-2110	$2.59
White	EA	361-2107	$2.59
Corner			
Black	EA	361-2200	$0.89
Yellow	EA	361-2210	$0.89
White	EA	361-2207	$0.89

Heavy-Duty Multi-Guard Mat

With thousands of scraping "fingers," this natural rubber mat can effectively remove pounds of dirt from sight and hold it between cleanings. Use to keep your high-traffic outdoor entrances clean during the worst weather conditions. 1/2″ thick. 1-year conditional warranty. Black.

Size	Wt	Unit	Stock #	PRICE
24″ x 32″	10	EA	658-2520	$29.33
32″ x 39″	19	EA	658-2521	$42.89
3′ x 5′	30	EA	658-2522	$92.05

SafeStep® Econo Blend™ Blue Ice Melter

An effective ice melter that is easy on your budget. High-visibility blue crystals help make application more efficient, while a corrosion inhibitor reduces potential damage to metal and concrete. Melts down to -7°F/-21°C. 50-lb poly bag, 49 bags/pallet.

Model	Unit	Stock #	PRICE
Pro Series 370	BG	542-6585	$10.31

Call Customer Service at 800-826-8302

SPECIALTY MATTING

Walk-N-Clean™ Mat

Stop dirt in its tracks, then simply peel it away with the Walk-N-Clean cleaning pad mat. Use at entrances to the lab and clean rooms. Cleaning pads are mounted on a heavy-duty white frame that has non-slip, non-skid backing and is non-toxic. Each pad contains sixty 30" x 24" gray sheets treated with a microbial agent that provides protection against growth of organisms including mold, mildew, and bacteria.

Size	Description	Unit	Stock #	PRICE
Mats				
31½" x 25½"	Includes: one 60 sheet pad	EA	430-2940	$116.24
31½" x 51"	Includes: 2 side-by-side 60 sheet pads	EA	430-2945	$230.65
Replacement Pads				
30" x 24"	60 sheets/pad, 4 pads/ca	CA	430-2949	$299.05

Disinfectant Mat™
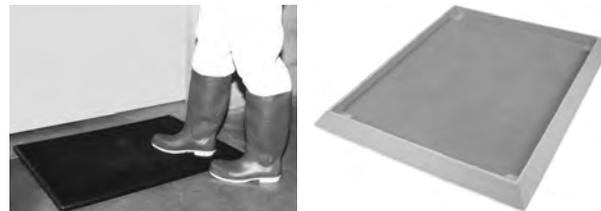
Stop contamination at the door with a sanitizing footbath that cleans and sanitizes. Heavy-duty rubber fingers clean shoe soles while solution sanitizes them. This unique double-action helps keep contamination from reaching food processing areas. Footbaths are recommended at entrances to all food processing areas. Select the black with yellow border mat with "footbath use required" message to remind employees to use it.

Description	Color	Dimensions	Unit	Stock #	PRICE
Standard Rubber					
Standard Height	Black	24" x 32" x⅞"D	EA	430-2005	$51.44
High Wall™	Black w/Yellow Border	32" x 39" x 2"D	EA	430-2006	$142.80
Chlorine Resistant					
Standard Height	Black	24" x 32" x⅞"D	EA	430-2000	$80.08
High Wall™	Red	32" x 39" x 2"D	EA	430-2078	$180.54
High Wall™	Blue	32" x 39" x 2"D	EA	430-2076	$180.54
High Wall™	Black w/Yellow Border	32" x 39" x 2"D	EA	430-2007	$180.54
High Wall™	Orange	32" x 39" x 2"D	EA	430-2072	$180.54
Antimicrobial					
High Wall™	Yellow	32" x 39" x 2"D	EA	430-2051	$188.70

Prices subject to change.

SPECIALTY MATTING

Knobby Mats™

Color-Coded

Economic rubber mats designed for heavy wear and tear in almost any environment. Knobby surface on both sides allows circulation of air or liquid. Protects stainless steel parts or glassware from knocking against hard surfaces. Perfect for disassembled pump parts during repairs. Use with Rubbermaid® utility carts to make a mobile pump repair center.

All mats are formulated from FDA approved material, except the black mat, which is not FDA compliant but can be used in facilities as anti-fatigue. EPDM mats are standard, and white nitrile mat is oil resistant. If specified, mats have 3/4" reinforced holes die-cut in 2 corners for easy hanging on our stainless steel mat hanger (#141-2200). Mat with black "X" helps prevent cross-contamination. Use the solid colored side for product contact and the side with the "X" as the bottom side. 21" x 27".

Color	Material	Unit	Stock #	PRICE
White w/ hanging holes	EPDM	EA	141-2006	$39.46
Black w/o hanging holes	EPDM	EA	141-2010	$39.36
Mats with "X" & hanging holes				
White	EPDM	EA	141-2015	$41.17
Red	EPDM	EA	141-2020	$48.05
Yellow	EPDM	EA	141-2025	$48.05
Blue	EPDM	EA	141-2005	$48.05
Green	EPDM	EA	141-2030	$48.05
Orange	EPDM	EA	141-2035	$48.05
Purple	EPDM	EA	141-2038	$48.05
White	Nitrile	EA	141-7010	$49.77

Metal Detectable Knobby Mat™

One of our most popular mats is now available in metal detectable material. Our metal detectable mats are differentiated with a third die-cut hole. Knobby surface of both sides will allow for circulation of air or liquid. Mat with the "X" helps prevent cross-contamination - use the solid colored side for product contact. Formulated with FDA approved materials, except the black mat, which is not FDA compliant, but can be used in facilities as anti-fatigue. Features three 3/4" reinforced die-cut hanging holes for use with stainless steel mat hanger (#141-2200). 21" x 27".

Color	Unit	Stock #	PRICE
White with Hanging Holes	EA	141-2080	$57.84
Black with Hanging Holes	EA	141-2081	$57.84
Mat with "X" and ¾" Hanging Holes			
White	EA	141-2082	$57.84
Red	EA	141-2083	$63.78
Yellow	EA	141-2084	$63.78
Blue	EA	141-2085	$63.78
Green	EA	141-2086	$63.78
Orange	EA	141-2087	$63.78
Purple	EA	141-2088	$63.78

Premium Dual Color Knobby Mat™

Take color-coding product contact and non-product surfaces to the ultimate level and reduce cross-contamination with this mat. One side of the mat is solid black while the other is solid colored making it easy to identify product and non-product surfaces. Knobby surface on both sides allows for circulation of air or liquid. Protect stainless steel parts or glassware from knocking against hard surfaces. Perfect for disassembled pump parts during repairs. Formulated of FDA approved materials and features 3/4" reinforced die-cut holes in two corners for easy hanging on the stainless steel mat hanger (#141-2200). 21" x 27".

Color	Unit	Stock #	PRICE
White/Black	EA	141-2040	$51.91
Red/Black	EA	141-2045	$51.91
Yellow/Black	EA	141-2050	$51.91
Blue/Black	EA	141-2055	$51.91
Green/Black	EA	141-2060	$51.91
Orange/Black	EA	141-2065	$51.91
Purple/Black	EA	141-2070	$51.91

Call Customer Service at 800-826-8302

SPECIALTY MATTING

Metal Detectable Dual Color Knobby Mat™

The popular dual color knobby mat is now available in metal detectable material. Metal detectable mats are differentiated with a third die-cut hole. One side of the mat is solid black, while the other is a solid color to easily identify product and non-product surfaces. Formulated with FDA approved materials. Features three 3/4″ reinforced die-cut hanging holes for use with stainless steel mat hanger (#141-2200). 21″ x 27″.

Color	Unit	Stock #	PRICE
White/Black	EA	141-2089	$75.64
Red/Black	EA	141-2090	$75.64
Yellow/Black	EA	141-2091	$75.64
Blue/Black	EA	141-2092	$75.64
Green/Black	EA	141-2093	$75.64
Orange/Black	EA	141-2094	$75.64
Purple/Black	EA	141-2095	$75.64

Knobby Mat™ Hanger

Stainless steel hanger holds up to 5 mats (with die-cut holes). Use to air dry mats after cleaning and to efficiently store mats between use. 3″W x 21″L.

Unit	Stock #	PRICE
EA	141-2200	$104.29

PRIMERS & ENAMEL

Rust-Oleum® Industrial Enamel & Primer

Our high-quality maintenance coatings are USDA acceptable and Agriculture Canada approved.
- A special, modified alkyd designed for the food & beverage industry.
- Resistant to mold, mildew, and humidity.
- Stands up to repeated washing, disinfectants, and cleaning compounds.
- Resistant to heat up to 212°F (100°C) and cold surfaces as low as 18°F (-7°C).
- Use on masonry, wood, or metal surfaces (not for use on galvanized metal).

Spray, roll, or brush on clean, dry surfaces only. Provides a high-gloss finish. Neutralize and remove any mold or fungus growth before applying Rust-Oleum coatings. Use in combination with #459-2492 or #459-2469 primer. Covers up to 590 sq. ft./gal. Dries to touch in 2 to 4 hours, can be recoated in 24 hours. Other product available. Please call for pricing & availability.

Description	Wt	Unit	Stock #	PRICE
Dairy white enamel - 2 gal/ca	20.895	CA	459-2495	$159.98
White clean metal primer - 2 gal/ca	13	CA	459-2492	$178.58
Red rusted metal primer	13	GA	459-2469	$89.29

Proto® Putty Knife W/ Flexible Nylon Handle

Scrape and fill with comfort and ease with this putty knife made with hardened, tempered and polished steel. Nylon handle resists shattering. Permanently fastened full tang blade.

Blade Size	Overall Length	Unit	Stock #	PRICE
1-1/4″	7-1/2″	EA	136-2083	$5.89

Prices subject to change.

Plastic Mesh Shelf Liner

This non-absorbent shelf liner can be used in a variety of applications. Use in production areas to drain parts or in the lab area to place fragile glassware on. Resistant to food acids, grease, and detergents. Pliable plastic will not curl, lies flat. Conforms to FDA regulations.

CARLISLE

Color	Size	Unit	Stock #	PRICE
Black	2' x 40'	RL	618-6188	$57.73
Clear	2' x 40'	RL	618-6189	$57.73

Wire Shelving Units

Create a shelving system to fit your individual needs. Wire shelving allows air and light to penetrate and is ideal for refrigerated storage, parts drying, etc. Patented split sleeves allow shelves to be adjusted at 1" intervals on grooved posts. Shelves lock into place in just minutes without special tools. Chrome-plated carbon steel. Zinc-plated, polymer-coated and stainless steel are available as well as other sizes. Four split sleeves come with every shelf to connect to posts.

To order wire shelving:

1.) Select size and quantity of shelves needed.

2.) Select 4 posts of identical length for each shelving unit.

Length	Width	Capacity per shelf	Unit	Stock #	PRICE
Shelves					
24"	18"	800-lbs	EA	441-2013	$32.96
30"	18"	800-lbs	EA	441-2015	$34.00
36"	18"	800-lbs	EA	441-2017	$34.52
42"	18"	800-lbs	EA	441-2019	$41.01
48"	18"	600-lbs	EA	441-2021	$41.53
54"	18"	600-lbs	EA	441-2023	$48.54
60"	18"	600-lbs	EA	441-2025	$49.06
72"	18"	600-lbs	EA	441-2027	$57.88
24"	24"	800-lbs	EA	441-2033	$41.01
36"	24"	800-lbs	EA	441-2035	$42.83
42"	24"	800-lbs	EA	441-2037	$51.13
48"	24"	600-lbs	EA	441-2039	$52.17
54"	24"	600-lbs	EA	441-2041	$60.74
60"	24"	600-lbs	EA	441-2043	$61.78
72"	24"	600-lbs	EA	441-2045	$72.68
Posts - Where shelving units are placed end-to-end, 2 "S" hooks substitute for 2 posts.					
33"	-	-	EA	441-2051	$12.98
54"	-	-	EA	441-2053	$14.02
63"	-	-	EA	441-2055	$14.54
74"	-	-	EA	441-2057	$16.09
86"	-	-	EA	441-2059	$18.43
Accessories					
"S" hook	-	-	EA	441-2061	$1.51
Post clamp	-	-	EA	441-1425	$6.25
Swivel Caster - 300# Capacity	-	-	EA	441-7019	$45.19
Swivel Caster - 200# Capacity	-	-	EA	441-2063	$24.92

Call Customer Service at 800-826-8302

SHELVING

How to Build an 8000 Series Shelving System

Step 1

Select Upright Assembly

Choose Open or Closed Upright

Determine depth and height of Shelving Systems

Step 2

Select Back Bracing

Choose Lateral Cross Brace or Solid Back Panel

Step 3

Select Shelves

Determine dimensions

Choose Gauge

Choose type-
Box "W" • Flanged • Wire •
Galvanized or Bin

Step 4

Select Accessories and/or Additional Components

Step 5

Select Anchoring and Additional Bracing Components

Foot Plate • Floor Angle • Anchor • End-Tie Clip

End-Tie Clip

(see step 5)

Anchoring System

(see step 5)
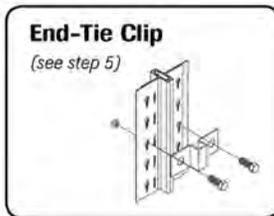
Step 1: Select Upright Assembly

Order one End Upright to create a starter unit or free standing shelf. Choose from open or closed. Dove gray. More options available, please call the Shelving Specialists to learn more.

Size	Unit	Stock #	PRICE
Open Shelving (A)			
12" x 84"	EA	412-1830	$52.53
12″ x 120″	EA	412-1839	$66.78
18" x 84"	EA	412-1836	$54.09
24" x 84"	EA	412-1838	$55.64
30″ x 84″	EA	412-7060	$44.18
Closed Shelving (B)			
12" x 84"	EA	412-1800	$70.33
18" x 84"	EA	412-1806	$75.52
24" x 84"	EA	412-1811	$82.57
24″ x 96″	EA	412-7070	$106.86
30″ x 84″	EA	412-7061	$88.36

LYON
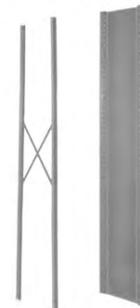
Prices subject to change.

Step 2: Select Back Bracing

Choose lateral cross brace or solid cross back panel to go along with your end upright assembly. Dove Gray. More options available, please call the Shelving Specialists to learn more.

LYON

Size	Unit	Stock #	PRICE
Open Lateral Back Cross Brace (D)			
Fits all 30″W and 36″W shelving including all counter shelving	EA	412-7002	$24.77
Fits all 42″W shelving	EA	412-7071	$19.49
Fits all 48″W shelving except counter shelving	EA	412-7062	$19.60
Shelving Backs (E)			
30″W x 84″H	EA	412-7065	$86.45
36″W x 84″H	EA	412-7019	$71.26
36″W x 96″H	EA	412-7072	$77.82
42″W x 84″H	EA	412-7063	$72.69
48″W x 84″H	EA	412-7073	$74.00

Step 3: Select Shelving

Box "W" shelving holds up to 600 lbs per shelf. Dove gray. Shelves also available with 750 & 900-lbs capacity per shelf. All shelves include 4 clips. More options available, please call the Shelving Specialists to learn more.

Size	Unit	Stock #	PRICE
Medium-Duty Shelves 22 gauge Box W (F)			
36"W x 12"D	EA	412-7066	$17.58
36"W x 18"D	EA	412-1870	$29.68
36"W x 24"D	EA	412-7009	$31.19
Heavy-Duty Shelves 20 gauge Box W (F)			
36"W x 12"D	EA	412-7067	$19.28
36"W x 18"D	EA	412-7018	$29.68
36"W x 24"D	EA	412-7003	$38.25
42″W x 12″D	EA	412-7068	$25.04
42″W x 18″D	EA	412-7074	$29.25
42″W x 24″D	EA	412-7069	$36.75
48″W x 12″D	EA	412-7046	$28.40
48″W x 18″D	EA	412-7047	$37.17
48″W x 24″D	EA	412-7048	$44.96

Step 4: Select Accessories or Components

Choose from a variety of accessories to complete your shelving unit. More accessories available, call the Shelving Specialists today for more options.

Size	Unit	Stock #	PRICE
Open Rack End Cross Braces (C)			
For 12″D open rack ends	PK	412-7049	$11.88
For 18″D open rack ends	PK	412-7050	$10.79
For 24″D open rack ends	PK	412-7051	$12.13
For 30″D open rack ends	PK	412-7052	$15.07
Roll-Formed T-Posts Only (not pictured)			
84″H	PK	412-7053	$17.69
8000 Series Clips (H)			
Shelf Clip	EA	412-7004	$0.46
Bin Fronts (L)			
36″W x 1″H	PK	412-7054	$7.39
42″W x 1″H	PK	412-7055	$11.85
48″W x 1″H	PK	412-7056	$13.79
Base Strips (R)			
36″W x 1-7/8″H	PK	412-7058	$6.51
42″W x 1-7/8″H	PK	412-7057	$7.71
48″W x 1-7/8″H	PK	412-7059	$7.78

Step 5: Select Anchoring & Bracing
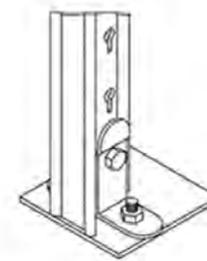
Choose to anchor or brace your shelving unit for added safety. Ties sections back-to-back. More anchoring and bracing options available, please call the shelving specialist to learn more.

Unit	Stock #	PRICE
Anchor Foot		
EA	412-7075	$11.21

Call Customer Service at 800-826-8302

LOCKERS

Single Tier Lockers

The most widely used of all lockers. Storage shelf is 9″ from top. 12″ and 15″ deep models have a double-pronged ceiling hook. 18″ deep models have a coat rod. Several more single hooks included in all models. Locker openings are 12″W x 72″H. Overall height 78″. Chrome handles accept standard padlocks. Padlocks sold separately. For economy, purchase triple sections. Dove gray heavy-duty steel. Antimicrobial coating available. Available in other colors and sizes. Shipped knocked-down. Ships direct from manufacturer. Freight charges apply.

Mfg Part #	Depth	Sections	Wt	Unit	Stock #	PRICE
5112	12″	Single	52	EA	412-1501	$168.26
5112-3	12″	Triple	141.9	EA	412-1502	$438.77
5032	15″	Single	57.1	EA	412-1503	$171.63
5032-3	15″	Triple	152.1	EA	412-1504	$447.66
5042	18″	Single	62.3	EA	412-1505	$178.31
5042-3	18″	Triple	162.3	EA	412-1506	$464.99

Double Tier Lockers

Compact yet roomy. Use double tier lockers where space is at a premium without sacrificing storage capacity. Each locker opening is 12″W x 36″H and contains one double-prong and 3 single-prong coat hooks. Overall height 78″. Chrome handles accept standard padlocks. Padlocks sold separately. Dove gray heavy-duty steel. Antimicrobial coating available. Available in other colors and sizes. Shipped knocked-down. Ships direct from manufacturer. Freight charges apply.

Mfg Part #	Depth	Sections	Wt	Unit	Stock #	PRICE
5202	12″	Single	53	EA	412-1518	$185.95
5202-3	12″	Triple	143	EA	412-1519	$484.87
5212	15″	Single	57	EA	412-1520	$195.92
5212-3	15″	Triple	155	EA	412-1521	$510.97
5222	18″	Single	63	EA	412-1522	$203.42
5222-3	18″	Triple	166.2	EA	412-1523	$530.63

Six-Tier Lockers

Six openings in a 72″ high single section. Each opening is 12″H x 12″W. The triple section has 18 openings in a 36″ width. Overall height 78″. Dove gray heavy-duty steel. Antimicrobial coating available. Available in other colors and sizes. Shipped knocked-down. Ships direct from manufacturer. Freight charges apply.

Mfg Part #	Depth	Sections	Wt	Unit	Stock #	PRICE
5332	12″	Single	57	EA	412-1532	$237.13
5332-3	12″	Triple	151.2	EA	412-1533	$618.40
5362	18″	Single	70.2	EA	412-1535	$260.94
5362-3	18″	Triple	178.2	EA	412-1536	$680.68

Plastic Lockers

Durable and easy to maintain, polyethylene plastic lockers will provide years of use with little maintenance. With injection mold doors for a cleaner appearance, these plastic lockers will not dent, scratch, or rust like metal units. Cleaning is easy, simply hose with soap and water. Units with built-in sloped tops are available for added storage and to prevent placing product on top of lockers. Purchase one sloped top locker per column. Mix & match sizes as needed. Standard color is gray. Other colors, including units with clear doors, available upon special request. Units with drain holes also available. Direct ships assembled from manufacturer in PA. Freight charges will apply. Lockers are sold per opening and not by column.

Mounting bar kit required to mount lockers on the wall. Call us with your locker configurations and we'll determine the number of kits needed.

Description	Size	Wt	Unit	Stock #	PRICE
Traditional 6-Person Lockers-Sold per Opening					
Flat top	12″H x 12″W x 15″D	6	EA	698-2021	$54.60
Sloped top	23″H x 12″W x 15″D	8	EA	698-2022	$59.84
Traditional 4-Person Lockers-Sold per Opening					
Flat top	18″H x 15″W x 15″D	10	EA	698-2024	$74.89
Sloped top	29″H x 15″W x 15″D	12	EA	698-2026	$86.80
Traditional 2-Person Lockers-Sold per Opening. Includes hook.					
Flat top	36″H x 12″W x 15″D	19	EA	698-2018	$100.64
Sloped top	47″H x 12″W x 15″D	21	EA	698-2019	$106.62
Traditional 2-Person Lockers-Sold per Opening. Includes hook and shelf.					
Flat top	36″H x 12″W x 15″D	16	EA	698-2025	$114.00
Sloped top	47″H x 12″W x 15″D	21	EA	698-2027	$119.98
Mounting Bar Kit					
Includes 2 mounting bars and hardware	48″L x 1½″W x ½″D	4	KT	698-2020	$63.17

Locker Accessories

Locker feet secure lockers firmly in place. For freestanding lockers, attach one foot per leg. Where lockers are fastened to a wall, only front legs need anchoring. Number plates provide easy identification. Etched black figures on aluminum plate. 2-3/4″W x 1″H. Tell us the number sequence you need.
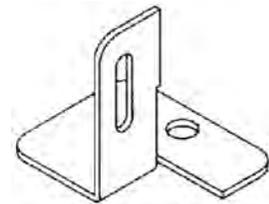
Mfg Part #	Description	Pkg	Unit	Stock #	PRICE
5870	Locker foot anchor	10/pk	PK	412-1587	$9.68
5829	Number plate	-	EA	412-1588	$1.25

Prices subject to change.

CABINETS

Steel Combination Cabinets

Storage and wardrobe all in one unit. One full-width top shelf. Left side is wardrobe with coat rack. Right side has 4 adjustable shelves. 36″W x 21″D x 78″H. Key lock. Shipped knocked down. Available in other colors and sizes. Ships direct from manufacturer. Freight charges apply.

Color	Wt	Unit	Stock #	PRICE
Gray	142.2	EA	412-1101	$482.25
Putty	142.2	EA	412-1103	$482.25

Steel Storage Cabinets

Four-shelf cabinets with double doors for easy access. Weight capacity of 180 lbs per shelf. Shelves are adjustable every 2″. Key lock is standard. 36″W x 21″D x 78″H. Shipped knocked-down. Available in other colors and sizes. Ships direct from manufacturer. Freight charges apply.
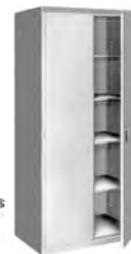
Description	Wt	Unit	Stock #	PRICE
Gray cabinet	140.3	EA	412-1100	$407.41
Extra shelf, gray	10	EA	412-7010	$44.14
Putty cabinet	140.3	EA	412-1102	$407.41
Extra shelf, putty	7.5	EA	412-1115	$44.14

Rubbermaid® Storage Cabinet

Made of durable poly material, these cabinets will not dent or crack and are perfect for a wet or damp environment since they will not rust. Units snap together for quick and easy assembly. Lockable doors provide extra security. Both base and full units include two keys. 36″W x 18″D.

Size	Capacity	Wt	Unit	Stock #	PRICE
Base - 37″H	300 lbs	28	EA	440-2100	$160.32
Full - 72″H	690 lbs	55	EA	440-2103	$279.38

Flammable Liquids Cabinets

Keep your combustible liquids stored in a top-quality cabinet. The cabinet has 2 manual close doors and a 3-point key lock. Adjustable galvanized shelves. 2″ vents with fire baffle and caps. Yellow cabinet. Ships direct from manufacturer. Freight charges apply. Made in the USA. Meets NFPA Code 30 and OSHA requirements. Other sizes available.

Model	Capacity	Size	Shelves	Wt	Unit	Stock #	PRICE
1932	30-gal	43″W x 18″D x 44″H	1	231	EA	412-1990	$1,197.28
1947	45-gal	43″W x 18″D x 65″H	2	312	EA	412-1992	$1,482.10

Call Customer Service at 800-826-8302

INDUSTRIAL SEATING

Rubbermaid® Safety Stepstool

This stool has large treaded top and expanded step, with wide base for stability. Rolls easily with rubber casters, which retract whenever it is stepped on. Tough one-piece plastic construction. 350-lbs capacity. Black. 13.5"H x 16" diameter base.

Mfg Part#	Unit	Stock #	PRICE
2523	EA	440-2190	$97.16

WATER FILTERS

CUNO® Water Filters by 3M™ Aqua-Pure™

Throughout the world, CUNO is a recognized leader in water filtration technology. Their wide product line is backed by 75 years of experience. CUNO has the world's largest technical base in filtration and separation products, and manufacturing standards that produce the finest quality filters and filter cartridges in the world.

The CUNO products shown here have been carefully selected for the food and dairy industry by our experts at Nelson-Jameson. All the products shown are constructed of materials which meet FDA requirements for use with potable water, beverages, and food products. If you don't see the product listed that you are looking for - call us. Chances are we can supply a CUNO water filtration system to satisfy your needs.

Standard Plastic Filter Housing

For cold water lines only, these transparent housings let you know at a glance if the cartridge needs changing. Virtually shatterproof, they carry a 10-year limited warranty. Easy to install with 3/4" NPT connections. Use any Cuno® 9-3/4" high replacement cartridge. Filter housings are shipped with one AP110 dirt/rust filter cartridge, which offers a standard flow rate of 8 gpm. Two plastic housings available: AP11T and AP101T. Two-cartridge units available for flow rates to 16 gpm. 4/case.

AP11T - Our standard housing, featuring a pressure relief button to relieve sump pressure. Requires valves in inlet and outlet lines in order to change cartridges.

AP101T - Valve-in-head feature eliminates the need to install additional valves on the water line. Turning the filter head handle shuts off incoming and outgoing water flow. Internal pressure is automatically vented for easy sump removal.

Description	Size	Unit	Stock #	PRICE
Standard - AP11T	13¹¹⁄₁₆"H x 4⁹⁄₁₆"dia.	EA	153-2011	$106.98
Valve-in-head - AP101T	14¼"H x 4⁹⁄₁₆"dia.	EA	153-2101	$123.31

Heavy-Duty Plastic Filter Housing

The ideal cold water line housing when high filtration efficiency and high sediment capacity is desired. Effectively filters dirt/rust and taste/odor. 1" NPT inlet/outlet connections makes this housing easy to install and allows higher flow rate, up to 20 gpm. Pressure tested, high-impact plastic design protects against pressure surges and water hammer. Accepts AP810 or AP817 water filter cartridges. 10-year limited warranty.

Mfg Part#	Description	Pkg	Unit	Stock #	PRICE
AP801	Water filter housing	2/ca	EA	153-2801	$107.41
AP810	5 micron dirt/ rust cartridge	3/ca	CA	153-2811	$128.87
AP817	5 micron dirt/ rust & taste/ odor cartridge	4/ca	CA	153-2817	$196.20

Prices subject to change.

WATER FILTERS

Stainless Steel Filter Housing

This rugged, heavy-duty housing features a 304 stainless steel housing with a 316 stainless steel head for maximum strength and durability. Use for high-temperature and high-pressure (300 psi max.) applications. Made of FDA compliant material. 3/4″ horizontal NPT connection. Use any Cuno® 9-3/4″H replacement cartridge. Two-cartridge units available for flow rates to 16 gpm. Dimensions: 12-1/2″H x 4-3/16″dia.

Mfg Part#	Max. Temp.	Unit	Stock #	PRICE
SST1HA	200°F	EA	153-2046	$233.12

3MPurification

Dirt/Rust Filter Cartridges

Made by an exclusive process in which pure white cellulose fibers are permanently arranged in the form of a porous rigid cylinder. The spaces between fibers become gradually smaller toward the center cavity. In this way larger particles are trapped in the outer layers, while at the inner layers small particles are trapped. Only clean water flows up through the cavity into the outlet water stream. Select the cartridge to meet your needs: 5-micron for normal filtration conditions or 50-micron for heavy dirt load. Use for hot or cold water service: maximum temperature for these cartridges is 210°F (99°C). Hot water applications require stainless steel housings. Maximum flow 8 gpm per cartridge. Dimensions: 9-3/4″H x 2-1/2″diameter. 1″ centerhole.

Mfg Part#	Size	Pkg	Unit	Stock #	PRICE
AP110	5 micron	2/pk	PK	153-2131	$25.14
AP110	5 micron	36/ca	CA	153-2130	$402.20
AP124	50 micron	2/pk	PK	153-2141	$24.37
AP124	50 micron	36/ca	CA	153-2140	$393.94

3MPurification

Taste/Odor Removal Cartridges

Water enters the cartridges at the top, passing through a 5-micron prefilter to remove dirt/rust. It is then directed through a depth bed of activated carbon to remove chlorine and contaminants that cause bad taste/odor. The cartridge design ensures that the water is in contact with the largest amount of contaminant absorbing carbon for the longest possible time. A post-filter retains the carbon granules as the water flows through the center hole to the point of use. 1″ center hole. Maximum flow 3 gpm per cartridge. Dimensions: 9-3/4″H x 3″ diameter.

Mfg Part#	Size	Pkg	Unit	Stock #	PRICE
AP117	5 micron	2/bx	PK	153-2125	$75.14
AP117	5 micron	36/ca	CA	153-2123	$414.84

3MPurification

Water Softener Salt

Description	Unit	Stock #	PRICE
Solar Salt			
50-lb bag	BG	542-6500	$7.78
Salt Pellet with Resin Conditioner			
50-lb bag	BG	542-6505	$8.33
Salt Pellet with Rust Remover			
40-lb bag	BG	542-6510	$6.63

Call our Water Filtration Specialists today about your water filter needs.

Call Customer Service at 800-826-8302

AIR FILTERS

Air Filters

Airborne contaminants are of concern to food processors everywhere. Whether you need air filtration for your dryer, your starter room, your plant, or your office HVAC system, Nelson-Jameson can provide you with the right filter to help eliminate those concerns. From the simplest Filter Media Rolls, to medium-efficiency Panel Filters, to high-efficiency Pocket Filters, all the way to 99.97% efficient Box Style Filter—we have the widest selection of air filtration products available to processors. If you don't see the air filter you need on these pages, our air filtration specialists are only a call away at 800/826-8302.

AS-Series Synthetic Media High Efficiency Pocket Filters

Made from 100% organic microfibers that won't shed like fiberglass filters. Combining a low initial pressure drop and high dust holding capacity, the AS series filters are a safe and effective choice for food and dairy plants. Individual pockets are bonded to the 1" ribbed galvanized steel frame with a thermoplastic sealant for leak-free performance. 45% efficiency rated version, 1-1/8" header frame, gasketing, loops, and special sizes also available.

Size	Pockets	Unit	Stock #	PRICE
AS-85 (85% efficiency)				
12" x 24" x 15"	5	EA	660-2437	$18.49
12" x 24" x 22"	3	EA	660-2439	$13.77
12" x 24" x 23"	4	EA	660-2440	$17.21
12" x 24' x 22"	5	EA	660-2441	$20.46
12" x 24" x 26"	4	EA	660-2443	$18.42
24" x 24" x 15"	10	EA	660-2457	$30.47
24' x 24" x 22"	6	EA	660-2460	$23.93
24" x 24" x 22"	8	EA	660-2461	$29.90
24" x 24" x 22"	10	EA	660-2462	$34.54
24" x 24" x 26"	8	EA	660-2428	$32.18
24" x 24" x 26"	10	EA	660-7003	$37.39
AS-95 (95% efficiency)				
12" x 24" x 15"	5	EA	660-2467	$19.06
12" x 24" x 22"	3	EA	660-2469	$14.42
12" x 24" x 22"	4	EA	660-2470	$17.90
12" x 24" x 26"	4	EA	660-2473	$18.73
24" x 24" x 15"	10	EA	660-2488	$31.81
24" x 24" x 22"	6	EA	660-7014	$24.95
24" x 24" x 22"	8	EA	660-7011	$31.28
24" x 24" x 22"	10	EA	660-2492	$33.57
24" x 24" x 26"	8	EA	660-2454	$33.05
24" x 24" x 26"	10	EA	660-2495	$39.40

Revolution Series Synthetic Media High Efficiency Pocket Filters

Premium pocket filter built around proprietary synthetic media using "waves" to increase surface area. Available in 85% (MERV 13) or 95% (MERV 14) efficiencies providing higher dust holding capacity when compared to other media. Resistant to humid environments. Additional sizes and pockets available.

Size	Pockets	Unit	Stock #	PRICE
Revolution (85% - MERV 13)				
12" x 24" x 15"	5	EA	660-2500	$24.92
12" x 24" x 22"	3	EA	660-2501	$20.02
12" x 24" x 22"	4	EA	660-2502	$25.04
12" x 24" x 26"	4	EA	660-2503	$27.74
24" x 24" x 15"	10	EA	660-2504	$48.55
24" x 24" x 22"	6	EA	660-2505	$36.89
24" x 24" x 22"	8	EA	660-2506	$46.44
24" x 24" x 22"	10	EA	660-2507	$57.78
24" x 24" x 26"	8	EA	660-2508	$52.44
24" x 24" x 26"	10	EA	`660-250-`	$65.13
Revolution (95% - MERV 14)				
12" x 24" x 15"	5	EA	660-2511	$27.00
12" x 24" x 22"	3	EA	660-2512	$21.44
12" x 24" x 22"	4	EA	660-2513	$26.94
12" x 24" x 26"	4	EA	660-2514	$29.95
24" x 24" x 15"	10	EA	660-2515	$51.83
24" x 24" x 22"	6	EA	660-2516	$39.72
24" x 24" x 22"	8	EA	660-2517	$50.21
24" x 24" x 26"	10	EA	660-2518	$63.11
24" x 24" x 26"	8	EA	660-2519	$56.24
24" x 24" x 26"	10	EA	660-2520	$70.65

Prices subject to change.

Series 440 Medium Efficiency Pocket Filters

Sturdy steel wire support frame that forms a self-seal gasket to prevent bypass. Tough, resilient 2-ply polyester media prevents fiber break off and is tackified for added efficiency. 1″ and 1-1/8″ header frames and special sizes also available.

Size	Pockets	Pkg	Unit	Stock #	PRICE
Series 440 (31.8% efficiency)					
12″ x 24″ x 15″	1	4/ca	CA	660-2215	$49.36
16″ x 20″ x 15″	2	4/ca	CA	660-2217	$61.60
16″ x 25″ x 15″	2	4/ca	CA	660-2218	$65.89
20″ x 20″ x 15″	2	4/ca	CA	660-2220	$61.60
20″ x 24″ x 15″	2	4/ca	CA	660-2221	$67.41
20″ x 25″ x 15″	2	4/ca	CA	660-2222	$67.41
24″ x 24″ x 15″	2	4/ca	CA	660-2224	$69.23
Series 440-HC (40% efficiency)					
12″ x 24″ x 15″	1	2/ca	CA	660-2245	$26.65
16″ x 20″ x 15″	2	2/ca	CA	660-2247	$37.82
16″ x 25″ x 15″	2	2/ca	CA	660-2248	$37.82
20″ x 20″ x 15″	2	2/ca	CA	660-2250	$37.82
20″ x 24″ x 15″	2	2/ca	CA	660-2251	$48.25
20″ x 25″ x 15″	2	2/ca	CA	660-2252	$48.25
24″ x 24″ x 15″	2	3/ca	CA	660-2254	$36.00

Panel Filters

Features a tough galvanized steel internal wire frame that forms a self-sealing gasket to prevent bypass. Won't sag or distort like cardboard. Three-stage progressive density media construction enables filter to hold more dirt for longer life. Two versions: Series 153 is 2-ply polyester media with a dry tackifier. Series 15/40 features 3-ply polyester media with a tackifier for higher efficiency. 24 panels/case. Continuous links and special sizes available.

Size	Unit	Stock #	PRICE
Series 153			
12″ x 24″	CA	660-2420	$77.40
16″ x 20″	CA	660-2421	$81.04
16″ x 25″	CA	660-2422	$90.12
20″ x 20″	CA	660-2423	$89.03
20″ x 24″	CA	660-2424	$99.21
20″ x 25″	CA	660-2425	$98.48
24″ x 24″	CA	660-2426	$105.75
Series 15/40			
12″ x 24″	CA	660-2115	$80.31
16″ x 20″	CA	660-2117	$86.50
16″ x 25″	CA	660-2118	$94.48
20″ x 20″	CA	660-2120	$91.94
20″ x 24″	CA	660-2121	$101.38
20″ x 25″	CA	660-2122	$103.57
24″ x 24″	CA	660-2124	$112.29

Filter Media Rolls

Excellent for use as pre-filters, these economical filter rolls can be used in flat and V-bank installations, in frames, or they can easily be cut into pads. We feature all polyester high-efficiency, high-capacity media that won't shed like fiberglass. R-70 is our lowest cost media. Nominally 1/2″ thick, it will provide better overall filtration than most 2″ fiberglass media. R-80 is a nominal 3/4″ material that is most often used to replace 2″ fiberglass when increased efficiency is required. R-85T is R-80 material that has been treated with a tackifier to provide maximum efficiency and dust holding capacity. Other widths, auto rolls, pre-cut pads (for R-85 only), and fiberglass media also available.

Width	Pkg	Wt	Unit	Stock #	PRICE
R-70, 135′ Roll					
16″	3/ca	20	CA	660-2001	$136.50
20″	2/ca	16	CA	660-2002	$126.19
25″	2/ca	20	CA	660-2003	$135.90
40″	1/ca	16	CA	660-2004	$122.91
50″	1/ca	20	CA	660-2005	$136.15
R-70, 180′ Roll					
60″	1/ca	30	CA	660-7009	$191.95
R-80, 90′ Roll					
16″	3/ca	20	CA	660-2011	$133.97
20″	2/ca	16	CA	660-2012	$103.41
25″	2/ca	20	CA	660-7010	$133.43
50″	1/ca	20	CA	660-2015	$132.67
60″	1/ca	25	CA	660-7018	$145.98
R-85T, 90′ Roll					
16″	3/ca	35	CA	660-2021	$144.06
21″	2/ca	29	CA	660-2022	$122.51
25″	2/ca	35	CA	660-2320	$144.06
42″	1/ca	29	CA	660-2024	$121.06
51″	1/ca	35	CA	660-2025	$143.15
60″	1/ca	37	CA	660-2026	$159.60

Not finding what you need?

Call our Filtration Specialists for additional filter options

Call Customer Service at 800-826-8302

AIR FILTERS

ES40LE Tri-Pleat Extended Surface Filters

Filters utilize a cotton/synthetic media with a radial pleat design for higher efficiency and longer service life. The media is supported and bonded to an expanded metal grid for stability and total media usage. This economical disposable filter features rugged construction with die-cut beverage board enclosing box frame. Listed at 40% nominal efficiency.

Also available: ES60LE nominal 60% efficiency rated version in 2" and 4" deep. High-capacity, special sizes, and welded wire backing.

Size	Pkg	Unit	Stock #	PRICE
1" Deep				
12" x 24"	48/ca	CA	660-2702	$166.10
16" x 16"	24/ca	CA	660-2756	$134.91
16" x 20"	24/ca	CA	660-2706	$88.84
16" x 25"	24/ca	CA	660-2707	$104.81
20" x 20"	24/ca	CA	660-2709	$105.16
20" x 25"	24/ca	CA	660-2710	$108.79
24" x 24"	24/ca	CA	660-2712	$117.86
2" Deep				
12" x 24"	24/ca	CA	660-2716	$87.04
16" x 20"	12/ca	CA	660-2720	$46.78
16" x 25"	12/ca	CA	660-2721	$60.20
18" x 24"	12/ca	CA	660-2722	$55.49
20" x 20"	12/ca	CA	660-7006	$53.49
20" x 24"	12/ca	CA	660-2725	$59.48
20" x 25"	12/ca	CA	660-2726	$63.85
24" x 24"	12/ca	CA	660-2728	$67.09
4" Deep				
12" x 24"	12/ca	CA	660-2730	$75.25
16" x 20"	6/ca	CA	660-2739	$36.60
16" x 25"	6/ca	CA	660-2732	$41.98
18" x 24"	6/ca	CA	660-2733	$43.61
20" x 20"	6/ca	CA	660-2734	$41.98
20" x 24"	6/ca	CA	660-2735	$45.78
20" x 25"	6/ca	CA	660-2736	$45.60
24" x 24"	6/ca	CA	660-2738	$45.78
25" x 29"	4/ca	CA	660-2740	$41.94

Tri-Cell ASHRAE Rigid High Efficiency Filters

Provide 95% efficiency in a rugged 24-gauge galvanized steel box frame with a single header. Tri-Cell features a continuous sheet of graduated density microfiber filter media. The media is sealed to the frame and a separator is placed between each pleat to insure minimum air flow resistance. Standard 5-7/8" and 11-1/2" deep models with single header.

Also available: 65% and 85% efficiencies, DTF double turned flange frames, 3/4" particle board frames, high temperature machinery intake filter, and other sizes. Ships direct from manufacturer. Freight charges will apply.

Size	Wt	Unit	Stock #	PRICE
5-7/8" Deep				
12" x 24"	6	EA	660-2604	$80.23
20" x 20"	9	EA	660-2608	$68.79
20" x 24"	10	EA	660-2609	$73.07
20" x 25"	10	EA	660-2610	$73.07
24" x 24"	12	EA	660-2612	$74.14
11-1/2" Deep				
12" x 24"	17	EA	660-2616	$66.13
20" x 20"	19	EA	660-2620	$87.51
20" x 24"	17	EA	660-2621	$91.96
20" x 25"	23	EA	660-2622	$94.00
24" x 24"	25	EA	660-2624	$99.38

HEPA 99.97% Efficiency Filters

The ultimate in air contaminant protection for food processors. These filters are 99.97% efficient on 0.3 micron particles at air velocities up to 275 F.P.M. Each filter is constructed from one-continuous sheet of high-strength, water-resistant, graded-density, microfiber media. The media is sealed to a rugged 16-gauge galvanized steel DTF (double turned flange) frame. Available in 5-7/8" and 11-1/2" deep models.

Also available: 99.99% and 99.999% efficiencies, HEPAMAX filters for air velocities up to 500 F.P.M., 3/4" particle board frames, face grills, gaskets, and special sizes. Ships direct from manufacturer. Freight charges will apply.

Size	Wt	Unit	Stock #	PRICE
5-7/8" Deep				
12" x 12"	8	EA	660-2634	$89.75
12" x 24"	12	EA	660-2638	$112.60
24" x 24"	23	EA	660-2639	$158.73
24" x 30"	30	EA	660-2640	$205.28
11-1/2" Deep				
12" x 12"	60	EA	660-2646	$112.23
12" x 24"	25	EA	660-2650	$151.86
24" x 24"	40	EA	660-2651	$186.99
24" x 30"	46	EA	660-2652	$287.28

Prices subject to change.

HVAC, BOILERS, PIPE INSULATION & PLUMBING

Modine Steam and Hot Water Unit Heaters

Easy to install horizontal delivery unit heaters are popular for large, open areas. Skillful engineering allows lower weight with rugged construction to withstand abuse. The totally enclosed motors meet NEMA standards. Units provide maximum heat throw with low operating and maintenance costs. Quiet operation. Failure resistant copper coil has high resistance to thermal shock, even under high steam pressure. Models listed below have low outlet temperature condensers for use on steam systems operating at 30 to 150 psi. Our equipment product specialists can help calculate the number of unit heaters needed for your building.

Model	Throw	BTU/Hr	HP	Size	Wt	Unit	Stock #	PRICE
Steam Performance Data at 2 PSI and 60° Entering Air								
HSB24L-01	21′	19,300	$\frac{1}{25}$	12⅜″ x 13″	20	EA	465-1224	$541.76
HSB33L-01	24′	29,500	$\frac{1}{12}$	16⅜″ x 17½″	34	EA	465-1233	$622.43
HSB86L-01	36′	61,500	⅛	20⁷⁄₁₆″ x 21½″	52	EA	465-1286	$864.43
HBS108L-01	36′	86,500	⅛	27⁷⁄₁₆″ x 25½″	74	EA	465-1208	$1,059.74

Temperature Controller

Designed for a wide variety of jobs, both heating and cooling, using water, oil, steam, or other fluids. These versatile controls are self-contained and completely automatic. The compact design requires minimum installation space with minimum piping requirements. Heavy-duty construction assures long valve life. Available in 2 ranges. Valves are temperature-actuated, self-powered, and fully balanced. Brass body. Stainless steel trim. 0 to 125 psi.

Model	Description	Range	Unit	Stock #	PRICE
151-F	Regulator, ¾" inlet and outlet w/ 6′ capillary	130 to 170°F	EA	641-1501	$679.51
151-F	Valve Temp Regulator, ¾" inlet and outlet w/ 6′ capillary	150 to 190°F	EA	641-1503	$679.52
-	SS Well for 151-F regulator	-	EA	641-1601	$115.03

Apollo® Ball Valves

Straight-through threaded valves. Quarter turn operation. RPTFE seats, seals, and stem bearings which are reinforced for a longer life. Temperature range up to 450°F. Bronze valves rated at 600 psig WOG cold, non-shock; 150 psig saturated steam. Stainless steel valves rated: 1/4″ - 1″ 2000 psig WOG, 1-1/4″ - 2″ 1500 psig WOG and 2-1/2″ - 3″ 1000 psig WOG.

Size	Unit	Stock #	PRICE
Bronze Valve - Chrome Plated Brass Ball			
¼″	EA	138-1200	$17.95
⅜″	EA	138-1202	$17.95
½″	EA	138-1204	$17.95
¾″	EA	138-1206	$31.11
1″	EA	138-1208	$37.30
1¼″	EA	138-1210	$62.58
1½″	EA	138-1212	$79.89
2″	EA	138-1214	$105.11
2½″	EA	138-1216	$472.36
3″	EA	138-1218	$545.02
4″	EA	138-1220	$1,080.14
Stainless Steel Valve			
¼″	EA	138-1100	$58.91
⅜″	EA	138-1102	$58.91
½″	EA	138-1104	$45.95
¾″	EA	138-1107	$58.54
1″	EA	138-1108	$84.59
1¼″	EA	138-1110	$91.76
1½″	EA	138-1112	$137.66
2″	EA	138-1114	$206.00

Call Customer Service at 800-826-8302

TechLite® Pipe & Fitting Insulation

For Sanitation, Energy Savings and Employee Safety

The USDA recommends insulating pipes to improve the food processing environment. When properly installed, TechLite will prevent condensation and subsequent contamination from dripping onto food products and equipment.

TechLite not only improves sanitation, it **saves energy, prevents burns and reduces noise**. Cutting down on noise and heat can reduce worker fatigue, improving both safety and productivity.

Applications include all hot, cold or cryogenic lines. Use TechLite on steam and water pipes running through processing areas. Even process lines, if they don't have to be disassembled for cleaning! CIP solutions will stay hotter in insulated lines. Try it on lines running through truck bays or cool areas of the plant.

Meets USDA Requirements

Hi-Tech, Environmentally Safe Materials

Unlike asbestos and fiberglass, which pose health risks, TechLite foam is safe. It is non-toxic, non-carcinogenic, highly flame-resistant and has excellent thermal and acoustical properties. TechLite is gray, lightweight and has a remarkable service temperature range of -150 to 400°F.

Recommended for Dairy and Food Plants

In dairy and food plants we recommend TechLite SSL879. Each 4' length is pre-formed to fit exactly around the pipe or tubing size you specify. Its glossy, white, rigid PVC jacket extends on one end to overlap butt joints. Easy-to-clean, it resists accumulation of dirt, fungus and bacteria. For indoor use to insulate hot or cold surfaces. Do not use where room temperature will exceed 150°F. Available in 1/4" to 12" OD pipe sizes.

Improves sanitation by preventing condensation

Easy To Install

Your own maintenance staff can install TechLite in less time and at lower overall cost than an insulation contractor. Yet even the novice will have a professional-looking job every time. It fastens quickly with a self-sealing strip. Installation is made permanent by applying Fastener-Weld sealant.

Use our handy how to order chart on the next page to select the TechLite SSL879 pipe insulation and fitting covers you need. Many other types of insulation and jacket materials—including color-coded jackets—are available. Consult our pipe insulation product specialists.

WHY INSULATE?

- Prevent contamination from condensation dripping off pipes.
- Easier to keep pipes clean.
- Save energy.
- Avoid employee burns.
- Better temperature control of process or CIP lines.
- Reduce noise.
- Decrease worker fatigue.
- Improve appearance.

Pre-formed for perfect fit

Self-adhesive flap stays in place until sealed

White glossy exterior promotes sanitation

TechLite foam -150 to 350° F

Low maintenance PVC jacket
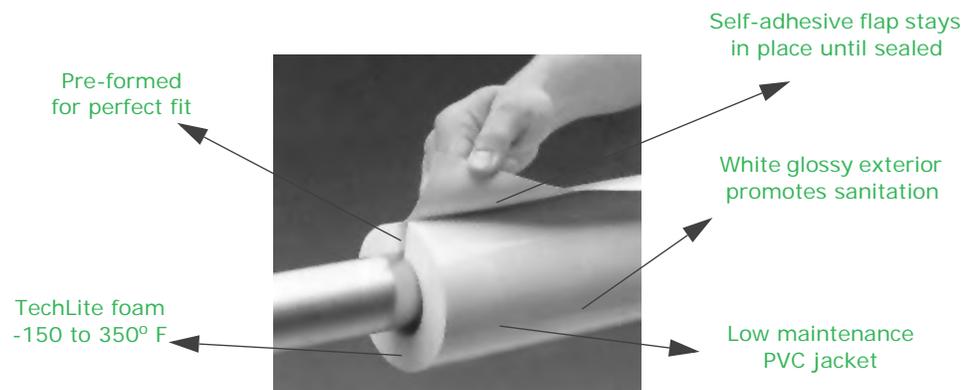
Prices subject to change.

HOW TO ORDER TechLite Pipe & Fitting Insulation

1 Based on your **approximate pipe or tubing size** and its **maximum operating temperature** find the recommended insulation thickness on the chart below.

Approx. Pipe or Tub- ing Size	-150 to -64° F	-65 to 0° F	1 to 34° F	35 to 60° F	61 to 95° F	96 to 120° F	121 to 150° F	151 to 220° F	221 to 250° F	251 to 300° F	301 to 400° F
1/2"	2"	2"	1-1/2"	1"	1"	1"	1"	1-1/2"	1-1/2"	2"	2"
3/4"	2"	2"	1-1/2"	1"	1"	1"	1"	1-1/2"	1-1/2"	2"	2"
1"	2"	2"	1-1/2"	1"	1"	1"	1"	1-1/2"	1-1/2"	2"	2"
1-1/4"	2"	2"	1-1/2"	1"	1"	1"	1"	1-1/2"	1-1/2"	2"	2"
1-1/2"	2"	2"	1-1/2"	1"	1"	1"	1"	1-1/2"	1-1/2"	2"	2"
2"	2-1/2"	2"	2"	1-1/2"	1"	1"	1-1/2"	1-1/2"	2"	2"	2"
2-1/2"	2-1/2"	2-1/2"	2"	1-1/2"	1"	1"	1-1/2"	1-1/2"	2"	2"	2"
3"	2-1/2"	2-1/2"	2"	1-1/2"	1"	1"	1-1/2"	1-1/2"	2"	2"	2"
4"	3"	2-1/2"	2"	1-1/2"	1"	1"	1-1/2"	1-1/2"	2"	2"	2-1/2"

2 **INSULATION FOR PIPE & TUBING:**
Select stock number using recommended thickness and the specific pipe or tubing size which you are insulating.

Pipe Size & Type			Insulation Thickness					
			1"		1-1/2"		2"	
Iron Pipe	Copper Tubing	SS Tubing	IFC No.*	Stock No.	IFC No.*	Stock No.	IFC No.*	Stock No.
1/2"	3/4"	---	#7	535-7002	#10	535-7003	#12	535-1850
3/4"	---	1"	#7	535-1851	#10	535-1852	#12	535-1865
1"	1-1/4"	---	#9	535-1853	#11	535-1854	#13	535-7059
---	---	1-1/2"	#9	535-1855	#11	535-1856	#13	535-1867
1-1/4"	1-1/2"	---	#9	535-1857	#12	535-1858	#13	535-1861
1-1/2"	---	---	#10	535-1859	#12	535-1860	#15	535-1863
---	---	2"	#10	535-1875	#12	535-1862	#14	535-1864
---	2"	---	#10	535-7001	#12	535-7060	#15	535-1869
2"	---	---	#11	535-7010	#13	535-1866	#15	535-1868
---	---	2-1/2"	#11	535-7058	#13	535-1870	#15	535-1872
2-1/2"	---	---	#12	535-7035	#15	535-1883	#17	535-1871
---	---	3"	#12	535-1873	#14	535-1874	#17	535-1876
3"	---	---	#13	535-7038	#15	535-7004	#17	535-7005
3-1/2"	---	4"	#14	535-1877	#17	535-1878	#18	535-1880

* IFC No. refers to the proper size for matching fitting covers. See Step 3.

3 **INSULATED FITTING COVERS (IFC):** Select stock number using the appropriate IFC No. from the previous chart (Step 2). Valve, end cap and flange covers are also available.

IFC No.	90 Elbow	45 Elbow	Tee
#7	535-1100	535-1101	535-1102
#9	535-1120	535-1121	535-1122
#10	535-1130	535-1131	535-1132
#11	535-1140	535-1141	535-1142
#12	535-1150	535-1151	535-1152
#13	535-1160	535-1161	535-1162
#14	535-7107	535-7108	535-7110
#15	535-1170	535-1171	535-1172
#17	535-7006	535-7007	535-7008
#18	535-1190	535-1191	535-1192

4 **Call our customer service department to order!**
Note: Techlite sold in 4 foot lengths. Priced per foot.
Order Fastener-weld (right) as needed. One 8-oz. can will do approx. 80 feet of insulation. All orders are shipped FOB manufacturer. Allow 2 to 3 weeks for delivery. Instructions included. **PLEASE ORDER CAREFULLY, THESE ITEMS ARE NON-RETURNABLE.**

5 **Order accessories as needed.**

Stock No.	Description	Sold By
535-7067	PVC fitting tape, 1" x 36 yd., white	Roll
535-1010	PVC fitting tape, 2" x 36 yd., white	Roll
535-7000	PVC fitting tape, 2" x 36 yd., clear	Roll
535-1000	Fastener-weld adhesive, 8-oz can	Each
535-1002	Fastener-weld adhesive, quart can	Each
535-1003	Fastener-weld adhesive, gallon can	Each
535-1006	Reusable plastic applicator can, 6-oz	Each
535-1008	Reusable metal applicator can, 20-oz	Each

OTHER INSULATION OPTIONS:
Seven different jacket types
Fourteen jacket colors

Jacket only, for covering existing insulation
Polyurethane foam insulation material
Pipe/tubing diameters: 1/4" to 24"

Removable, locking track
Tank & vessel insulation

Call Customer Service at 800-826-8302

PRESSURE GAUGES

Pressure and Vacuum Gauges

Popular for general use these gauges provide accuracy of ±2% span in middle of scale. For continuous-service applications which will not deteriorate brass. Used commonly on compressors, boilers, regulators, storage tanks, and industrial equipment. 2-1/2″ dial. All gauges have steel case material and a plain case pattern. 1/4″ connection size. All gauges have no restrictor and are made of a copper alloy bourdon tubing. Select gauges from chart below.

Description	Connection Location	Unit	Stock #	PRICE
Vacuum				
-30 - 0" Hg	Bottom	EA	423-1105	$11.97
-30 - 0" Hg Stainless Steel	Bottom	EA	423-1205	$23.31
-30 - 0" Hg	Center Back	EA	423-1305	$12.00
Compound				
-30″ Hg - 0 -30 psi	Bottom	EA	423-1112	$11.97
-30″ Hg - 0 -60 psi	Bottom	EA	423-1114	$12.00
-30″ Hg - 0-100 psi	Bottom	EA	423-1116	$12.00
-30″ Hg - 0 -160 psi	Bottom	EA	423-1118	$12.00
-30″ Hg - 0 -30 psi SS	Bottom	EA	423-1212	$23.31
-30″ Hg - 0 -60 psi SS	Bottom	EA	423-1214	$23.31
-30″ Hg - 0 -100 psi SS	Bottom	EA	423-1216	$23.31
-30″ Hg - 0 -160 psi SS	Bottom	EA	423-1218	$23.31
-30″ Hg - 0 -300 psi SS	Bottom	EA	423-1224	$23.31
Pressure				
0-30 psi	Bottom	EA	423-1142	$12.00
0-60 psi	Bottom	EA	423-1146	$10.75
0-100 psi	Bottom	EA	423-1148	$10.75
0-160 psi	Bottom	EA	423-1152	$10.75
0-200 psi	Bottom	EA	423-1154	$10.75
0-300 psi	Bottom	EA	423-1158	$10.75
0-400 psi	Bottom	EA	423-1160	$10.75
0-600 psi	Bottom	EA	423-1164	$10.75
0-15 psi	Bottom	EA	423-1240	$23.31
0-60 psi	Bottom	EA	423-1246	$22.05
0-100 psi	Bottom	EA	423-1248	$22.05
0-160 psi	Bottom	EA	423-1252	$22.05
0-200 psi	Bottom	EA	423-1254	$22.05
0-300 psi	Bottom	EA	423-1258	$22.05
0-400 psi	Bottom	EA	423-1260	$22.05
0-600 psi	Bottom	EA	423-1264	$22.05
0-30 psi	Center Back	EA	423-1342	$12.00
0-60 psi	Center Back	EA	423-1346	$10.75
0-100 psi	Center Back	EA	423-1348	$10.75
0-160 psi	Center Back	EA	423-1352	$10.75
0-200 psi	Center Back	EA	423-1354	$10.75
0-300 psi	Center Back	EA	423-1358	$10.75
0-400 psi	Center Back	EA	423-1360	$10.75

Looking for sanitary pressure gauges for your production lines?

We have those too! See page 529 or call our Process Instrumentation Specialists!

Prices subject to change.

HOW TO ORDER Pressure and Vacuum Gauges

1 **What PRESSURE or VACUUM is being used?**

2 **What type of EQUIPMENT is the gauge used on?**

3 **Are ACIDS or other CHEMICALS present?**

4 **How large of a DIAL SIZE is required?**

5 **Is BOTTOM or BACK connection preferred?**

6 **What is the SIZE of connection?**

Airmaster® Stainless Steel Washdown Air Circulators

Full stainless air circulators designed to withstand moist/wet environments, and high pressure cleaning with concentrated caustic solutions without affecting performance or function. Not recommended for use with the hydrochloric or sulfuric acid. Must be hardwired as cord and plug are not included. Direct ships from manufacturer, freight charges will apply.

- Constructed with electro-polished 304 stainless steel.
- Meets USDA and NSF requirements.
- All stainless steel motor, single phase.
- Non-oscillating.
- Available in non-adjustable pedestal or wall mount.
- 10-year manufacturer warranty.

Mfg Part #	Prop Dia	Fan Style	Motor	RPM	CFM	Unit	Stock #	PRICE
70834	20″	Pedestal	115V	1600	2670	EA	231-2000	$1,580.25
70833	20″	Wall Mount	115V	1600	2670	EA	231-2001	$1,393.21
70836	24″	Pedestal	115/230V	1075	5220	EA	231-2002	$1,859.81
70835	24″	Wall Mount	115/230V	1075	5220	EA	231-2003	$1,639.31
70764	30″	Pedestal	115/230V	1075	8800	EA	231-2004	$2,090.81
70767	30″	Wall Mount	115/230V	1075	8800	EA	231-2005	$1,842.75

Airmaster® Epoxy-Coated Washdown Air Circulators

Economical, painted washdown air circulator. White epoxy coated in accordance with FDA and will withstand moist/wet environments without affecting performance or function. Stainless steel motor. Must be hardwired as cord and plug are not included. Direct ships from manufacturer, freight charges will apply.

- Stainless steel motor, single phase.
- Non-oscillating.
- Available in non-adjustable pedestal or wall mount.
- 2-year manufacturer warranty.

Mfg Part #	Prop Dia	Fan Style	Motor	RPM	CFM	Unit	Stock #	PRICE
70771K	30″	Pedestal	115/230V	1075	8800	EA	231-2008	$1,176.65
70773K	30″	Wall Mount	115/230V	1075	8800	EA	231-2009	$1,055.90

Call Customer Service at 800-826-8302

AIR CIRCULATORS

White Disposable Fan Cover Filters

Keep dust out of fans - even in use - without restricting air flow. Our polypropylene disposable fan covers are made with easy hook and loop closures to fit all sizes of fans. 100/case.
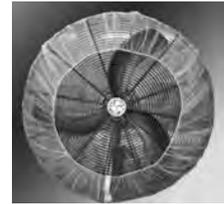
Size	Unit	Stock #	PRICE
21″	CA	652-0521	$160.68
24″	CA	652-0524	$166.04
34″	CA	652-0534	$195.49
36″	CA	652-0536	$210.22
38″	CA	652-0538	$222.27
40″	CA	652-0540	$226.29

Airmaster® Epoxy-Coated Washdown Barrel Fans

Epoxy-coated barrel fan designed to withstand moist/wet environments without affecting performance or function. Tiltable. 10 foot cord and plug included. Toggle switch on 36″ model, push button switch on 20″, 24″ and 30″ model. Direct ships from manufacturer, freight charges will apply. 2-year manufacturer warranty.

Mfg Part #	Prop Dia	Motor	RPM	CFM	Wt	Unit	Stock #	PRICE
20WDDF	20″	115V	1140	3225	75	EA	231-2010	$1,093.96
24WDDF	24″	115V	1140	3990	80	EA	231-2011	$1,273.12
30WDDF	30″	115V	1140	4875	103	EA	231-2012	$1,415.53
36WDDF	36″	115V	850	9800	130	EA	231-2013	$1,542.18

LADDERS

FS Series Fiberglass Stepladder

Nonconductive, fiberglass stepladder supports up to 300 lbs. Features slip resistant footing, nonconductive molded top with hardware tray, paint can holder, and tool slots. Curved front of top provides leg comfort and convenient magnet to secure small steel parts.

Model	Size	Capacity	Wt	Unit	Stock #	PRICE
FS1506	6 ft	300-lbs	20	EA	136-7003	$128.09
FS1508	8 ft	300-lbs	26	EA	136-7004	$163.36
FS1510	10 ft	300-lbs	34	EA	136-7055	$253.77
FS1512	12 ft	300-lbs	47	EA	136-7006	$349.46

FM Series Heavy-Duty Fiberglass Twin Front Ladder

Nonconductive, fiberglass ladder constructed for extra heavy-duty support capabilities. Equipped with slip resistant footing and heavy steel hinges.

Model	Size	Capacity	Wt	Unit	Stock #	PRICE
FM1406HD	6 ft	375-lbs	27	EA	136-7000	$271.84
FM1408HD	8 ft	375-lbs	36	EA	136-7001	$356.93
FM1410HD	10 ft	375-lbs	55	EA	136-7002	$447.19

GSW Series Rolling Ladders

Rugged, all steel rolling warehouse ladders are considered to be one of the best on the market. Equipped with ball bearing casters, allowing for easy movement to any area. Easy 56° climbing angle and grip tread make these top platform ladders perfect for the everyday user. Five step model comes standard with sturdy handrails for added safety. Ships knocked-down.

Model	Size	Steps	Step Width	Capacity	Wt	Unit	Stock #	PRICE
GSW2403	27″ x 28″ x 30″H	3	24″	450-lbs	36	EA	136-7007	$353.96
GSW2404	35″ x 31″ x 40″H	4	24″	450-lbs	55	EA	136-7008	$493.50
GSW2405	42″ x 31″ x 86″H	5	24″	450-lbs	79	EA	136-7009	$610.66

Prices subject to change.

Measuring & Layout Tools

STANLEY®

Prying Tools

Size	Unit	Stock #	PRICE
Fubar® Demolition Pry Bar			
14.25" length	EA	136-2029	$29.85
Wonder Bar Pry Bar			
7.5" length	EA	136-2030	$4.66
12.5" length	EA	136-2031	$10.32

Size	Blade Width	Unit	Stock #	PRICE
Fatmax® Tape Measures				
16'	1-1/4"	EA	136-2003	$29.51
25'	1-1/4"	EA	136-2000	$37.53
Value Yellow Tape Measures				
12'	3/4"	EA	136-2008	$6.49
16'	3/4"	EA	136-2009	$8.62
25'	1"	EA	136-2011	$11.83
Fatmax Extruder Torpedo Level				
9" length	-	EA	136-2012	$16.60
Fatmax Magnetic Torpedo Level				
9" length	-	EA	136-2013	$23.12

Files

Size	Unit	Stock #	PRICE
Single Cut File w/ Handle			
8" length	EA	136-2041	$5.75
5-Piece File Set			
8" mill bastard file; 6" round file; 6" slim taper file; and 8" 4-in-1 file.	ST	136-2045	$20.34

Safety & Utility Knives

Pkg	Unit	Stock #	PRICE
Fatmax® Retractable Utility Knife			
-	EA	136-2014	$12.77
Fatmax® Standard Utility Blades			
5/pk	PK	136-2019	$1.81
50/pk	PK	136-2021	$16.07
100/pk	PK	136-2022	$20.55
Quick-Point Snap-Off Knife			
-	EA	136-2018	$1.63
Snap-Off 18mm Blades			
50/pk	PK	136-2127	$13.84
Blade Disposable Container w/ Metal Wire Rack			
-	EA	136-2128	$29.01

Hammers & Striking Tools

Weight	Size	Unit	Stock #	PRICE
Fatmax® Anti-Vide Hammer				
20-oz	13-1/2" length	EA	136-2028	$29.72
Dead Blow Compo-Cast Orange Hammer				
15-oz	10-1/8" length	EA	136-2020	$26.45
21-oz	11-1/4" length	EA	136-2005	$30.72
28-oz	12-7/8" length	EA	136-2010	$35.85
56-oz	15-1/4" length	EA	136-2015	$69.78
Sanitary Polypropylene Mallet				
16-oz	14" length	EA	618-6622	$21.83

Hacksaws & Sawhorses

Size	Pkg	Unit	Stock #	PRICE
High-Tension Hacksaw				
12" length		EA	136-2023	$30.39
Bi-Metal Hacksaw Blade				
12" length	10/pk	PK	136-2026	$17.41
Single Fold-Up Sawhorse				
40"L x 4"W x 5"H	Single Sawhorse	EA	136-2080	$42.22

Call Customer Service at 800-826-8302

HAND TOOLS

STANLEY

Pliers

Size	Unit	Stock #	PRICE
Fatmax ® Slip-Joint Pliers			
8" length	EA	136-2054	$9.32
Fatmax ® Tongue & Groove Pliers			
6" length	EA	136-2047	$9.32
9" length	EA	136-2048	$26.15
Straight Jaw Locking Pliers			
9" length	EA	136-2056	$16.53
C-Clamp Locking Pliers			
7" length	EA	136-2058	$26.18

Cutting Tools

Size	Cut	Unit	Stock #	PRICE
Basic Diagonal Cutting Pliers				
6" length	-	EA	136-2081	$7.01
Fatmax Diagonal Cutting Pliers				
8" length	-	EA	136-2049	$14.88
10" length	-	EA	136-2050	$16.82
Wire Stripper/Cutter/Crimper				
8-7/16" length	-	EA	136-2099	$15.95
Electrician's SS Scissors				
6-7/64"	-	EA	136-2025	$60.44
Fatmax Compound Action Aviation Snips				
9-3/4"	Left	EA	136-2059	$12.61
9-7/8"	Straight	EA	136-2060	$12.61
9-9/16"	Right	EA	136-2061	$12.61
Forged Handle Bolt Cutter				
18" length	-	EA	136-2063	$25.96

Wrenches

Size	Finish	Unit	Stock #	PRICE
Fatmax ® Adjustable Wrench				
6" length	Polished Chrome	EA	136-2091	$6.90
8" length	Polished Chrome	EA	136-2064	$12.14
10" length	Polished Chrome	EA	136-2065	$17.36
12" length	Polished Chrome	EA	136-2066	$20.54
7-Piece Standard Ratcheting Wrench Set				
3/8" - 3/4" x 12 pt.	Chrome-Vanadium	ST	136-2067	$52.27
7-Piece Metric Ratcheting Wrench Set				
9mm - 15mm x 12 pt.	Chrome-Vanadium	ST	136-2068	$52.38
Pipe Wrench				
9-3/4" length	Red cast iron	EA	136-2069	$10.46
Adjustable Pin Spinner Wrench				
8" length	Black Oxide	EA	136-2086	$45.51
11" length	Black Oxide	EA	136-2126	$62.47

Sockets & Bits

Size	Finish	Set Includes	Stock #	PRICE
9-Piece Socket Set - 3/8" Standard				
3/8" - 13/16" x 12 pt.	Chrome Plated	12 point standard sockets: standard 3/8"-13/16", ratchet.	136-2077	$38.28
34-Piece Socket Set - 3/8" Drive				
5/16" - 7/8" x 12 pt.; 8mm - 19mm x 12 pt.; deep 3/8" - 7/8" 12 pt.	Chrome Plated	(2) 3, 6" Extension Bars, (1) Pear Head Ratchet, (1) Universal Joint Socket, Blow-Molded Case	136-2075	$66.07

Prices subject to change.

Fatmax® 179-Piece Tool Set

STANLEY

All the tools you will need in one convenient case. This set includes:

95 Piece Max-Drive™ Socket Set:
- 1/4" Drive 6 Point Standard Sockets: (10) Standard 5/32" - 1/2". (12) Metric 4mm - 13mm
- 1/4" Drive 6 Point Deep Sockets: (5) Standard 5/16 - 1/2". (5) Metric 9mm - 13mm
- 3/8" Drive 6 Point Standard Sockets: (10) Standard 5/16" - 7/8". (10) Metric 10mm - 19mm
- 3/8" Drive 6 Point Deep Sockets: (5) Standard 5/8" - 7/8". (5) Metric 15mm - 19mm
- 1/2" Drive 12 Point Standard Sockets: (8) Standard 1/2" - 15/16". (8) Metric 12mm - 21mm

Accessories (Included):
- (2) 3/8" Drive 6 Point 5/8" & 13/16" Spark Plug Sockets
- (5) 3/8" Drive Star Bit Sockets: T10, T15, T20, T27, T30
- (1) 1/4" Drive Universal Joint Socket
- (1) 3/8" Drive Universal Joint Socket
- (1) 3/8" Drive Female to 1/4" Drive Male Adapter
- (1) 1/2" Drive Female to 3/8" Drive Male Adapter
- (1) 1/4" Drive Pear Head Ratchet
- (1) 1/4" Drive 6" Extension Bar
- (1) 3/8" Drive Pear Head Ratchet
- (1) 3/8" Drive 6" Extension Bar
- (1) 1/2" Drive Pear Head Ratchet
- (1) 1/2" Drive 5" Extension Bar
- (1) 1/4" Drive Multi-Bit Ratcheting Screwdriver
- (40) 1/4" Drive Specialty Drill Bits
- 1/4" Drive Nut Drill Bits: (10) Standard 5/32" - 1/2". (5) Metric 4mm - 8mm

28 Piece Hex Key Set:
- Short Hex Keys: (6) Standard 3/64" - 9/64". (6) Metric 1.5mm - 4.5mm
- Long Hex Keys: (8) Standard 7/64" - 5/16". (8) Metric 1.5mm - 7mm

Size	Finish	Unit	Stock #	PRICE
1/4"x 3/8", and 1/2" Drive	Matte Black Chrome	ST	136-2070	$197.64

Fatmax® 141-Piece Tool Set

All the tools you will need in one convenient case. This set includes:

67 Piece Max-Drive™ Socket Set:
- 1/4" Drive 6 Point Standard: (9) Standard 3/16" - 1/2". (9) Metric 5mm - 13mm
- 1/4" Drive 6 Point Deep: (5) Standard 5/16" - 1/2". (5) Metric 9mm - 13mm
- 3/8" Drive 6 Point Standard: (10) Standard 5/16" - 7/8". (10) Metric 10mm - 19mm
- 3/8" Drive 6 Point Deep: (5) Standard 5/8" - 7/8". (5) Metric 15mm - 19mm

Accessories (Included):
- (2) 3/8" Drive 6 Point 5/8" & 13/16" Spark Plug Sockets
- (1) 1/4" Drive Universal Joint
- (1) 3/8" Drive Universal Joint
- (1) 3/8" Drive Female to 1/4" Drive Male Adapter
- (1) 1/4" Drive Pear Head Ratchet
- (1) 1/4" Drive 6" Extension Bar
- (1) 3/8" Drive Pear Head Ratchet
- (1) 3/8" Drive 6" Extension Bar
- (1) 1/4" Drive Multi-Bit Ratcheting Screwdriver
- (30) 1/4" Drive Specialty Bits

1/4" Drive Nut Bits:
- (10) 1/4" Drive Nut Drill Bits Standard 5/32" - 1/2"
- (5) 1/4" Drive Nut Drill Bits Metric 4mm - 8mm

28 Piece Hex Key Set:
- Short Hex Keys: (6) Standard 3/64" - 9/64". (6) Metric 1.5mm - 4.5mm
- Long Hex Keys: (8) Standard 7/64" - 5/16". (8) Metric 1.5mm - 7mm

Size	Finish	Unit	Stock #	PRICE
1/4" and 3/8" Drive	Matte Black Chrome	ST	136-2071	$134.75

Don't see the tools you need?

Call our Tool Specialists today!

Call Customer Service at 800-826-8302

MULTI TOOLS

Leatherman Wave® Multi-Tool

Perfect for any job, or task with its outside accessible blades you can deploy with just one hand. Additional features include; all locking blades, and 420 high carbon stainless steel. Tools included are; needle-nose pliers, standard pliers, hard-wire cutter, wire cutter, wire stripper, 420 HC knife, 420 HC serrated knife, saw, spring-action scissors, 8" ruler, can opener, bottle opener, wood/metal file, diamond-coated file, large bit driver, small bit driver, and medium screwdriver. 25-year warranty.

Mfg Part #	Tool Amount	Color	Sheath	Weight	Closed Length	Unit	Stock #	PRICE
830040	17	Stainless Steel	Standard Nylon	7-oz	4"	EA	660-6002	$89.85

Leatherman Crunch® Multi-Tool

Locking pliers that fold away make the Leatherman Crunch unlike any multi-tool available today. It clamps up to a 1-inch diameter pipe, and if you remove the adjusting screw, you'll find a hex-bit adapter built right in. A locking blade and lanyard ring are its 2 main features. Tools included are; standard pliers, locking pliers, hard-wire cutter, wire cutter, wire stripper, 420 HC serrated knife, ruler, pin vice, bottle opener, wood/metal file, 1/4" hex bit driver, Phillips screwdriver, large screwdriver, medium screwdriver, and small screwdriver. 25-year warranty.

Mfg Part #	Tool Amount	Color	Sheath	Weight	Closed Length	Unit	Stock #	PRICE
69010203K	15	Stainless Steel	Standard Nylon	6.9-oz	4"	EA	660-6009	$109.85

Leatherman Rev® Multi-Tool

A multi-tool that allows you to grab a toolbox full of functionality and keep it at your fingertips. The Rev features: A locking blade, replaceable pocket clip, and an outside accessible blade. Tools included are; needle-nose pliers, standard pliers, hard-wire cutter, wire cutter, 420 HC knife, package opener, 1.5" ruler, can opener, bottle opener, wood/metal file, Phillips screwdriver, medium screwdriver, small screwdriver, and wire stripper. 25-year warranty.

Mfg Part #	Tool Amount	Color	Sheath	Weight	Closed Length	Unit	Stock #	PRICE
832132	13	Stainless Steel	Standard Nylon	5.9-oz	3.8"	EA	660-6008	$34.93

Leatherman Surge® Multi-Tool

Built for tough jobs with the largest pliers, longest blades, and easy-to-use locks. The Surge features: An all locking blade, lanyard ring, and an outside accessible blade with one-handed operation. Tools included are; needle-nose pliers, standard pliers, 154CM replaceable wire cutter, 154CM replaceable hard-wire cutter, stranded wire cutter, electrical crimper, wire stripper, 420 HC knife, 420 HC serrated knife, saw, spring-action scissors, awl with threaded loop, 8" ruler, can opener, bottle opener, wood/metal file, diamond-coated file, blade exchanger, large bit driver, large screwdriver, and small screwdriver. 25-year warranty.

Mfg Part #	Tool Amount	Color	Sheath	Weight	Closed Length	Unit	Stock #	PRICE
830161	21	Stainless Steel	Standard Nylon	12.5-oz	4.5"	EA	660-6006	$99.85

Prices subject to change.

MULTI TOOLS

Leatherman Sidekick® Multi-Tool

Handy pocket-sized tool has all the features you need to get your project done, at a fraction of the cost. The Sidekick features: A carabiner accessory clip with a hex bit drive and bottle opener, locking blade, outside blade access with a one-handed operation, lanyard ring and replaceable pocket clip. Tools included are; spring-action needle-nose pliers, spring-action standard pliers, spring-action wire cutter, wire stripper, 420 HC knife, 420 HC serrated knife, saw, 1.5" ruler, can opener, bottle opener, wood/metal file, Phillips screwdriver, small screwdriver, and medium screwdriver. 25-year warranty.

Mfg Part #	Tool Amount	Color	Sheath	Weight	Closed Length	Unit	Stock #	PRICE
831428	14	Stainless Steel	Standard Nylon	7-oz	3.8″	EA	660-6004	$50.38

Leatherman Wingman® Multi-Tool

A great, lightweight, pocket-sized, stainless steel tool; the Wingman features an outside-accessible one-handed opening blade, and newly-designed spring-action jaws. Tools included are; spring-action needle-nose pliers, spring-action standard pliers, spring-action wire cutter, wire stripper, 420 HC combo knife, spring-action scissors, 1.5" ruler, package opener, can opener, bottle opener, wood/metal file, Phillips screwdriver, small screwdriver, and medium screwdriver. 25-year warranty.
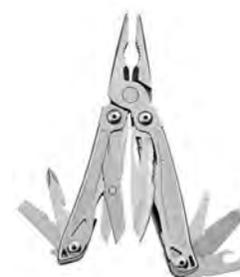
Mfg Part #	Tool Amount	Color	Sheath	Weight	Closed Length	Unit	Stock #	PRICE
831425	14	Stainless Steel	Standard Nylon	7-oz	3.8″	EA	660-6003	$40.31

LUBRICANTS

Lubriplate® FGL-2 White Aluminum Complex Grease

Provides superior film strength for slower moving applications under severe operating conditions such as water, steam, high-temperature, and load. The excellent shear stability of this grease in combination with a unique tackiness agent provides a long-lasting durable film of lubricant for large bearings, open gears, chains, and other exposed surfaces. Includes anti-wear, anti-rust, and anti-corrosive additives. Water resistant. Temperature rating 10-515°F. NSF H-1 rated for incidental food contact. White. Kosher certified. Drums also available.

Pkg	Unit	Stock #	PRICE
14.5-oz cartridge, 10 cartridges/pk, 4 pk/ca	PK	428-2120	$94.05
6-lb can	CN	428-2106	$66.23
35-lb pail	PA	428-2104	$291.12

Lubriplate® Clearplex-2 Clear Aluminum Complex Grease

This aluminum complex thickened H-1 grease is engineered for use in plain and anti-friction bearings in the food industry. Contains non Zinc-Oxide anti-wear additives. Includes anti-rust and anti-corrosive additives. Water resistant. Temperature rating 10° to 450°F. H-1 rated for incidental food contact. Clear. Kosher certified. Cans, pails, and drums also available.

Pkg	Unit	Stock #	PRICE
14.5-oz cartridges, 40/ca	CA	428-2110	$376.26

PETROL-GEL

USDA H-1 rated Petro-Gel lubricant. Authorized for incidental food contact, and is a tasteless, odorless white USP mineral oil. FDA accepted, and impervious to water. Lubricant has a high melting point.

Size	Pkg	Unit	Stock #	PRICE
4-oz tube	12 tubes/bx; 12 bx/ca	BX	435-2010	$40.12
14-oz cartridge	10 cartridge/ca	CA	435-2011	$112.02

Call Customer Service at 800-826-8302

LUBRICANTS

Haynes® Lubri-Film

Designed especially for daily application, Lubri-Film's sanitary, thin film coats metal slides, bearings, and other lubricated surfaces despite constant moisture. Reduces metal corrosion by staying on the work area. Temperature tolerance ranges from -15° to 210°F. Designed for wet or dry conditions, is highly resistant to separation or bleed and will not dry or gum. High load-bearing, low-friction properties. Meets USDA/NSF H-1 requirements for incidental food contact. Also available in 25-lb pail, 100-lb and 400-lb drums.

Size	Pkg	Unit	Stock #	PRICE
4-oz tube	12 tubes/bx	BX	312-2012	$32.47
12-oz cartridge	12 ea/carton	CT	312-2014	$76.88

Proto® Pistol Grip Grease Gun

No job is too tough for this tether-ready heavy duty grease gun. 3-way filling; 16-oz bulk, 14-oz cartridge, or filler pump. Aluminum head reduces weight and 1.7mm thick heavy-duty seamless barrel helps to avoid dents. Heavy-duty flexible 18″ nylon hose and 6″ metal spout for easy use. 3,600 psi output pressure.

Size	Unit	Stock #	PRICE
16″ Length	EA	136-2002	$67.92

Haynes® Lubri-Film Plus

All the benefits of Lubri-Film but designed with an additional "wear" additive for longer lubrication intervals, eliminating downtime to relubricate the equipment. This lubricant wears evenly on all moving parts, preventing metal to metal contact and equipment damage. Will not dry or gum on the equipment and is highly resistant to separation or bleed. It is a time saver because it cleans off of the equipment easily. Meets USDA/NSF H-1 regulation for food contact. Temperature rating -15° to 210° F.

Description	Unit	Stock #	PRICE
.25-oz Single use packets	EA	312-2021	$0.90
4-oz Tubes, 12 tubes/bx	BX	312-2011	$33.31

Haynes® Silicone Grease

Specially formulated with the highest quality silicone fluid and additives to meet the unique demands placed on all types of food processing equipment. This grease will prevent valves and o-rings from sticking in both high temperature and low temperature (freezing) conditions. Silicone grease can be used in high vacuum or pressure systems to seal synthetic rubber and plastic parts that come in contact with metal. The grease is inert and will resist many chemicals. It can be effectively used on EPDM seals where grease compatibility is a concern. Meets USDA/NSF H-1 requirements for incidental food contact. Also available in pails and drums. Temperature rating -40° to 400°F. Flash point 460° to 505°F as determined by ASTM D93 method.

Description	Unit	Stock #	PRICE
6 gram Packets	EA	312-2039	$0.80
4-oz Tubes, 12 tubes/ca	CA	312-2040	$104.08

Haynes® CIP Film

Specially formulated for CIP systems. Meets USDA/NSF H-1 requirements for incidental food contact. Suited for all CIP system parts requiring daily lubrication. Use on fittings, positive pumps, valves, O-rings, or threads on stainless steel. Melting point: 49°C/120°F. 4-oz/tube. 12 tubes/box; 12 boxes/case.

Unit	Stock #	PRICE
BX	312-2020	$35.92

CIP Lube

This USP lubricant was developed to wash off easier than Petrol-Gel so that equipment could be cleaned in place without dismantling. Odorless. Tasteless. Melts at 120°F. Do not use below 32°F. H-1 rated for incidental food contact. 4-oz/tube. 12 tubes/box; 12 boxes/case.

Unit	Stock #	PRICE
BX	435-2005	$40.12

Prices subject to change.

USP Mineral Oil-Based Products

Lubriplate® FMO-AW Mineral Oil

Formulated with non-toxic, USP white mineral oils and is fortified with anti-oxidants, corrosion inhibitors, anti-wear agents, and foam suppressants. Ideal for hydraulics, chains, gearboxes, airline lubricants, and general oiling. NSF H-1 rated for incidental food contact. Kosher certified. 5-gallon pail.

Mfg Part #	SAE Gear Oil #	Flash Point	VIS.cSt@40°c/100°C	Application	Unit	Stock #	PRICE
FMO-200-AW	75	375°F	41/6	Hydraulics	PA	428-2005	$178.74
FMO-350-AW	80	435°F	68/8	Hydraulics & Roller Chain	PA	428-2010	$178.74
FMO-1100-AW	90	440°F	210/19	Gear Oil or ISO 220-Gear Oil	PA	428-2000	$195.07

Lubriplate® ZF-68 Hydraulic Oil

A premium anti-wear fluid designed to perform in the most demanding hydraulic applications. This heavy-duty, high-performance oil can withstand elevated temperatures and high pressures resulting in lower maintenance costs as well as extended oil life. Ideal for vacuum pumps. Does not contain any zinc or silicone compounds. Temperature rating -20° to 510°F. SAE #20. ISO #68.

Description	Unit	Stock #	PRICE
5-gallon pail	PA	428-2025	$84.34

#50 Homogenizer Oil

Recommended for use in homogenizers with shaft speeds 150 rpm or less. 5-gallon pail.

Unit	Stock #	PRICE
PA	204-2035	$145.52

Haynes® Spray

USP liquid petrolatum in an aerosol can. Provides a thin lubrication film on valves, pistons, sanitary seals, slides, pump parts, etc. which are cleaned daily. Odorless, tasteless, non-toxic. Red can. Authorized by NSF (rated H-1) for use in food processing plants for incidental food contact. All ingredients FDA approved. 9-oz aerosol can. 6 cans/box; 8 boxes/case.

Unit	Stock #	PRICE
BX	312-2015	$42.35

Call Customer Service at 800-826-8302

LUBRICANTS

Lubri-Film Spray

USDA/NSF certified, heavy-duty aerosol lubricant especially developed for food processing and packaging equipment. Odorless, tasteless, non-toxic. Formulated from USP liquid petrolatum and other approved ingredients. Working temperature range: -15° to 210°F. Wet or dry. Good for homogenizer pistons, plug valves, SS threads, slides, etc. Blue can. Meets USDA/NSF H-1 requirements for incidental food contact. 11.25-oz aerosol can. 6 cans/box; 6 boxes/case.

Unit	Stock #	PRICE
BX	312-2010	$41.09

Sprayway® H-1 Rated Silicone Spray

Use as a lubricant, release agent, water repellent, protective coating, and polish. Minimizes clean-up time on food packaging and food processing equipment. Complies with FDA regulations. USDA H-1 rated for incidental food contact. Heat resistant. Temperature range -40° to 400°F. Non-toxic, non-staining, colorless, and odorless. 11-oz aerosol can. 12 cans/case.

Unit	Stock #	PRICE
CA	627-2946	$69.12

Sprayway® Industrial Silicone Spray

Industrial use silicone spray with a heat-stable silicone release agent. It acts in 2 ways: it keeps things from sticking together, such as plastics sticking to metals, glue to work surfaces, etc.; and it lubricates moving or sliding equipment to prevent sticking and squealing. Use on any surface. Dries quickly and leaves no greasy or oily film. Stable from -40° to 400°F. Non-food grade. USDA H-2 rated for no food contact. 11-oz aerosol can. 12 cans/case.

Wt	Unit	Stock #	PRICE
2.18	CA	627-2945	$77.80

Sprayway® RD-90 Penetrating Lubricant

It penetrates, lubricates, and displaces moisture to keep moving parts running smoothly. Prevents expensive rust, and provides lasting protection for metals in the humid food processing plant. 11-oz aerosol can. 12 cans/case.

Wt	Unit	Stock #	PRICE
11.05	CA	627-2090	$66.46

Prices subject to change.

NOTES:

Call Customer Service at 800-826-8302

DISINFECTANT MATS/SANITIZING FOOTBATHS

DISINFECTANT MAT™ Sanitizing Footbath

Stop Contamination at the Door…with the Disinfectant Mat

One step beyond the ordinary sanitizing footbath, it both cleans and sanitizes. Rubber fingers clean shoe soles while solution sanitizes them. This unique double-action helps keep contamination from reaching food processing areas.

Here's how it works. As the user wipes his feet on the Disinfectant Mat, hundreds of flexible rubber fingers clean dirt particles from the shoe. Simultaneously, the sole of the shoe is lowered into the sanitizing solution. The finger design lets contaminants settle undisturbed, while the shoe contacts clean solution only. Step off the mat clean and sanitary.

Ordinary footbaths don't provide any scrubbing action. They do not keep users from tracking sediment back into a clean processing environment. And, because many footbaths are nothing more than a large pan, they present a real slip and trip hazard.

Footbaths are recommended by sanitarians and quality assurance departments. And, often demanded by inspectors. Over 90% of the food plant professionals we surveyed said footbaths are Very Important or Somewhat Important. They are recommended at entrances to all food processing areas. Other important locations include doorways to starter rooms, packaging areas, laboratories, employee locker rooms, breakrooms, refuse areas and receiving rooms…anywhere you want to limit the spread of contamination.

Staying put isn't a problem. Heavy rubber mat with corrugated back won't slide out of place or blow away. Easily serviced by just turning over. Flexing action of rubber removes dirt and matter, even if caked. Empty, shake, rinse and refill. Always use test strips to measure sanitizer concentration.

Heavy-duty black rubber is used throughout to stand up to traffic. Solid walls won't sag or allow solution to run out. Available in choice of two specially compounded rubbers. Use the Standard Mat for quaternary ammonium, iodine and most other sanitizers. Use the Chlorine Resistant Mat for chlorine sanitizers. The Disinfectant Mat fits most doorways. For larger doorways, place two or more mats together. Each mat holds up to 5 quarts of sanitizer.

Description	Color	Dimensions	Pkg	Wt	Unit	Stock #	PRICE
Standard	Black	24″ x 32″ x⅞″D	4/cs	15.1	EA	430-2005	$51.44
Chlorine Resistant	Black	24″ x 32″ x⅞″D	4/cs	15.4	EA	430-2000	$80.08

ANTIMICROBIAL HIGH-WALL™ DISINFECTANT MAT™

This is the footbath you've been looking for. You can effectively clean and sanitize footwear before entering or when passing from one area to another within your plant by placing an Antimicrobial Disinfectant Mat in every entryway.

The antimicrobial agent manufactured into the mat will not support the growth of unwanted microorganisms such as Listeria monocytogenes, Salmonella enteritidis and E.coli O157:H7. You now have peace of mind knowing the bacteria is checked at the door. Because the antimicrobial agent is difused within the rubber, the entire mat inhibits the growth of microorganisms with which it comes in contact, resulting in a greatly reduced chance of bacteria hiding on the underside of the mat.
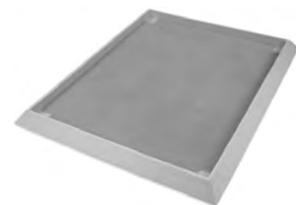
Yellow Antimicrobial

The highly visible yellow color makes it difficult to avoid, assuring more consistant use. The large 32" x 39" x 2" deep size holds enough sanitizer to cover the soles, sides and welt areas of the boots. This mat works just like our other Disinfectant Mats. As the user wipes their feet, hundreds of flexible rubber fingers clean dirt particles from the boot while simultaneously lowering the boot into the sanitizing solution. The finger design lets contaminants settle undisturbed, while the boot contacts clean solution only.

Bright yellow color also aids in visual inspection for quality control purposes - know at a glance when the mat needs to be cleaned and solution recharged. 32" x 39" size covers most doorways and guarantees personnel will not bypass the footbath. Holds up to 20 quarts of solution.

Description	Color	Wt	Unit	Stock #	PRICE
Chlorine Resistant Antimicrobial	Yellow	27.55	EA	430-2051	$188.70

Prices subject to change.

DISINFECTANT MATS/SANITIZING FOOTBATHS

HIGH-WALL™ DISINFECTANT FOOT MAT™

For applications requiring deeper foot immersion, try our High-Wall mat. You can be sure that footwear is sanitized and the soles are scrubbed off. Full 2″ height guarantees that sanitizing solution contacts sole, sides and welt area of boots, penetrating even into deep treads. Depth of sanitizing solution is three times that of our standard Disinfectant Mat. Footwear gets a thorough bath to eliminate both bacteria and soil.

The High-Wall Disinfectant Mat features the same double-action that made our standard Disinfectant Mat famous. Rubber fingers scrub soles of shoes clean, holding them out of accumulated sediment, while sanitizing solution disinfects them. Step off clean and sanitary.

Larger size assures compliance. 32″ x 39″ size is 60% larger to cover most doorways and guarantees that personnel will not bypass the footbath. It is long enough for workers to step in it with both feet without breaking their stride. For safety and compliance, the standard rubber mat has a 2″ ramp edge which features a yellow stripe all around with message FOOTBATH USE REQUIRED. Interior corners allow use of simple hand pump to empty spent sanitizing solution without spilling on the floor. Holds up to 20 quarts of solution.

Color	Dimensions	Pkg	Wt	Unit	Stock #	PRICE
Standard Rubber						
Black w/Yellow Stripe	32″ x 39″ x 2″D	1/cs	28.95	EA	430-2006	$142.80
Chlorine Resistant						
Red	32″ x 39″ x 2″D	1/cs	25.5	EA	430-2078	$180.54
Blue	32″ x 39″ x 2″D	1/cs	25.5	EA	430-2076	$180.54
Black w/Yellow Stripe	32″ x 39″ x 2″D	1/cs	26.6	EA	430-2007	$180.54
Orange	32″ x 39″ x 2″D	1/cs	32	EA	430-2072	$180.54

Let's Speak Frankly About Footbaths...

Some plant managers complain that employees don't use them. Others say that they don't get cleaned out often enough. Or, the sanitizing solution loses effectiveness, creating a source of contamination. Yes; these things can happen...but they don't have to. Each of these problems has a simple answer. Quality assurance techniques require monitoring. Disinfectant Mats, by themselves, don't create a sanitation program.

We can help you make it work.
Nelson-Jameson has vast experience in food plant sanitation, and has these suggestions:

- Have enough Disinfectant Mats so that employees don't need to go out of their way to use one. Locate them at every entrance to processing areas.
- If employees bypass footbaths, put several together to cover the whole entrance...so they can't avoid them.
- Limit access to processing areas, keeping drivers, warehouse workers and office personnel out, if possible.
- Initiate a footwear and clothing program - work clothes and boots should stay at work.
- Education is a powerful sanitation tool, so talk to employees about the problem.
- Post "Use Footbath" signs as reminders to employees.
- Check sanitizer concentration with test strips, which are convenient and simple. Keep daily or hourly log of results.
- Replace regular mats with the Antimicrobial Disinfectant Mat.
- Use longer lasting sanitizing solutions. Chlorine bleach dissipates rapidly, especially in the presence of a heavy organic soil load. Other compounds will last longer. Try quaternary ammonium, iodine, chlorine or acid sanitizers.
- Don't forget other aspects of your program, such as air sampling, HACCP, surface sampling, insect control, drain cleaning, condensation control, and cleaning of drip pans, condensers and air filters.

Footbath accessories on the next page...

DISINFECTANT MATS/SANITIZING FOOTBATHS & ACCESSORIES

Hand Pump

Designed specifically for use with our High-Wall™ Disinfectant Mat™, this pump fits securely into a notched out area in the bottom of the mat. Pump expels up to 8 ounces of solution per stroke, which nearly eliminates the tedious efforts associated with draining your Disinfectant Mat.

Unit	Stock #	PRICE
EA	065-2918	$34.88

Notice: Use Footbath Sign

NOTICE USE FOOTBATH

ACCUFORM. INFORM, PROTECT, & MOTIVATE

Material	Unit	Stock #	PRICE
7" x 10" Blue/Black/White			
Fiberglass	EA	083-2002	$13.48

Test Strips

Test	Range	Pkg	Unit	Stock #	PRICE
Iodine	12 - 100 ppm	200 strips/vial	VI	387-3294	$4.60
Chlorine	10 - 200 ppm	200 strips/vial	VI	387-3425	$4.60
Free Chlorine	0 - 800 ppm	50 strips/vial	VI	387-3031	$19.87
Quaternary Ammonium	50 - 400 ppm	100 strips/vial	VI	387-3297	$5.98

Recommended Sanitizers

Description	Pkg	Unit	Stock #	PRICE
Acid	2.5 gal	PK	019-5098	$57.29
Quaternary Ammonium	5 gal	PK	019-5729	$57.45
Chlorine	2.5 gal	PK	019-5730	$16.82

SPECIALTY MATS

Walk-N-Clean™ Mat

Stop dirt in its tracks, then simply peel it away with the Walk-N-Clean cleaning pad mat. Use at entrances to the lab and clean rooms. Cleaning pads are mounted on a heavy-duty white frame that has non-slip, non-skid backing and is non-toxic. Each pad contains sixty 30″ x 24″ gray sheets treated with a microbial agent that provides protection against growth of organisms including mold, mildew, and bacteria.

Size	Description	Unit	Stock #	PRICE
Mats				
31½" x 25½"	Includes: one 60 sheet pad	EA	430-2940	$116.24
31½" x 51"	Includes: 2 side-by-side 60 sheet pads	EA	430-2945	$230.65
Replacement Pads				
30" x 24"	60 sheets/pad, 4 pads/ca	CA	430-2949	$299.05

For more matting options give us a call at 800-826-8302"

Prices subject to change.

BSX Boot Scrubbers

Each of the BSX Boot Scrubbers use an open, sanitary design which eliminates hidden and hard to reach areas that are difficult to clean and can harbor pathogens. Components of each unit can be easily removed for cleaning and inspection. And because it's durable, you can clean and rinse just like any other piece of equipment in your facility.

BSX100 Manual Single Boot Scrubber Unit

When a user steps onto the platform of the wet unit, the system is activated and cleaning solution is sprayed onto the boot and brushes through a stainless steel venturi dilution valve and metering tip to provide the desired PPM. The user moves their boot back and forth through the brushes supplying the mechanical scrubbing action. The BSX100 is ideal for tight spaces and low traffic applications. Available as a wet or dry unit. Chemicals sold separately. 44"H x 16"W x 29"L.

Features:
• Slow Walk Through: 2-3 users/minute. Fast Walk Through: 3-6 users/minute.
• Solid member stainless steel frame construction and hand rail.
• One removable sole brush and four removable vertical side brushes.

Wet Unit Only:
• Spring actuated sanitizer valve mounted under removable stainless steel foot plate for spray activation.
• Four stainless steel spray bars apply sanitizer through brushes.
• Requires venturi injector kit (sold separately) for sanitizer with flow rated at 1.5 GPM.

Connection Requirements for Wet Unit:
• Wet Unit: 3/8" NPTF cold water connection, 50psi recommended.
• No drain connection - open frame with no drain.

Mfg Part #	Description	Wt	Unit	Stock #	PRICE
BSX100-W	Wet Unit	70	EA	764-2451	$1,900.00
BSX100-D	Dry Unit	70	EA	764-2452	$1,400.00

BSX200 Manual Walk Through Boot Scrubber Unit

When a user steps onto the platform of the wet unit, the system is activated and cleaning solution and water is sprayed onto the boot and brushes through a stainless steel venturi dilution valve and metering tip to provide the desired PPM. The user moves their boot back and forth through the brushes supplying the mechanical scrubbing action. The BSX200 is ideal for tight spaces and low traffic applications. Available as a wet or dry unit. Chemicals sold separately. 43"H x 30"W x 30"L.

Features:
• Slow Walk Through: 3-5 users/minute. Fast Walk Through: 5-10 users/minute.
• Solid member stainless steel frame construction and hand rail.
• Two removable sole brushes and eight removable vertical side brushes.

Wet Unit Only:
• Spring actuated sanitizer valve mounted under removable stainless steel foot plate for spray activation.
• Four stainless steel spray bars apply sanitizer through brushes.
• Requires venturi injector kit (sold separately) for sanitizer with flow rated at 1.5 GPM.

Connection Requirements:
• Wet Unit: 3/8" NPTF cold water connection, 50psi recommended.
• No drain connection - open frame with no drain.

Mfg Part #	Description	Wt	Unit	Stock #	PRICE
BSX200-W	Wet Unit	140	EA	764-2454	$3,750.00
BSX200-D	Dry Unit	140	EA	764-2453	$3,000.00

Call Customer Service at 800-826-8302

BOOT SCRUBBERS

BSX400 Single Boot Scrubber Unit

The BSX400 uses two stationery side brushes and one rotating sole brush to thoroughly clean the boot. The user places one foot at a time into the unit and activates the system by grabbing the hand rail. The cleaning solution is sprayed onto the brushes and transferred onto the boot from a stainless steel venturi dilution valve and metering tip to provide the desired PPM. The BSX400 is ideal for tight spaces and low traffic applications. Chemicals sold separately. 46"H x 20.5"W x 26"L.

Features:
- Slow Walk Through: 2-3 users/minute. Fast Walk Through: 3-6 users/minute.
- Solid member stainless steel frame construction and hand rail.
- One removable sole brush and two removable vertical side brushes.
- Two stainless steel right angle gearboxes for vertical side brushes.
- Stainless steel electrical enclosure with variable speed drive, timer and e-stop.
- Photo eye sensor mounted on handle for unit activation.
- Stainless steel wash-down rated 1/2 hp motor and worm gear reducer.
- Solenoid activated brush spray system with venturi injector for sanitizer with flow rated at 1.5 GPM.
- Removable stainless steel access grate.
- Self-draining tub with four adjustable feet.

Connection Requirements:
- 110V ac, 15 amp electrical connection required.
- 3/8" NPTF cold water connection, 50psi recommended.
- 1.5" Tri-clamp drain connection.

Mfg Part #	Wt	Unit	Stock #	PRICE
BSX400-DAF	200	EA	764-2455	$9,500.00

BSX600 Single Boot Scrubber Unit with Triple Rotating Brushes

The user places one foot at a time into the unit and activates the system by grabbing the hand rail. Two rotating side brushes and one rotating sole brush clean the boot while cleaning solution and water is sprayed onto the brushes through a stainless steel venturi dilution valve and metering tip to provide the desired PPM. The BSX600 is ideal for tight spaces and low traffic applications. Chemicals sold separately. 46"H x 22.25"W x 24.5"L.

Features:
- Slow Walk Through: 2-3 users/minute. Fast Walk Through: 3-6 users/minute.
- Solid member stainless steel frame construction and hand rail.
- Three rotating brushes clean along the boot along edges and sole.
- Two stainless steel right angle gearboxes for vertical side brushes.
- Stainless steel electrical enclosure with variable speed drive, timer and e-stop.
- Photo eye sensor mounted on handle for unit activation. Removable stainless steel access grate.
- Stainless steel wash-down rated 1/2 hp motor and worm gear reducer.
- Solenoid activated brush spray system with venturi injector for sanitizer with flow rated at 1.5 GPM.
- Self-draining tub with four adjustable dairy approved feet.

Connection Requirements:
- 110V ac, 15 amp electrical connection required.
- 3/8" NPTF cold water connection, 50psi recommended.
- 1.5" Tri-clamp drain connection.

Mfg Part #	Description	Wt	Unit	Stock #	PRICE
BSX600-DAF	3" Vertical brushes	200	EA	764-2457	$12,800.00
BSX600DAF6	6" Vertical brushes	200	EA	764-2458	$13,350.00

Prices subject to change.

BSX800 Compact Walk Through Boot Scrubber Unit

The user activates the system by stepping onto the platform. The cleaning solution is sprayed onto rotating brushes and transferred onto the boots from a stainless steel venturi dilution valve and metering tip to provide the desired PPM. The BSX800 is ideal for tight spaces and medium traffic applications. Chemicals sold separately. 54"H x 43"W x 60"L.

Features:
- Walk Through: 15-25 users/minute.
- Solid member stainless steel frame construction.
- Hinged stainless steel access grate, two removable stainless steel steps, removable combination brush assembly with one brush for each sole and four disk brushes for sides of feet.
- Stainless steel electrical enclosure with variable speed drive, timer and e-stop.
- Proximity sensor and spring loaded grate for unit activation.
- One stainless steel wash-down rated 1/2hp Motor and worm gear reducer.
- Self-draining tub with four adjustable dairy approved feet.
- Solenoid activated brush spray system with venturi injector for sanitizer with flow rated at 1.5 GPM.

Connection Requirements:
- 110V ac, 15 amp electrical connection required.
- 3/8" NPTF cold water connection, 50psi recommended.
- 1.5" Tri-clamp drain connection.

Mfg Part #	Description	Wt	Unit	Stock #	PRICE
BSX800-DAF	2-3/4" Disk brushes	400	EA	764-2460	$14,000.00
BSX800V-DAF	3" Vertical brushes	400	EA	764-2462	$16,500.00
BSX800V-DAF-6	6" Vertical brushes	400	EA	764-2463	$17,950.00

BSX1000 High Capacity Walk Through Boot Scrubber Unit

The user activates the system by stepping onto the platform. The cleaning solution is sprayed onto rotating brushes and transferred onto the boots from a stainless steel venturi dilution valve and metering tip to provide the desired PPM. The BSX1000 provide multiple points of contact between brush and boot. These units are designed for larger spaces and higher traffic applications. Chemicals sold separately. 54"H x 43"W x 96"L.

Features:
- Walk Through: 15-25 users/minute.
- Solid member stainless steel frame construction.
- Hinged stainless steel access grate, two removable stainless steel steps, removable combination brush assembly with one brush for each sole and four disk brushes for sides of feet, and two 33" long removable sole brushes.
- Stainless steel electrical enclosure with variable speed drive, timer and e-stop.
- Proximity sensor and spring loaded grate for unit activation.
- Three stainless steel wash-down rated 1/2hp motors and three worm gear reducers.
- Self-draining tub with four adjustable dairy approved feet.
- Solenoid activated brush spray system with venturi injector for sanitizer with flow rated at 2.5 GPM.

Connection Requirements:
- 220V ac, single phase, 15 amp electrical connection required.
- 3/8" NPTF cold water connection, 50psi recommended.
- 1.5" Tri-clamp drain connection.

Mfg Part #	Description	Wt	Unit	Stock #	PRICE
BSX1000-DAF	2-3/4" Disk brushes	800	EA	764-2465	$25,000.00
BSX1000V-DAF	3" Vertical brushes	800	EA	764-2467	$26,500.00
BSX1000V-DAF-6	6" Vertical brushes	800	EA	764-2469	$28,000.00

Call Customer Service at 800-826-8302

BOOT SANITATION UNITS

SmartStep™ Foot Sanitation Units

Reduce cross-contamination from footwear anywhere in your facility with the HACCP SmartStep Footwear Sanitizing Station with the proven effectiveness of Alpet® D2 Surface Sanitizer. The versatility of SmartStep stations allows you to set-up multiple units in high-traffic areas or add units as your plant's needs grow. The Alpet D2 5-gallon pail with insert must be purchased for use with the SmartStep System. However, this can be refilled from bulk for convenience.

SmartStep™ Footwear Sanitizing Station

The foot-operated unit uses compressed air (50-80 PSI with CFM) to deliver an atomized mist of Alpet D2 onto footwear soles. Its spray pattern offers excellent coverage at 0.2-oz per foot. Sanitizing unit is available with or without handle. Handle mounts to the floor to provide a safe and secure hand hold when in use.

Mfg Part #	Size	Description	Wt	Unit	Stock #	PRICE
ADB0002	26"L x 14"W x 22"H	Station without handle	20	EA	764-2441	$1,590.00
ADB0002-MH	42"L x 15"W x 30"H	Station with handle	20	EA	764-2442	$2,350.00
SS10002-BBS	12"L x 10"W x 6"H	Alpet D2 5-gallon pack with insert for Boot Sanitizing Station	41	PK	764-7027	$114.47

SmartStep™ Boot Scrubber with Handle

Boot scrubber bolts to the floor to ensure a safe and secure hand hold while manually cleaning footwear. Removable tray collects debris, keeping the area clean and reducing potential contaminations. Brushes are replaceable.

Mfg Part #	Size	Wt	Unit	Stock #	PRICE
USP20031	24"L x 14"W x 42"H	41	EA	764-2444	$1,710.00

SmartStep™ System with Boot Scrubber Combo

Combine the SmartStep Footwear Sanitizing Station and the Boot Scrubber for the complete package!

Boot scrubber manually cleans footwear while collecting debris in a removable tray, keeping the area clean and reducing potential contaminations. Follow with use of HACCP SmartStep Sanitizing Station. Compressed air (50-80 PSI with CFM) delivers an atomized mist of Alpet® D2 onto footwear soles; its spray pattern offers excellent coverage at 0.2-oz per foot.

The Alpet D2 5-gallon pack with insert mush be purchased for use with the SmartStep System. However, this can be refilled from bulk for convenience.

Mfg Part #	Description	Size	Wt	Unit	Stock #	PRICE
ADB0002-BS	SmartStep and Boot Scrubber Combo	42"L x 15"W x 30"H	20	EA	764-2443	$3,300.00
SS10002-BBS	Alpet D2 5-gal pk with insert for Boot Sanitizing Station	12"L x 10"W x 6"H	41	PK	764-7027	$114.47

Prices subject to change.

BOOT SANITATION UNITS

HACCP Defender™ Boot Sanitizing Station

Food processors can now have a tool for controlling pathogens and reducing cross-contamination. The HACCP Defender automatic boot sanitizing station utilizes the proven efficacy of Alpet® D2 Surface Sanitizer in areas where where pathogen reduction and moisture control is critical.

- One-way, walk through design supports traffic flow and improves pathogen reduction.
- Fine atomized mist provides ample coverage to boot soles while reducing chemical waste and controlling moisture.
- Adjustable output for optimal volume control.
- Infrared sensors control doors and sprayers.
- Fresh Alpet D2 Surface Sanitizer with every application.
- Stainless steel construction.

Mfg Part #	Description	Size	Wt	Unit	Stock #	PRICE
ADB0001	Sanitizing Station	38"L x 36"W x 45"H	240	EA	764-2155	$7,995.00
SS10002-BBS	Alpet D2 5-gal pk with insert for Boot Sanitizing Station	12"L x 10"W x 6"H	41	PK	764-7027	$114.47

Uni-Body® Entryway Foam Sanitizing System

Doorway foaming unit is simple to install and operate. Helps reduce cross contamination of foot, forklift, carts, and other similar traffic through doorways. Unit has adjustable foam and delay cycle timers for maintaining foam presence in entryways up to 6' wide. Also includes a manual override button providing instant foam when needed between cycles.

- Requires 4 cfm compressed air and 35 to 125 psi water pressure. Includes 20 color-coded metering tips, 10' discharge hose and one spreader nozzle.
- Dual unit, #385-6476 for wider entryway or two adjacent doorways, includes two foamers, two 10' discharge hoses and two spreader nozzles.

Description	Unit	Stock #	PRICE
Single entryway unit	EA	385-6401	$901.82
Dual entryway unit	EA	385-6476	$1,237.12

FLOOR DRAINS

Stainless Steel Floor Drain

8" round floor drain is constructed and designed to meet sanitary standards. Bodies are constructed of 316SS for extended life in many different corrosive environments. The heavy-duty 1/2" 304 stainless steel top plate has finger holes for easy removal. Comes with sediment basket to ensure separation of solids and liquids. 4" OD connection adapts 4" PVC pipe. Grout retaining ring prevents pop-out. Other sizes and styles available.

Description	Stock #	PRICE
Floor drain complete	234-2800	$200.84
Replacement screen	234-2802	$51.52
Replacement cover	234-2804	$220.78

Floor Drain Brushes can be found page 414.

Stainless Steel Floor Drain
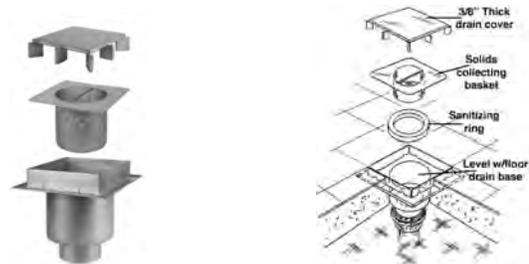
This 3-part, 304 stainless steel floor drain is designed to fit in place of an 8" floor tile. Engineered to accept the Pathways™ time-released drain sanitation ring #800-5077. Drain components are:

- Receptacle with 8" square box at the top and 4-1/2" diameter drain connection on the bottom.
- Lift-out, 1/8" perforated basket with handle and 7-5/8" square flange.
- Heavy-duty, lift-out top plate perfectly suited for truck traffic.

Description	Unit	Stock #	PRICE
Floor drain complete	EA	064-1005	$523.06
Replacement basket	EA	064-7000	$99.76

Call Customer Service at 800-826-8302

FLOOR DRAIN SANITIZER

Pathways™ Drain Sanitizer

Improve environmental sanitation in floor drains with Pathways Quaternary Solid Drain Sanitizer. This patented, water activated, time released detergent-sanitizer helps emulsify soil deposits 24 hours a day to reduce build-up between cleanings. The 8″ ring design does not obstruct water drainage. Use in floor drains, troughs, pits, and other areas where wet conditions favor microorganism growth and sanitation concerns. Green. 24 rings/case.

Unit	Stock #	PRICE
CA	800-5077	$449.63

CIP/COP WASHERS

Cabinet Washers

SANI·MATIC

Designed for Reliable, Consistent Cleaning

Food and beverage manufacturers have a significant number of process items that need to be cleaned daily, each with specific needs due to varying soil properties, manufacturing processes and soil loads. And, everything needs to be cleaned quickly to keep production moving.

The automated Sani-Matic cabinet washers are designed and manufactured to address these challenges efficiently and effectively, while lowering long-term operating expenses.

Each cabinet washer comes with the exclusively-designed sanitary spray assemblies that distribute cleaning solution evenly throughout the washer. These rotating spray arms and oscillating high-impact manifolds effectively remove difficult residues from both interior and exterior product contact surfaces, while the PLC controls the cleaning cycle to ensure a repeatable and documentable process.

A complete clean, every time. That's Cleaning Confidence.

Please contact our product specialist at 800-826-8302 to discuss your cleaning equipment needs and/or request a quote.

Tunnel Washers

High-Volume Cleaning Solutions for Your Process

Some processes use hundreds and thousands of similar process items such as trays, pallets, totes and pans every day. And, they all require cleaning—often within a limited amount of time.

Manually cleaning so many process items requires significant labor, as well as an uncontrolled amount of water and chemical. The results? Inconsistent and expensive cleaning.

SANI·MATIC

Automated Sani-Matic Tunnel and Pallet Washers are designed to quickly clean high-volume process items. This greatly reduces labor costs, increases productivity and safety, minimizes chemical use, lowers water and utility costs and provides repeatable results.

Please contact our product specialist at 800-826-8302 to discuss your cleaning equipment needs and/or request a quote.

Prices subject to change.

CIP/COP WASHERS

CIP Systems

Designed for Your Application to Provide Reliable, Consistent Cleaning

Clean-In-Place (CIP) systems are automated systems used to clean the interior surfaces of food and beverage process pipes, processing vessels, tanks, spiral freezers, mixers, blenders, homogenizers, roasters and associated fittings, without disassembling the process. Thorough, repeatable in-place cleaning is critical to the quality of your product, the safety of consumers—and your bottom line.

Sani-Matic CIP Systems are engineered to your specific plant application, layout and utility requirements for effective and efficient sanitary process equipment cleaning. Our application-specific CIP design and sizing ensures sufficient flow. As a result, appropriate pressure is available to thoroughly remove residue, rinse effectively, shorten cycle times and promote worker safety.

Our in-house programming experts design each CIP program to optimize cycle times that get you back into production faster, while reducing chemicals, water use and operating costs.

Sani-Matic CIP Systems—from single- to multi-tank or dual operating—are sanitary and can be engineered to 3-A standards.

Please contact our product specialist at 800-826-8302 to discuss your cleaning equipment needs and/or request a quote.

Stainless Steel Tanks

Tanks Designed for Your Process

Sani-Matic has manufactured durable tanks for the food and beverage industries for decades. Our tanks can be designed and manufactured to meet industry standards upon request.

All Sani-Matic tanks, from 75 gallons up to 2,500 gallons, are manufactured in Madison, WI, allowing quick turnaround times for high-quality tanks. Available tanks include CIP, Process, Holding, Surge, Mixing, Horizontal, Vertical, Square, Atmospheric and 3-A. With a variety of standard and custom features, Sani-Matic tanks and vessels can be specified to meet your needs.

As our standard, all welds are color cleaned with bottom welds bead blasted, but finishes to customer specifications are available. The standard tank tops are panned and radiused with a hinged removable manway cover and the bottoms are panned, radiused and pitched. Each tank has legs that are streamlined, crevice-free, made with heavy-duty tubular or pipe stainless steel and can be made adjustable.

Please contact our product specialist at 800-826-8302 to discuss your cleaning equipment needs and/or request a quote.

Have questions regarding your CIP/COP Washer needs?

Let us help! Give us a call at 800-826-8302.

Call Customer Service at 800-826-8302

CIP/COP WASHERS

COP Parts Washers

Clean all those pieces and parts of plant equipment that require manual washing with consistency. Save time and be assured that product contact surfaces are more than washed but rather they are clean! The Sani-Matic Clean-Out-of-Place (COP) parts washers create scrubbing action with turbulent flow throughout the entire volume of the tank.

Standard Features:
- 304 Stainless steel.
- Exclusively designed Sanitary Jet manifold.
- Sanitary finish.
- Fully drainable and inspectable.
- Sanitary centrifugal pump.
- Manual butterfly drain valve.
- In-tank direct steam injection.

SANI·MATIC

Circulation Patterns Available:
- Side to side circulation for rolling turbulence to clean loose parts in baskets.
- End-to-end circulation for countercurrent flow to clean the interior of piping, hoses and items with large cavities (e.g. strainer housings).
- Combination circulation- both circulation assemblies are provided; (2) butterfly valves mounted to a tee are used to select the desired flow pattern.

Optional Features:
- Conductivity sensor and controller.
- End mounted drain table.
- Drain board and pipe rack.
- Material type - 316L stainless steel.
- Insulated sidewalls.
- Pump - choose a preferred manufacturer.
- In-line electric immersion heater.
- Shell and tube heat exchanger.
- Hinged cover assembly.
- Chart recorder.
- Casters - for portability.
- Motor starter/disconnect.
- Chemical controls.
- High-pressure pump and hose station assembly.
- Hose cleaning manifold assembly.
- Complete documentation for regulator standards compliance.
- Manual to fully automated system.

Call for pricing.

Model	Width	Depth	Length (2' increments)
UW-series	20"	18"	4 - 12'
RW-series	24"	22"	4 - 12'
PW-series	24"	30"	6 - 12'
BW-series	30"	30"	6 - 12'
Custom Sizes/Multiple compartments Available			

CIP/COP Multi-Function Washer

The Sani-Matic multi-function washer is capable of performing a variety of both Clean-Out-of-Place (COP) and Clean-In-Place (CIP) tasks that may be required in smaller processing situations or isolated locations in larger plants.

Features:
- Recirculated CIP capability.
- Side-to-side circulating COP capability.
- Flow control and drain valves.
- Two compartments for detergent and rinse water.
- Optional equipment as described for the standard COP parts washer.

CIP Function: The multi-function CIP/COP washer is shown in the detergent recirculation mode. **Call for pricing.**

Prices subject to change.

Sanitation & Janitorial

COP PARTS BASKETS

Parts Handling Baskets for COP Washer

Save time and avoid damage to your parts - utilize parts baskets with your COP cleaning. All baskets are constructed of 316L stainless steel and are electropolished, unless otherwise noted. Most baskets have been designed to fit in standard size COP washers. Long handles provide for ease of removal from a COP tank without draining the tank. Many options are now available to customize standard baskets to suit your requirements. Baskets can be ordered with piano hinge covers, modified handles, and/or Teflon® feet. Please call for pricing and availability of baskets with any of the special options.

Small Parts Basket

With 17″ extended bar handles. Perforated 14-gauge stainless steel (3/8″ holes). Welded, ground and polished. Stackable.

Model	Dimensions	Unit	Stock #	PRICE
URWB-1	19″L x 15″W x 3-1/2″D	EA	588-1551	$473.81

Fittings Basket

Has 1/4″ bar frame and 15″ handles with 1/8″ stainless steel wire mesh (1″ square openings). Stackable.

Model	Dimensions	Unit	Stock #	PRICE
URWB-2	19-3/4″L x 15″W x 4″D	EA	588-1552	$199.50
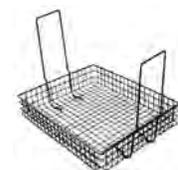
Gasket Basket

With perforated 14-gauge stainless steel (3/16″ holes). Piano-hinged perforated cover with snap latch. Bar handle shaped to permit basket to hang from top edge of washer.

Model	Dimensions	Unit	Stock #	PRICE
URWB-5	12″L x 6″W x 10″D	EA	588-1555	$299.25

Valve Basket

Has ample space for disassembled valve. 1/4″ bar frame handles 24″ high with 1/8″ stainless steel wire mesh (1″ openings). Stackable.

Model	Dimensions	Unit	Stock #	PRICE
URWB-6	22″L x 10-1/2″W x 10″D	EA	588-1556	$249.38
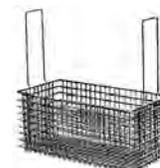
Large Parts Basket

Mesh openings permit efficient, brisk recirculation washing. stainless steel wire with 1″ square openings. Extended 24″ handles. Welded, ground and polished. Stackable. Only fits COP tanks 24″W x 22″D or larger.

Model	Dimensions	Unit	Stock #	PRICE
URWB-7	22″L x 22″W x 18″D	EA	588-1557	$448.88

Wash Tanks

Popular tanks for manual washing in food plants, stores, etc. Deep stainless steel sink handles large containers. Carefully designed to minimize splash. Choice of one or two compartments. Install on wall or with adjustable legs. Wall brackets or legs sold separately. Each compartment has 22-gallon capacity. 22-gauge stainless steel. Options: Also available in other sizes, by special order.

Description	Dimensions	Unit	Stock #	PRICE
Single tank	25¼"L x 20¼"W x 13½"H	EA	588-6035	$245.70
Double tank	49¼"L x 20¼"W x 13½"H	EA	588-6045	$420.53
Accessories				
Blue painted wall brackets, 2/set	-	ST	588-6080	$56.70
Blue Painted legs, 2/set	34″H	ST	588-6090	$66.15
Stainless legs, 2/set	34″H	ST	588-6092	$165.38
Hollow-type stopper	1½″ dia	EA	588-6105	$1.34

Call Customer Service at 800-826-8302

SPRAY BALLS

SANI-MATIC Spray Balls
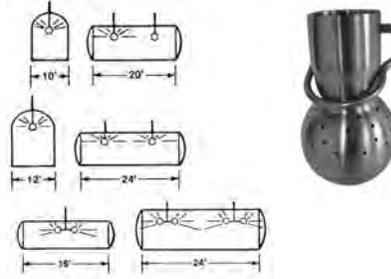
Stainless steel spray balls, heavy-wall welded and polished, for permanent installation in tank or kettle. Slip fit collar connection. Drilled as specified; can also be field drilled. Balls are sold individually. 3-A approved when used with warparound clip (shown).

Spray Ball Options: Ball diameters from 1-1/4" to 4" are available in standard and/or custom drill patterns (see chart below) and spray discs available by special order.

Model	Description	Unit	Stock #	PRICE
SB-5-1.5-1-SC=4-=25	1-1/2" Ball w/ clip, 360° Spray, 40 gpm	EA	588-1010	$249.90
SB-5-3-1.5-SC-40-25	3" Ball w/ pin, 180° upward spray, 40 gpm	EA	588-1355	$249.90
SB-2-4-1.5-SC-40-25	4" Ball w/ clip, 180° upward spray, 40 gpm	EA	588-1310	$249.90
SB-5-4-1.5-SC-40-25	4" Ball w/pin, 360° spray, 40 gpm	EA	588-7008	$249.90

SANI·MATIC
Custom Spray Balls

Spray Balls: Sani-Matic spray balls are designed according to 3-A requirements for permanent installation in product contact vessels. Standard spray designs provide for most applications. Special spray designs can be provided to ensure complete coverage of all interior features. All spray balls and wraparound clips are made of T316L stainless steel. Use the chart below to identify the appropriate spray ball. Call for pricing.

Model Designation

Model	Drill Pattern	Ball Diameter	Connection Size	Connection Style	Flow	Pressure	Finish
SB	5	2.5	1.5	SC	(GPM)	(PSI)	(Ra)

Model
SB - Spray Ball

Ball Diameter
1.25", 1.0",2.0", 2.5", 3", 4", SP=special

GPM & Pressure
Specify CIP supply conditions at tank

Connection Size
0.5", 0.75",1", 1.5", 2", 2.5", 3", SP=special

Drill Pattern
0 - No pattern
1 - 180° upward spray-vertical mount
2 - 180° upward spray - (2) balls mounted to horizontal tee
3 - special drill pattern; includes special gpm and psi req.'s
4 - 180° downward spray - vertical mount
5 - 360° spray
6 - 180° spray - horizontal mount

Connection Style
SC - slip collar
BW - butt weld
TC - tri-clamp
HC - half coupling
PT - pull through
SP - special

Ra
32
25
20
15
suffix: (EP) - electropolish

Prices subject to change.

SPRAY BALLS

Replacement Clips

The positive locking wrap around clip is 3-A approved and provided with all slip collar designs.

Fits	Unit	Stock #	PRICE
¾″ OD	EA	588-1321	$22.05
1″ OD	EA	588-1320	$22.05
1½″ OD	EA	588-1319	$22.05
2″ OD	EA	588-1318	$22.05

Hairpin Clip for Sprayball

Hairpin clip for 1.5″ OD tube sprayball. 3/16″ thick and 4-5/16″ OAL, stainless steel.

Unit	Stock #	PRICE
EA	588-1316	$11.00

TS-4 Tanker Transport Spray Assembly
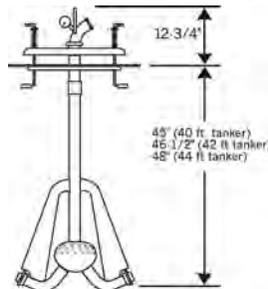
The TS-4 spray assembly is intended to clean the interior surfaces of a tanker transport trailer that contains non-viscous product residues such as milk. The supply tube length can be adjusted to clean 40 - 42 - 44′ trailers. The TS-4 clamps in place and must be oriented properly to clean the front and rear tank heads. A 2″ 15R threaded supply connection is provided. The supply flow requirement is 120 gpm at 55 psi. Maximum pressure: 100 psi; Maximum temperature: 200°F.

Mfg Part #	Description	Unit	Stock #	PRICE
S10090	TS-4 Tanker spray washer	EA	588-1330	$2,942.63
Replacement Parts for TS-4 Washer				
320053	Manhole gasket	EA	588-1332	$79.80
321793	Nozzle	EA	588-7002	$108.57
360004	Top only	EA	588-7061	$1,023.75
360075	Bottom only	EA	588-1333	$1,596.00
S10093	Arm/spring assembly	EA	588-1334	$437.33
320068	Clip	EA	588-1335	$21.00

TS-5 Tanker Transport Spray Washer

Drop-in style TS-5 Tanker Washer designed to clean larger transport tankers up to 55 feet long. Unique S-shaped manifold in combination with a rotary spray device gives you a 360° spray coverage. Direct impingement of the cleaning solution to the entire tank can reduce cleaning cost by saving water, chemicals, and time. Complete with 2″ tri-clamp connections and requires supply flow of 74 GPM at 60 psi.

Wt	Unit	Stock #	PRICE
70	EA	588-1340	$8,355.48

Call Customer Service at 800-826-8302

STEAM & WATER MIXERS

STRAHMAN M-5700TG Stainless Steam & Water Mixer

The M-5700TG series is the Stainless Steel version of the popular M5000TG mixer that has been the industry standard valve for many years. These mixers allow you to manually adjust the steam and water until the desired temperature is reached as shown on the included dial gauge. For added safety, if the cold water supply falls below 50 psi, the steam source will automatically shut off preventing steam from escaping and causing burns. Hose rack, temp gauge and top mounted globe valves are included.

Model	Description	Steam Pressure Required	Unit	Stock #	PRICE
M5700TGL	Mixer only	80 to 95 psi	EA	645-1047	$3,835.47
M5700TGM	Mixer only	96 to 130 psi	EA	645-1065	$3,835.47
M5700TGH	Mixer only	131 to 150 psi	EA	645-7067	$3,835.47

STRAHMAN M-5000TG Instant Steam & Water Mixer

Popular bronze units produce hot water from steam and cold water. With a properly maintained M-5000, the risk of burns from raw steam is greatly reduced. If cold water fails, steam is instantly shut off. All units come with dial thermometer, hose rack and top mounted globe valve connections. Recommended maximum operating temperature: 200°F/93°C. Requires 50 to 80 psi water pressure. Steam pressure requirement range from 80 to 150 psi as noted below. Hose and nozzle sold separately.

Model	Description	Steam Pressure Required	Unit	Stock #	PRICE
M5000TGL	Mixer only	80 to 95 psi	EA	645-1000	$1,427.30
M5000TGM	Mixer only	96 to 130 psi	EA	645-7013	$1,427.30
M5000TGH	Mixer only	131 to 150 psi	EA	645-1020	$1,427.30

STRAHMAN M-5000TS Thermostatically Controlled Steam & Water Mixer

This bronze wall mounted mixing unit combines steam and cold water thermostatically to produce hot water at the temperature you selected, automatically compensating for water pressure fluctuations. Single handle on/off eliminates the need to open and adjust water and steam valves each time you use the unit. Thermostatically designed safety shutoff valve prevents the unit from overheating. Maximum temperature 200°F. Working pressure: 80-150 psi steam; 50-80 psi water. Hose and nozzle sold separately.

Description	Unit	Stock #	PRICE
Mixer only	EA	645-1030	$1,849.90

STRAHMAN M-144TG Low Pressure Steam & Water Mixer

Bronze safety unit is designed to blend steam and cold water in any desired proportion. Safety steam shut-off prohibits passing of live steam. Includes dial type gauge that indicates exact wash water temperature in both Celsius and Fahrenheit. User adjustable with a factory set maximum temperature of 200°F. For maximum efficiency use with a Strahman hose and nozzle assembly - open ended hose or hard piping from the unit is not recommended. Working pressure: 20-80 psi steam and water. Note: Water pressure should not exceed steam pressure. Hose and nozzle sold separately.

Description	Unit	Stock #	PRICE
Mixer only	EA	645-1072	$1,395.21

STRAHMAN M-159 Hot & Cold Water Mixer

A complete wall-mounted bronze mixing unit and hose station for thoroughly blending hot and cold water in any desired proportion. Available with or without temperature gauge. Not for steam service. Also available in stainless steel as model M-750. Call for pricing. Hose and nozzle sold separately.

Model	Description	Unit	Stock #	PRICE
M159TG	Bronze unit w/temperature gauge	EA	645-1045	$983.61
M159	Bronze unit, no gauge	EA	645-1040	$831.99

Prices subject to change.

STEAM & WATER MIXERS

STRAHMAN M5000TG Parts
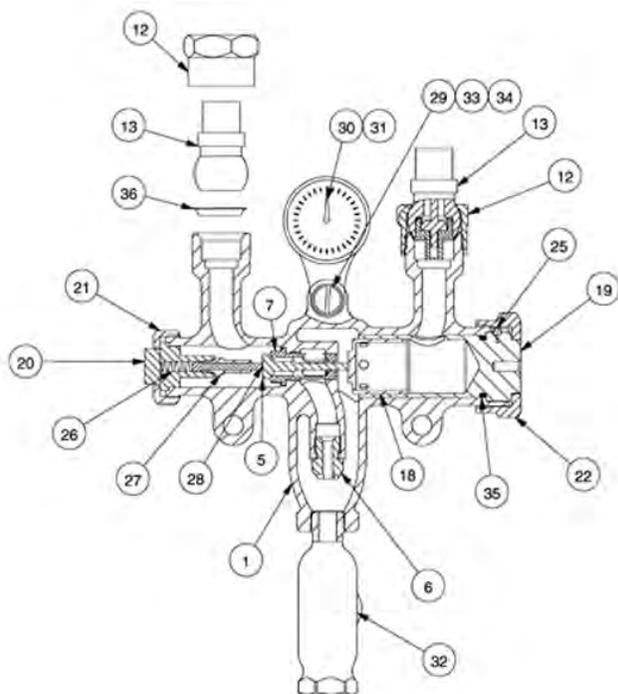
Key Part #	Description	Unit	Stock #	PRICE
1	Body (includes #6 & #7)	EA	645-1201	$325.02
2	Cap screw	EA	645-1202	$4.99
3	Lock washer	EA	645-1203	$4.99
4	Connector	EA	645-1204	$12.99
5	Steam poppet (L)	EA	645-1205	$41.09
5	Steam poppet (M)	EA	645-1305	$41.09
5	Steam poppet (H)	EA	645-1405	$41.09
6	Steam jet	EA	645-1206	$14.99
7	Poppet Seat	EA	645-1240	$38.16
8	Hose rack, SS/bronze	EA	645-1208	$86.10
10	Spacer	EA	645-1210	$15.99
11	Wall plate	EA	645-1211	$11.99
12	Union nut	EA	645-1212	$15.99
13	Ball check valve (includes #36)	EA	645-1213	$81.21
18	Water chamber, SS	EA	645-1218	$33.26
19	Water chamber housing (includes #35)	EA	645-1219	$71.43
20	Poppet guide, SST 304	EA	645-1220	$16.99
21	Poppet guide nut, SST 303	EA	645-1221	$16.99
22	Body nut, SST 303	EA	645-1222	$22.99
25	Set screw	EA	645-1225	$5.05
26	Poppet spring	EA	645-1226	$4.99
27	Guide extension	EA	645-1227	$11.99
28	Pusher	EA	645-1228	$9.99
31	Temperature gauge (F/C)	EA	645-1231	$190.46
32	Blending chamber	EA	645-1232	$60.66
35	O-ring for water chamber housing	EA	645-1235	$1.32
36	Ball check gasket	EA	645-1236	$19.99

STRAHMAN M-5000TG Instant Hot Water Maker Service Kits

Includes: 2 Poppet seats; 2 Steam poppets; 2 Ball check assemblies w/gasket; 1 Steam jet; 1 Water chamber; 1 Water chamber housing O-ring; 2 Water chamber O-rings; 1 Pusher and 1 Guide extension.

Mfg Part #	Unit	Stock #	PRICE
M5000TGL Service Kit	KT	645-1902	$300.38
M5000TGM Service Kit	KT	645-1903	$300.38
M5000TGH Service Kit	KT	645-1904	$300.38

STRAHMAN V-14-U Soft Seal Piston Steam Valve

A bronze valve which seals by means of a stainless steel piston sliding into a soft Teflon® ring making a tight seal. Leaks are positively prevented. Hoses stay cool, last longer, wear less. Maximum working pressure: 150 psi. Maximum operating temperature: 370°F/187.7°C. 3/4" globe type, union connections.

Description	Handle Color	Unit	Stock #	PRICE
Bronze globe valve with teflon ring, union connection	Black	EA	645-1333	$230.26
Bronze globe valve with teflon ring, union connection	Red	EA	645-1334	$230.26
Soft seal piston valve conversion kit, ¾", for bronze units		KT	645-1980	$134.55

STRAHMAN V-14-U Steam Valve Service Kit

Includes: 1 Ring puller; 1 Ring seater; 1 Lantern; 5 Packing rings; 2 Springs; 5 Bottom valve rings; 3 Base rings.

Description	Unit	Stock #	PRICE
For Bronze V-14-U valve	KT	645-1934	$291.86

See complete parts diagram and parts listing on the next page.

Call Customer Service at 800-826-8302

STEAM & WATER MIXERS   HOSES

STRAHMAN V-14-U Steam Valve, 3/4" Parts

¾" Soft Seal Piston Valve

Key Part #	Description	Unit	Stock #	PRICE
1	Body, Union type	EA	645-1701	$65.55
3	Bottom valve ring	EA	645-1703	$13.99
4	Piston (incl. #5)	EA	645-1704	$31.31
5	Splitnut	EA	645-7030	$14.99
6	Stem (incl. #7)	EA	645-1706	$22.99
7	Stem stop	EA	645-1707	$4.99
8	Lantern	EA	645-1708	$22.99
9	Spring	EA	645-1709	$4.99
10	Bonnet	EA	645-1710	$51.86
11	Bonnet nut	EA	645-1711	$16.99
12	Retaining ring	EA	645-1712	$4.99
13	Packing ring	EA	645-1713	$14.99
14	Packing gland	EA	645-1714	$12.99
15	Packing nut	EA	645-1715	$12.99
16	Handwheel, Black	EA	645-1716	$15.14
16	Handwheel, Red	EA	645-1718	$14.99
17	Handwheel nut	EA	645-1717	$4.99
20	Union gasket	EA	645-1720	$4.99
21	Union tail piece	EA	645-1721	$12.99
22	Inlet union nut	EA	645-1722	$15.99

STRAHMAN Premium Hose Assemblies
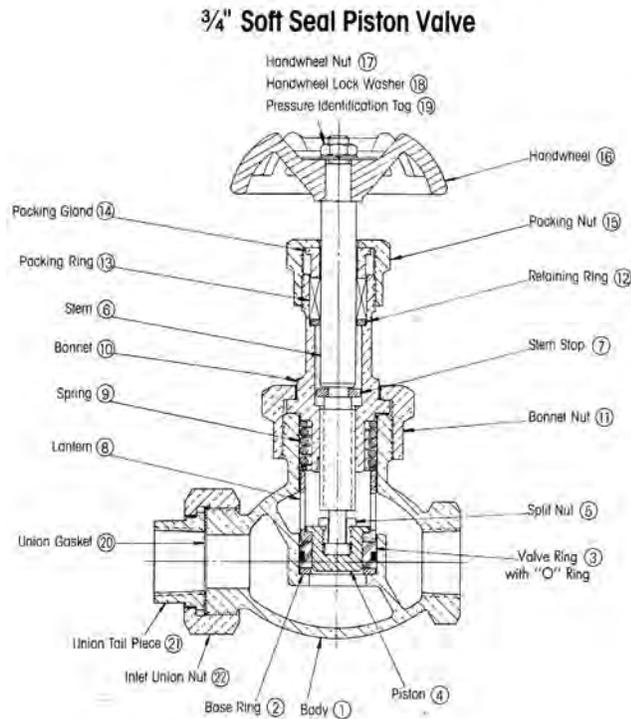
High pressure 5/8" ID Homoflex premium wrapped hot water hose with 3/4" male NPT fitting on unit end and 1/2" male NPT swivel connector on other end. 300 psi. Nozzle sold separately. Most hoses are available with or without internal spring assembly.

Model	Hose Length	Color	Unit	Stock #	PRICE
With Bronze Fittings					
Black Hose with internal spring					
A-X	25'	Black	EA	645-1115	$438.73
A-X	50'	Black	EA	645-1110	$620.67
A-X	75'	Black	EA	645-7002	$796.93
A-X	100'	Black	EA	645-1114	$983.60
White Hose with internal spring					
A-X	25'	White	EA	645-1116	$438.73
A-X	50'	White	EA	645-1111	$620.67
A-X	75'	White	EA	645-1118	$796.93
A-X	100'	White	EA	645-7036	$983.60
Red Hose with internal spring					
A-X	25'	Red	EA	645-1117	$438.73
A-X	50'	Red	EA	645-1112	$620.67
A-X	75'	Red	EA	645-1119	$796.93
A-X	100'	Red	EA	645-1104	$983.60
With Stainless Steel Fittings					
Black Hose without internal spring					
S-X	25'	Black	EA	645-1161	$526.86
S-X	50'	Black	EA	645-1160	$749.55
White Hose without internal spring					
S-X	25'	White	EA	645-1140	$526.86
S-X	50'	White	EA	645-1142	$749.55
S-X	75'	White	EA	645-1144	$898.32
S-X	100'	White	EA	645-1146	$1,068.89
Red Hose without internal spring					
S-X	25'	Red	EA	645-1162	$526.86

Call us for all your Strahman Washdown Equipment & Parts.

Prices subject to change.

STRAHMAN Extruded Hose Assembly

Flexible, lightweight extruded high pressure hot water hose with 3/4″ male NPT fitting on unit end and 1/2″ male NPT swivel connector on the other end. Economical general purpose hose. Resists oil, abrasives and fatty and lactic acids. 300 psi. Nozzle sold separately.

Hose Length	Fittings	Color	Unit	Stock #	PRICE
50 ft	Bronze	Yellow	EA	645-1113	$376.19
100 ft	Bronze	Yellow	EA	645-7059	$626.36
75 ft	Bronze	White	EA	645-1136	$503.17
50 ft	Bronze	Black	EA	645-1172	$376.19
50 ft	Bronze	White	EA	645-1126	$376.19
100 ft	Bronze	White	EA	645-1171	$626.36
50 ft	Stainless Steel	Yellow	EA	645-1168	$528.76
75 ft	Stainless Steel	Yellow	EA	645-1166	$663.32
50 ft	Stainless Steel	White	EA	645-1175	$528.76
75 ft	Stainless Steel	White	EA	645-1174	$663.32

Strahman HydroSwivel Sweeper®

Strahman's new HydroSwivel Sweeper is a multi-functioning cleaning tool for cleaning virtually any surface. It features all stainless steel and acetal polymer construction, interchangeable tips with varying flow rates, a high-impact thermally protective cover, and comes with a bronze Mini M-70 spray nozzle (which can be removed and used as a stand-alone spray nozzle for other applications).

The HydroSwivel Sweeper features a fully articulated patent pending HydroSwivel joint which provides excellent maneuverability in and under hard-to-reach places and a spray pattern directed to the floor for deep cleaning of grout without over-spray to walls and the damaging effects of other hi-pressure systems. The spray manifold rotates a full 360° making this an ideal cleaning tool for dairy, meat, food, and pharmaceutical processors as well as supermarkets, restaurants and breweries.

Features 6 spray tips with a standard flow rate of 5.9GPM at 60psi. Interchangeable tips range from 2.5 GPM to 10 GPM at 60 psi. Option: Also available in narrower 7.5″ wide, 3 nozzle version - call for pricing.

Description	Unit	Stock #	PRICE
12 1/2″ wide 6 tip sprayer, 60.5″ overall length, black nozzle	EA	645-1585	$624.99

STRAHMAN M-70 Series Water-Saver Nozzles

Do a better job with less water. These precision-made nozzles enable the operator to get any type stream of water by simply pressing the lever. A soft spray or a strong straight stream may be obtained by varying your pressure. This convenient control of the wash water assures better cleaning with less effort. The nozzles automatically shut off when the lever is released, eliminating wasted water. Has rubber cover in black, white or red. Cannot be used directly on live steam. Maximum temperature recommended is 200°F/93°C. Maximum working pressure: 150 psi. All nozzles accept 1/2″ male NPT connection. Adapters sold separately.

Description	Color	Unit	Stock #	PRICE
M-70 without adapter	Black	EA	645-1566	$129.82
M-75 without adapter	White	EA	645-1567	$129.82
M-77 without adapter	Red	EA	645-1568	$129.82

Call Customer Service at 800-826-8302

NOZZLES

STRAHMAN S-70 Series Water-Saver Nozzles

Get the same water savings that you have enjoyed from the M-70 nozzles in a stainless steel version! Stainless steel adapters sold separately.

Description	Color	Unit	Stock #	PRICE
S-70	Black	EA	645-7055	$237.84
S-75	White	EA	645-1534	$237.84
S-77	Red	EA	645-1597	$237.84

STRAHMAN Brass Adapters
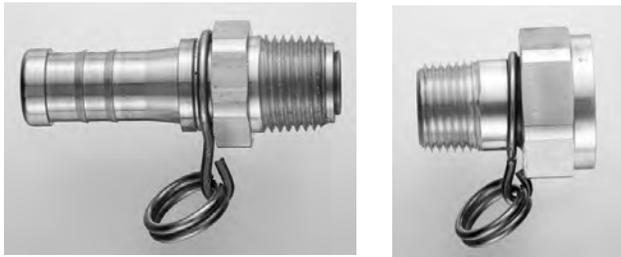
Connection	Unit	Stock #	PRICE
#21S Swivel Adapters			
½" Barb x ½" NPT	EA	645-1635	$36.20
⅝" Barb x ½" NPT	EA	645-1633	$36.20
¾" Barb x ½" NPT	EA	645-1622	$36.20
¾" FGHT x ½" NPT	EA	645-1634	$36.20
#21 Non-Swivel Adapters			
½" Barb x ½" NPT	EA	645-7018	$21.99
⅝" Barb x ½" NPT	EA	645-1640	$21.99
¾" Barb x ½" NPT	EA	645-1621	$21.99
¾" FGHT x ½" NPT	EA	645-7025	$21.99

M-70 Service Kits

Kits include colored cover, cartridge unit, lever arm with screw and nut, cage, lock ring assembly and body sealing rings.

Description	Unit	Stock #	PRICE
Black kit	KT	645-1971	$66.53
White kit	KT	645-1972	$66.53
Red kit	KT	645-1973	$66.53

STRAHMAN M-70 Series Nozzle Replacement Parts
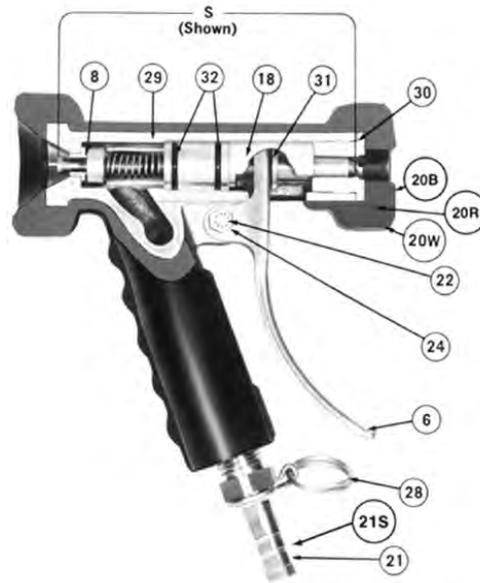
Key Part #	Description	Unit	Stock #	PRICE
S	Renewable cartridge unit (containing all working parts)	EA	645-1670	$41.09
6	Lever arm	EA	645-1606	$13.99
8	Stainless steel seat	EA	645-1608	$16.99
18	Cage	EA	645-1610	$4.99
20B	Black renewable rubber cover	EA	645-1620	$51.86
20R	Red renewable rubber cover	EA	645-1618	$51.86
20W	White renewable rubber cover	EA	645-1619	$51.86
21	Nonswivel adapter, ¾" barb x ½" MNPT	EA	645-1621	$21.99
21	Nonswivel adapter, ½" barb x ½" MNPT	EA	645-7018	$21.99
21	Nonswivel adapter, ⅝" barb x ½" MNPT	EA	645-1640	$21.99
21	Nonswivel adapter, ¾" FGHT x ½" MNPT	EA	645-7025	$21.99
21S	Swivel adapter, ¾" barb x ½" MNPT	EA	645-1622	$36.20
21S	Swivel adapter, ⅝" barb x ½" MNPT	EA	645-1633	$36.20
21S	Swivel adapter, ½" barb x ½" MNPT	EA	645-1635	$36.20
21S	Swivel adapter, ¾" FGHT x ½" MNPT	EA	645-1634	$36.20
22	Lever arm bushing	EA	645-1623	$4.99
24	Lever arm screw	EA	645-1624	$5.99
24	Lever arm nut	EA	645-1625	$5.99
28	Lock ring assembly	EA	645-1628	$9.99
29	Body	EA	645-1629	$52.83
30	Lock screw	EA	645-1630	$16.99
31	Stem guide	EA	645-1631	$10.99
32	Body sealing O-ring	EA	645-1632	$4.99

Prices subject to change.

Mini M-70 Nozzles

This lightweight industrial nozzle is smaller and weighs just 1.8 pounds, yet it provides the same high level quality as the regular M-70 series nozzle. Smaller hands will find the size and lighter weight of this nozzle easier to handle. Black.

Hydro-Pro 150® Nozzles

Constructed with a stainless steel housing for stength and durability, yet it weighs less than 2 pounds. Ergonomically designed to reduce user fatigue with a patented locking trigger mechanism that allows users to lock in a desired spray pattern without having to maintain pressure on the trigger.

Model	Connection	Unit	Stock #	PRICE
Black				
Mini M-70	¾" Swivel barb	EA	645-1540	$82.19
Mini M-70	½" Swivel barb	EA	645-7061	$82.19
Mini M-70	5/8" Swivel barb	EA	645-1542	$82.19
Mini M-70	¾" Swivel GHT	EA	645-1541	$82.19
White				
Mini M-75	¾" Swivel barb	EA	645-1520	$82.19
Mini M-75	½" Swivel barb	EA	645-1538	$82.19
Mini M-75	¾" swivel GHT	EA	645-1521	$82.19
Mini M-75	⅜" NPT x ½" NPT (fits Strahman hose)	EA	645-1522	$84.15

Connection	Unit	Stock #	PRICE
Black			
½" Swivel	EA	645-1559	$228.37
⅝" Swivel	EA	645-1561	$228.37
¾" Swivel	EA	645-7052	$228.37
⅝" Non-swivel	EA	645-1564	$213.21
Without adapter	EA	645-7050	$204.68
White			
½" Swivel	EA	645-1586	$226.48
⅝" Swivel	EA	645-1560	$228.37
¾" Swivel	EA	645-1558	$228.37
¾" GHT swivel	EA	645-1563	$228.37
Without adapter	EA	645-1500	$204.68
Red			
⅝" Swivel	EA	645-1562	$228.37
¾" Swivel	EA	645-1592	$226.48
Without adapter	EA	645-1591	$202.79

Mini M-70 Adapters

Connection	Unit	Stock #	PRICE
Mini #21S Swivel Adapters			
½" Barb x ⅜" MNPT	EA	645-1657	$35.22
¾" Barb x ⅜" MNPT	EA	645-1659	$35.22
⅝" Barb x ⅜" MNPT	EA	645-1660	$35.22
¾" FGHT x ⅜" MNPT	EA	645-1656	$35.22
½" FNPT x ⅜" MNPT	EA	645-1654	$35.22

Hydro-Pro 150® Service Kits

Includes: 1 Renewable nylon cover; 6 Cover screws; 2 O-rings; 1 Snap ring; 1 Housing; 1 Stem; 1 Inlet screw.

Model	Unit	Stock #	PRICE
HP-150 Black	KT	645-1690	$65.55
HP-150 Red	KT	645-1691	$65.55
HP-150 White	KT	645-1692	$65.55

Mini M-70 Service Kit

Includes: 1 Mini cartridge; 1 Lever arm and bushing; 1 Nozzle cage and black cover; 1 Lock ring; 2 O-rings.

Unit	Stock #	PRICE
KT	645-1665	$86.83

More Nozzles & More Colors
on the next page...

Call Customer Service at 800-826-8302

NOZZLES

Waterboss™ Spray Nozzles

Proven to move grease and debris better and faster than other spray guns with similar pressure and flow rates. Spray pattern adjusts from fan to narrow cone. The low-force trigger along with the well balanced, lightweight, ergonomic design reduces worker fatigue. An insulating air pocket within the grip keeps the handle cooler when using hot water. Stainless steel internals are standard and do not contain lead. Non-marring, heavy-duty fiberglass reinforced body. Maximum temperature: 180°F. Proudly made in the U.S.A.

Color	Trigger	PSI	Inlet Connection	Unit	Stock #	PRICE
Yellow	Long	300	½" NPT	EA	405-1760	$134.95
Yellow	Short	300	½" NPT	EA	405-1300	$135.00
Orange	Long	750	⅜" NPT	EA	405-1750	$134.95
Red	Long	800	⅜" NPT	EA	405-1761	$134.95

Waterboss™ Spray Nozzle Repair Kits

Keep your nozzle working smoothly by replacing worn parts with inexpensive Waterboss Repair Kits.

Kits include: nozzle shroud, standard nozzle, valve seat, O-rings, valve stem, valve guide, stainless steel spring, spring guide, valve stem bushing, link actuator, ss washer, E-rings, housing and inlet pipe.

Description	For Nozzle	Unit	Stock #	PRICE
RK750B	Orange	KT	405-1752	$42.84
RK300B	Yellow	KT	405-1753	$38.00

Spray Guns

These heavy-duty spray guns offer an adjustable spray pattern from wide spray to heavy jet stream. Available with brass body and replaceable EPDM cover and seals or stainless body and replaceable Viton cover and seals. All spray guns have a 1/2" female NPT inlet (swivel connectors sold separately). Maximum temperature 200°F. Maximum pressure: 350 psi. Not for use with steam.

Description	Color	Unit	Stock #	PRICE
Nozzle				
Brass	Blue	EA	647-1001	$94.50
Stainless	Blue	EA	647-1025	$156.56

Industrial Spray Nozzles

Insulated water nozzles are excellent for industrial use with hot or cold water. Constructed with heat resistant rubber and Santoprene, they can withstand temperatures up to 180°F. Nozzles are equipped with a rust resistant stainless steel spring and locking clip for continuous spray, and male hose threaded front for attaching accessories. A water-saver brass stem provides an adjustable spray pattern with a maximum working pressure of 100 psi. 3/4" GHT inlet and outlet.

Color	Unit	Stock #	PRICE
White	EA	130-1220	$15.24
Red	EA	130-1223	$15.01
Yellow	EA	130-1224	$15.01
Blue	EA	130-1225	$15.01
Green	EA	130-1226	$15.01
Black	EA	130-1221	$15.01
Orange	EA	130-1222	$15.01

Lightweight Spray Nozzles

Available in stainless steel, brass or aluminum and ideal for use in the dairy and food industries. Nozzles have a trigger controlled variable spray pattern which instantly shuts off when the trigger is released. Maximum working pressure: 150 psi. Maximum temperature: 200°F. 7 pgm @ 100psi. All models have 3/4" GHT inlets. Stainless nozzles have all stainless steel parts. Swivel & non-swivel adapters, replacement kits, and covers can be purchased separately.

Color	Unit	Stock #	PRICE
Brass Nozzle			
White	EA	130-1120	$73.50
Black	EA	130-1121	$71.79
Orange	EA	130-1122	$71.79
Aluminum Nozzle			
White	EA	130-1130	$57.36
Black	EA	130-1131	$57.36
Orange	EA	130-1132	$57.36
Stainless Steel Nozzle			
White	EA	130-1140	$103.94
Black	EA	130-1141	$103.94
Orange	EA	130-1142	$103.94

Spray Gun Service Kits

Spray gun service kit consists of: (1) Steel pan with 2 O-rings; (1) Spring; (1) Hex nut with O-ring.

Description	Unit	Stock #	PRICE
Nozzle repair kit for #647-1025, Viton seals	KT	647-1026	$41.90
Nozzle repair kit for #647-1001, EPDM seals	KT	647-1027	$27.93

Prices subject to change.

Pistol Grip Water Nozzles

Perfect for light-duty plant wash-up jobs or milkhouse applications. These nozzles offer quality construction at an economical price. Chrome-plated zinc body with all-brass valve stem and adjusting nut. Hold-open clip locks in spray pattern. FGHT Inlet Stainless steel spring with lifetime packing. Easy squeeze on/off lever. Insulated model features a molded grip to protect hand from hot or cold liquids, heavy-duty nylon handle and a threaded front that accepts hose accessories.

Description	Unit	Stock #	PRICE
Uninsulated	EA	588-6236	$6.30
Insulated, red	EA	588-6240	$10.24

LONN Water Saver Nozzles

Save money by conserving water with these nozzles. Flex the end to turn it on. Release it, and it automatically shuts off. Use on tempered or cold water lines. Available in six models to meet all food plant needs. 3/4″ garden hose thread brass fittings. Length approximately 9″.

- Models A and B offer heavy-duty neoprene construction. Ideal for outdoor or truck wash applications. Temperature range: -40 to 150°F. Working pressure 60-70 PSI.
- Models L, M, R and S are great for in-plant use. Handle temperatures up to 150°F continuous, 212°F for occasional operation.

Model	Water Stream	Unit	Stock #	PRICE
A	Full volume	EA	588-1076	$40.95
B	Concentrated	EA	588-1077	$44.84
L	Medium pressure	EA	588-1078	$32.63
M	Open flow	EA	588-1079	$32.63
R	Concentrated pressure	EA	588-1080	$32.63
S	Fan shaped spray	EA	588-1081	$32.63

Sanitary White Rubber Nozzle

This easy-to-handle hose nozzle meets sanitary requirements in food processing plants for both hot or cold water wash-up operations. It's ruggedly built to withstand impact and abrasion, yet will not mar or scratch surfaces. Tapered for stream control. 12″ overall length. For 3/4″ ID hose. Nozzle has molded-in short shank coupling for insertion into hose. Hose clamp required.

Unit	Stock #	PRICE
EA	261-2015	$23.23

STEAM & WATER MIXERS

ARMSTRONG-LYNNWOOD STEAMIX® 203 Steam and Water Mixing Station

An ultra-safe, top-of-the-line mixing station that's simple to use. In the event of a cold water failure or sudden decrease in pressure, the Steamix 203 mixing valve immediately responds with a complete shut-down. And it can safely operate and maintain adequate water flow for washdown with steam pressures as low as 20 to 25 psi.

Workers appreciate the station's user-friendly controls. Simply preset water temperature with one control, then use the other to start or stop water flow. There's no need to juggle two separate flow controls to regulate temperature. For added peace of mind, a temperature locking feature allows maintenance personnel to establish either a required minimum temperature or a safe maximum temperature users cannot override. Proper cleaning temperatures are maintained while assuring safety and preventing waste.

Model 2032P features Steamix 203 Steam/Water Mixing Valve of brass/stainless steel construction with single handle temperature control and fail safe feature. 3/4" inlets/outlets, 3/4" Y strainers and 3/4" ball valves cross linked by a SS bridge piece and lever for simultaneous on/off control of BOTH inlet supplies. Unit is fully assembled and installed on a stainless steel hose rack. Inlet Check Valves are required and sold separately.

Model 2033P-50 includes all of the same features as Model 2032 plus a stainless steel dual scale top mount thermometer, 50' yellow washdown hose rated at 400 psi/190°F, anti-kink spring guard, rubber cushioned water saver spray nozzle with swivel adapter and stainless steel nozzle hook.

- Handles diverse supply pressures from 20 to 150 psi water, and from 22 to 150 psi steam with up to a 10-to-1 pressure loss ratio.
- User Friendly. No need to juggle controls. Just preset temperature, then use single on-off control for water flow.
- Fail Safe! If cold water fails, the unit will immediately respond with complete shutdown.
- Tamper Resistant. Maintenance personnel can establish a required minimum temperature or a safe maximum temperature that the user cannot override.
- Rugged Construction. Bronze body and stainless steel internal parts are built to take punishment day in and day out.

Options: Hoses: 25', 50', 75' and 100' lengths. Other: Tamper resistant locking set, various check valves, and steam accessories.

Part #	Model	Description	Unit	Stock #	PRICE
	2032P	Mixing station w/o hose or thermometer	EA	409-1041	$4,457.98
	2033P-50	Mixing station w/50' yellow hose and nozzle assembly	EA	409-1042	$5,499.74
Replacement Parts					
203-937-82		Rolling diaphram and service pack	KT	409-1082	$347.43
203-937-52		Service pack	EA	409-1084	$81.63
203-937-55		Diaphram service pack	KT	409-7001	$551.73
036-203-540		Diffuser/poppet valve pack	EA	409-7011	$351.41
202-937-53		Upper screw pack	EA	409-7005	$26.48
036-203-580		Water flow regulator assembly	EA	409-7012	$201.09
Accessories					
039V-S		3/4" vertical check valves	EA	409-1080	$174.21
035-50		3/4" x 50' hose w/end fittings (3/4" male NPT x 1/2" male swivel)	EA	409-1050	$680.95
038-16		Trigger-operated water saver nozzle, 16gpm, black	EA	409-1056	$288.70
036A		Stainless steel top mount thermometer with Steamix adapter	EA	409-1081	$109.50

Prices subject to change.

Premium Food Grade Washdown Hose (RWD)

Designed with a food grade inner liner for cleanup duties in dairies, creameries, breweries, and food, beverage, meat and poultry processing plants. This premium quality hose is capable of handling hot water up to 300°F. A chemically resistant hose with a wrapped cover construction designed to provide excellent resistance to cuts and abrasion while providing handling stability. Meets 3-A standards and USDA requirements, and is FDA compliant.

- Compliance: USDA Class III, FDA CFR Title 21 177.2600, 3-A 18-03.
- Tube: White FDA, 3-A, EPDM.
- Reinforcement: Spiral-plied synthetic fabric 4 plies.
- Cover: White EPDM wrapped finish.
- Temperature: -40° TO 300°F.
- Lengths: 1 Foot to 100 feet.
- Fittings: Factory installed SL Permanent Crimp.

Note: Working pressure ratings for are based on 70° F (ambient temperature). Working pressure and vacuum ratings will decrease as temperatures increase. For applications that exceed 200° F contact our hose product specialist for recommendations.

Description	ID	OD	Working Pressure	Unit	Stock #	PRICE
Food grade, White	3/4″	1.25″	350 psi	FT	113-2275	$9.70

Premium Food Grade Washdown Hose Assembly

Standard length hose assemblies with 3/4″MNPT x 1/2″MNPT stainless steel swivel connections.

Description	Unit	Stock #	PRICE
25 ft	EA	113-2225	$427.40
50 ft	EA	113-2250	$650.20

Sani-Wash™ 300 Washdown Hose

The most economical hose for hot water washdown in food processing plants, dairies, packing houses, bottling plants, breweries, canneries and creameries. Textile braid reinforced. Handles temperature range from -40° to 200°F, weather and ozone resistant cover.

ID	OD	Max. Temperature	Max. Working Pressure	Cover	Tube	Unit	Stock #	PRICE
¾″	1¹¹⁄₆₄″	210°F	300 psi	White EPDM	Black EPDM	FT	260-2420	$2.12

Sani-Wash™ Plus Washdown Hose

What feature of the Sani-Wash Plus Washdown Hose will you enjoy better than its high quality? Maybe its superior wear characteristics. Maybe its extremely economical price. Whichever your choice, there's simply no denying it: this cleanup hose is your best value. Whether in food processing plants, dairies, packing houses, bottling plants, breweries, canneries or creameries, the excellent resistance to oil and fat combined with its flexibility makes it the smart choice in washdown hoses. For hot water service, do not exceed 210°F. Tube is black nitrile synthetic rubber and has two synthetic spiral cord plies for reinforcement. Available with or without permanently crimped on couplers. White nitrile/PVC synthetic rubber cover. Non-FDA. 500′ nominal reel, sold by the foot.

ID	OD	Max. Temperature	Max. Working Pressure	Cover	Tube	Unit	Stock #	PRICE
¾″	1³⁄₁₆″	210°F	300 psi	White NBR/PVC	Black NBR	FT	260-2400	$2.89
½″	²⁹⁄₃₂″	210°F	300 psi	White NBR/PVC	Black NBR	FT	260-2405	$2.04
1″	1½″	210°F	275 psi	White NBR/PVC	Black NBR	FT	260-2410	$3.95

Call Customer Service at 800-826-8302

WASHDOWN HOSES

WILDCATTER™ Washdown Hose

This is a premium grade washdown hose designed with a rugged, yet flexible construction for ease of handling. Wildcatter's wrapped ply, white neoprene cover offers excellent resistance to animal fat, oil and abrasion. Two plies of synthetic cord for reinforcement. Available with or without permanently crimped-on couplers. Other sizes available; consult our hose product specialists.

Length	ID	OD	Max. Temperature	Max. Working Pressure	Cover	Tube	Unit	Stock #	PRICE
50' roll	¾"	1¼"	210°F	150 psi	White neo-prene	White SBR	RL	160-2550	$363.93
100' roll	¾"	1¼"	210°F	150 psi	White neo-prene	White SBR	RL	160-2599	$714.84

GRIZZLY™ Washdown Hose

Wherever you need a heavy-duty multi-purpose hose, the Grizzly with its 4-ply construction is the hose to choose. The 4-ply spiral reinforcement combines the toughness of a much higher-priced hose with extraordinary flexibility. Its modified NBR/PVC cover compound makes this hose extremely abrasion and oil resistant. Black nitrile tube with yellow cover. Flame resistant and non-conductive. For best price, order 400' (nominal) reel. Reel length ±50', max. 2 pieces, 50' min. length. We will cut lengths to order. Available with or without permanently crimped-on couplers.

ID	OD	Max. Temperature	Max. Working Pressure	Cover	Tube	Unit	Stock #	PRICE
¾"	1³⁄₁₆"	212°F	500 psi	Yellow NBR/PVC	Black NBR	FT	160-2205	$4.83

Multi-Purpose Hose - Red

This is a great all-around maintenance applications hose at an economical price. Can be used for air, water or mild chemical discharge applications. The non-marring red EPDM cover is abrasion resistant and the two spiral polyester yarn reinforcements wrapped around a black EPDM tube makes this hose strong yet extremely flexible. Temperature range: -40°F to 212°F. Maximum temperature: 212°F. Working pressure: 200 psi. Cover and tube EPDM. Options: Working pressures to 300 psi also available by special order.

ID	OD	Pkg	Unit	Stock #	PRICE
¼"	½"	800'/rl	FT	159-2025	$0.74
½"	¹³⁄₁₆"	550'/rl	FT	159-2050	$1.16
⅝"	³¹⁄₃₂"	450'/rl	FT	159-2063	$1.47
¾"	1⁵⁄₃₂"	400'/rl	FT	159-2075	$1.68
1"	1⁷⁄₁₆"	300'/rl	FT	159-2100	$2.94

Fortress™ Washdown Hose with Microban®

Fortress hose has incorporated Microban's antimicrobial protection into the cover adding one more layer of protection against cross-contamination. Add in the super abrasion and oil resistant qualities and this hose becomes the number one choice of washdown hose for food and beverage processing plants. Available with or without permanently crimped-on couplers. Nominal 500' roll (max 3 pcs, 50' increments).

- 300 psi has spiral synthetic yarn reinforcement.
- 1000 psi has braided synthetic yarn reinforcement.

ID	OD	Max. Temperature	Max. Working Pressure	Cover	Tube	Unit	Stock #	PRICE
¾"	1⅕"	210°F	300 psi	Yellow Cabryn™	Black nitrile	FT	260-2503	$4.03
¾"	1⅕"	210°F	1000 psi	Yellow Cabryn™	Black nitrile	FT	260-2570	$5.94
½"	¾"	210°F	300 psi	Yellow Cabryn™	Black nitrile	FT	260-2502	$2.97
¾"	1⅕"	210°F	300 psi	Blue Cabryn™	White FDA compliant	FT	260-2511	$4.30

Prices subject to change.

Plicord Washdown Hose with Built-in Nozzle

Plicord 3/4″ ID washdown hose is a quality water discharge hose for industrial operations. Spiral plied synthetic fabric reinforcement and a built-in nozzle (tapered end). Temperature range from -25°F to 200°F. Non-FDA. 50′ roll.

ID	OD	Max. Temperature	Max. Working Pressure	Cover	Tube	Unit	Stock #	PRICE
¾″	1¹¹⁄₆₄″	200°F	150 psi	White SBR	Black SBR	RL	260-2431	$372.10

STINGER™ II High Pressure Washdown Hose

Specially designed with an extra-tough cover of yellow NBR/PVC. The Stinger II high pressure washdown hose offers excellent animal fat, oil, and abrasion resistance in tough food and dairy plant environments. The wire braid reinforcement withstands pressures to 1000 psi, yet this hose is very flexible, lightweight and easy to handle. Other sizes available; please consult our hose product specialists.

Length	ID	OD	Max. Temperature	Max. Working Pressure	Cover	Tube	Unit	Stock #	PRICE
50′ roll	¾"	1.043"	212°F	1000 psi	Yellow NBR/PVC	Black Nitrile	RL	160-2450	$164.85
100′ roll	¾"	1.043"	212°F	1000 psi	Yellow NBR/PVC	Black Nitrile	RL	160-2499	$344.74

Milkhouse Washup Hose

High quality EPDM hose designed for milkhouse washup with or without a sanitizer. Each hose has male and female brass garden hose thread fittings. The black EPDM tube and cover resists mild chemicals, hot water and milkfat without cracking. The 4-spiral braid reinforcement withstands pressures to 300 psi. Can also be used as a multi-purpose (water or mild chemical) hose in plants. 1/2″ ID, with MxF GHT couplers.

Length	Unit	Stock #	PRICE
10′	EA	588-6245	$23.54
12′	EA	588-6248	$26.97
15′	EA	588-6250	$29.86
20′	EA	588-6265	$41.61
25′	EA	588-6270	$49.90
50′	EA	588-6280	$97.71

Neptune™ Pressure Washer Hoses

These pressure washer hoses are designed for use on pressure washer machines with working pressures up to 3000 psi. Braided steel wire reinforcement. Available in blue or black oil resistant synthetic rubber cover. 3/8″ ID x 50′ long with male x male swivel crimped on couplers. Handles temperature range from -20°F to 200°F. Black nitrile tube. Sold as 50 foot assembly.

ID	OD	Max. Temperature	Max. Working Pressure	Cover	Unit	Stock #	PRICE
⅜″	¹¹⁄₁₆″	200°F	3000 psi	Black synthetic rubber	EA	260-2102	$158.98
⅜″	¹¹⁄₁₆″	200°F	3000 psi	Blue synthetic rubber	EA	260-2104	$174.94

Call Customer Service at 800-826-8302

STEAM HOSES & ACCESSORIES

Red Steam Hose Assembly

Steam hose assemblies stand up to the harshest environments. Specially formulated EPDM cover will not harden or crack during normal service. Steel braid reinforcement provides safe use with steam pressure up to 250 PSI and 430°F. Chlorobutyl lining will not blister. Complete assemblies have crimped 3/4″ Male NPT non-swivel fittings on both ends. Other lengths and fittings available.

Assembly Length	I.D.	O.D.	Max Temp	Working Pressure	Unit	Stock #	PRICE
25′	¾″	1¼″	430°	250 PSI	EA	113-2725	$237.60
50′	¾″	1¼″	430°	250 PSI	EA	113-2750	$408.90

Plicord Steam Hose

Perhaps the finest full steam hose available for food and dairy plants. Super lightweight and extremely flexible for a double wire reinforced hose. Plicord is built to withstand high pressure saturated steam service (250 psi at 406°F). Double wire braid offers maximum strength and can be used as a static conductor. Attractive wrapped ply. Red with yellow stripe. EPDM cover resists oil, fat, and abrasion. Black EPDM tube. Use with 2-bolt couplers. Will cut 200′ roll in 25′ increments only.

Length	ID	OD	Max. Temperature	Max. Working Pressure	Unit	Stock #	PRICE
200′ roll	¾″	1¼″	425°F	250 psi	FT	260-2000	$9.47
50′ roll	¾″	1¼″	425°F	250 psi	RL	260-2050	$415.25
100′ roll	¾″	1¼″	425°F	250 psi	RL	260-2099	$815.27

2-Bolt Clamp-Type Hose Couplers

Heavy-duty two-piece couplers are recommended for washdown or low pressure steam applications. Flanged hose end fits 3/4″ ID hose with either 1/2″ or 3/4″ male NPT threads. Note: One barb end and one clamp required for complete coupler. Plated malleable iron. Options: Also available by special order: brass and stainless steel; ID hose sizes 1/4″ to 3″.

Description	Unit	Stock #	PRICE
2-Bolt clamp only, fits 1³⁄₁₆" to 1⁵⁄₁₆" OD hose	EA	015-2014	$11.04
¾" Barb x ½" NPT	EA	015-2012	$15.71
¾" Barb x ¾" NPT	EA	015-2013	$10.55

Economy Steam Silencer Heater

Lightweight and economical. Steam connection is 3/4″ male NPT. Stainless steel. 6″ overall length.

Unit	Stock #	PRICE
EA	588-1601	$165.88

Watson-McDaniel Cast Iron Suction Tees

These tees mix steam and water noiselessly. Also use to agitate a liquid while heating to a desired temperature. Threaded connections. 125 lb steam line capacity.

Size	Unit	Stock #	PRICE
½"	EA	729-1209	$102.01
¾"	EA	729-1210	$119.35
1″	EA	729-1211	$122.41
1¼"	EA	729-1212	$139.75

Prices subject to change.

HOSE COUPLERS

Permanently Installed Crimped-On Hose Couplers

No more bands! No more clamps! No more leaks! For the ultimate in safety, convenience and economy, have us permanently install these heavy-duty, hydraulic-style couplers on 3/4″ washdown hoses. Never again worry about hose ends blowing off or leaking. Allows you to attach hose to valves, mixers or nozzles without clamps or bands. Note: Swivel couplers swivel for installation purposes only (such as attaching to wall-mounted mixer units). They will not swivel under pressure. For full live swivel action, add a brass adapter (#015-2020) and a swivel adapter (#645-1634).
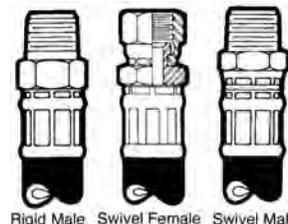
Description	Unit	Stock #	PRICE
¾" Rigid male NPT	EA	160-2950	$12.50
¾" Swivel female NPT	EA	160-2956	$32.45
¾" Swivel male NPT	EA	160-2953	$36.54
¾″ x ½″ rigid male NPTF	EA	160-2951	$15.02
½″ x ¾″ rigid male NPTF	EA	160-2952	$12.50

Rigid Male   Swivel Female   Swivel Male

Brass Adapters

Use these adapters to go from 3/4″ NPT to GHT connections. Lonn Water Saver or Pistol Grip Nozzle use #015-2020 to connect to 3/4″ male NPT fitting.

Description	Unit	Stock #	PRICE
¾" FNPT x MGHT	EA	015-2020	$6.45
¾" MNPT x FGHT	EA	015-2025	$9.24

Hose Menders

Repair hose by cutting out bad section and clamping hose mender in place. Plated steel. Other sizes also available.

Description	Unit	Stock #	PRICE
2" Hose mender	EA	480-2905	$12.05

Garden Hose Thread Couplers

3/4″ GHT long shank brass hose ends. Long shank accommodates two worm gear or band clamps. Female has swivel nut and washer.

Description	Unit	Stock #	PRICE
¾" Hose barb x female GHT	EA	015-2105	$9.23
¾" Hose barb x male GHT	EA	015-2100	$8.09
½″ Hose barb x female GHT	EA	015-2107	$7.84
½″ Hose barb x male GHT	EA	015-2102	$5.45

Worm Gear Hose Clamps

Economy screw-type or radiator-style hose clamps feature all stainless steel band and adjusting screw. Do not use with steam hose. Options: Other sizes available by special order.

Model	Size Range	Band Width	Unit	Stock #	PRICE
#12	11⁄16" to 1¼"	1/2″	EA	495-2005	$0.80
#20	¾" to 1¾"	9/16″	EA	495-2015	$1.12
#28	19⁄16" to 2½"	9/16″	EA	495-2020	$1.02
#36	7⁄8" to 2¾"	9/16″	EA	495-2030	$1.21
#40	1⅛" to 3"	9/16″	EA	495-2035	$1.38
#48	1⅝" to 3½"	9/16″	EA	495-2040	$1.44

Call Customer Service at 800-826-8302

HOSE COUPLERS

Cam and Groove Quick-Connect Couplers

Quick-connect couplers make assembly and disassembly of hose and pipe a snap. Simply insert a male adapter into a female coupler and snap the handles down for a tight, leakproof seal. Not generally considered a sanitary coupler. Sold individually. Also available in brass, polypropylene and nylon, and sizes from 3/4″ to 8.″

Part A Male Quick-Connect x Female NPT

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2005	$10.44
2.5″	EA	480-2006	$17.53
3″	EA	480-2007	$14.83
4″	EA	480-2008	$22.41
316 Stainless Steel			
2″	EA	480-7005	$30.12
2.5″	EA	480-7046	$53.56
3″	EA	480-7020	$53.80
4″	EA	480-7021	$110.10

Part B Female Quick-Connect x Male NPT

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2405	$18.12
3″	EA	480-2407	$32.34
4″	EA	480-2408	$42.44
316 Stainless Steel			
2″	EA	480-7022	$51.18
2.5″	EA	480-7023	$64.87
3″	EA	480-7024	$96.41
4″	EA	480-7025	$150.57

Part D Female Quick-Connect x Female NPT

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2205	$19.89
3″	EA	480-2207	$34.06
4″	EA	480-2208	$45.15
316 Stainless Steel			
2″	EA	480-7004	$58.33
2.5″	EA	480-7030	$79.75
3″	EA	480-7031	$99.98
4″	EA	480-7032	$158.31

Part C Female Quick-Connect x Male Hose Shank

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2105	$19.45
3″	EA	480-2107	$35.30
4″	EA	480-2108	$46.77
316 Stainless Steel			
2″	EA	480-7026	$58.33
2.5″	EA	480-7027	$75.58
3″	EA	480-7028	$107.12
4″	EA	480-7029	$178.54

Part E Male Quick-Connect x Male Shank

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2305	$10.58
3″	EA	480-2307	$20.58
4″	EA	480-2308	$31.94
316 Stainless Steel			
2″	EA	480-7033	$46.42
2.5″	EA	480-7034	$66.06
3″	EA	480-7035	$90.46
4″	EA	480-7036	$154.74

Part F Male Quick-Connect x Male NPT

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2904	$11.30
3″	EA	480-2907	$26.31
4″	EA	480-2908	$33.35
316 Stainless Steel			
2″	EA	480-7002	$47.61
2.5″	EA	480-7037	$73.79
3″	EA	480-7038	$90.46
4″	EA	480-7039	$166.05

Part DC Dust Cap (Protects Male Fitting)

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2505	$8.13
2½″	EA	480-2506	$30.05
3″	EA	480-2507	$29.40
4″	EA	480-2508	$35.36
316 Stainless Steel			
2″	EA	480-7040	$39.04
2.5″	EA	480-7041	$60.70
3″	EA	480-2606	$77.36
4″	EA	480-7042	$101.69

Part DP Dust Plug (Fits into Female)

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2605	$6.76
3″	EA	480-2607	$11.30
4″	EA	480-2608	$18.44
316 Stainless Steel			
2″	EA	480-7019	$30.36
2.5″	EA	480-7044	$43.45
3″	EA	480-7045	$47.61
4″	EA	480-7016	$91.65

Prices subject to change.

HOSE RACKS & REELS

Part HA Brass Replacement Handle Ring and Pin Assembly

Size	Unit	Stock #	PRICE
Aluminum			
2″	EA	480-2705	$8.61
3″	EA	480-2707	$9.62
4″	EA	480-2708	$9.62
316 Stainless Steel			
1.5-2.5″	EA	480-7047	$8.66
3″-5″	EA	480-7017	$11.05

Strahman Wall Mounted Hose Rack

When hose is required but no mixer is necessary, install this stainless steel hose rack on any conventional masonry wall. Metal anchors and instructions included.

Model	Description	Unit	Stock #	PRICE
HR-100	Holds 50′ of ¾″ ID	EA	645-1080	$112.76
HR-100L	Holds 100′ of ¾″ ID	EA	645-1083	$147.82

Stainless Steel Hose Racks

Hanging steam and water hose near the water supply saves in many ways: Saves time spent chasing hose end and hot water loss during that time, saves hose from bruises and cuts, and, saves accidents caused by falling over hose on the floor. Choice of models.

• Model 201A has heavy-duty stainless steel 6″H x 12″W back plate which fits flush against the wall.
• Model 201B has no back plate. This allows mounting on carts or other equipment.

Model	Description	Unit	Stock #	PRICE
201A	Rack w/back plate	EA	588-1070	$176.65
201B	Rack w/o back plate	EA	588-1071	$89.25

HOW TO ORDER Custom Hose Reels

1 **Product** to be handled.

2 **Temperature** and **Pressure** of product.

3 **ID, OD** and **Length** of hose.

4 **Position:** SR, VR or TR.

• **SR:** used in the upright position at any point from floor to eye level, on a wall with hose to be retracted close to the wall, or on the ceiling with hose payout parallel to and close to the ceiling.
• VR: used in the upright position and hose will be pulled upward from the reel, or on ceiling to lift hose, or on a wall with hose to be pulled straight out.
• TR: used on floor, or on ceiling with hose to payout parallel to the ceiling.

5 **Size** and **thread** of outlet.

6 **Color.**

7 **Hose stop** and other optional accessories.

8 Manufacturer **Model Number,** if known.
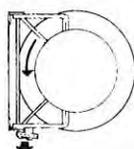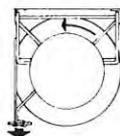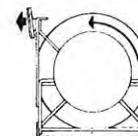
SR   **VR**   **TR**

Call Customer Service at 800-826-8302

HOSE REELS

Series 700 Stainless Automatic Hose Reel

Unsnarling your washdown hose can cause costly delays. Our automatic reel has a powerful spring to keep the hose right where you want it. Mounts almost anywhere: overhead, on the wall, in a cabinet. What's more, a hose reel eliminates a trip hazard and protects hose from excess wear and tear. These 700 series stainless steel reels handle smaller ID hoses with pressures up to 1000 psi. Standard 1/2" FNPT inlet and outlet. Handles temperatures from +20°F to 400°F. Please specify position SR, VR or TR when ordering and choosing a larger capacity reel than required will be easier to use and require less care. If you have a larger diameter hose, please use the 800 series reels.

Model	Hose Capacity ID 3/8" , OD 3/4"	Hose Capacity ID 1/2" , OD 7/8"	Reel Dimensions	Unit	Stock #	PRICE
SSN716-16-17-10.5J	35'	35'	18½"L x 13"D x 17"H	EA	295-1843	$803.00
SSN716-19-20-10.5J	50'	50'	20¾"L x 13"D x 20"H	EA	295-1842	$897.00
SSN7176-25-26-15.5B	75'	75'	25¼"L x 13"D x 26"H	EA	295-1840	$1,126.00
SSN718-25-26-15.5G	100'	100'	25¼"L x 15"D x 26"H	EA	295-1841	$1,146.00

Series 800 Automatic Hose Reel

Inlet and outlet thread: 1" female NPT. Can handle fluids from 20° to 400°F. Pressures to 1000 psi. Specify position SR, VR or TR when ordering. FOB factory. Where space allows, select a reel with greater capacity than needed. Less care will be needed to rewind the hose. Use of hose stop HS-45 is recommended.

Options: Higher temperature and pressure ratings. Other series include reels for air hose, welding hose or electric cable, portable reels, truck mount reels, electric reels. Virtually any application.

Model	Hose Capacity ID 3/4" , OD 1-9/32"	Hose Capacity ID 1" , OD 1-9/16"	Reel Dimensions	Wt	Unit	Stock #	PRICE
Gray Enamel Hose Reels							
N816-19-20-10.5J	25'	15'	20¾"L x 13"D x 20"H	110	EA	295-1814	$514.00
N816-23-24-10.5J	50'	25'	23¾"L x 15"D x 24"H	122	EA	295-1817	$548.00
N816-25-26-10.5B	60'	35'	25¼"L x 13"D x 26"H	131	EA	295-1821	$701.00
N818-25-26-10.5B	70'	50'	25¼"L x 15"D x 26"H	137	EA	295-1823	$701.00
820-25-26-10.5A	85'	75'	27"L x 18¼"D x 25⅞"H	166	EA	295-1826	$730.00
820-30-31-10.5A	-	100'	30½"L x 18¼"D x 31⅜"H	172	EA	295-1832	$901.00
Stainless Steel Hose Reels							
SSN816-19-20-10.5J	25'	15'	20¾"L x 14¼"D x 20"H	110	EA	295-7013	$1,043.00
SSN816-23-24-10.5J	50'	25'	23¾"L x 16¼"D x 24"H	122	EA	295-7014	$1,112.00
SSN816-25-26-10.5B	60'	35'	25¼"L x 14¼"D x 26"H	131	EA	295-1850	$1,263.00
SSN818-25-26-10.5B	70'	50'	25¼"L x 16¼"D x 26"H	137	EA	295-1853	$1,263.00
SSN820-30-31-105-10.5A	-	100'	30½"L x 19¼"D x 31⅜"H	172	EA	295-1856	$1,694.00

Hose Stops

Optional, but recommended. Two-piece molded plastic spheres, easily assembled. #295-1049 is custom drilled to fit hose size you specify.

Model	Description	OD	Unit	Stock #	PRICE
Predrilled HS-45	Hose stop for 1¼" OD hose	4½"	EA	295-1050	$25.20
Custom drilled HS-45	Hose stop, specify hose OD	4½"	EA	295-1049	$25.20
Predrilled HS-35	Hose stop, fits Strahman hoses	3½"	EA	295-1061	$16.80

Prices subject to change.

INSECT-O-CUTOR

Safeguard Your Plant Against Insect Contamination

Round-The-Clock Protection

A food processing environment free of flying insects is not only desirable...but is mandatory in facilities under USDA, FDA and other governmental jurisdiction. It makes good sense, too, since bacteria-laden flying insects are a major source of product contamination that can be easily eliminated.

The original Insect-O-Cutor insect elimination device provides round-the-clock protection to safeguard your plant against unsanitary insect infestation. It reduces the need for aerosol chemicals and saves on labor costs. It's automatic, safe, sanitary, economical to operate and most of all...highly effective. Let us prove it to you!

Putting Some Light on the Subject

Lamps to attract insects are the heart of any insect electrocutor. Nobody knows exactly why, but invisible black light, UV at 357 nm, attracts flying insects. And, although visible light attracts, too much will repel certain insects. So, at the heart of Insect-O-Cutor is an exclusive design that produces maximum black light emission, yet reduces light in the visible spectrum by 40%. It creates a panel of light that is totally irresistible to flying insects.

Here's how it works. Every Insect-O-Cutor uses two lamps: one BLB (filtered) and one BL (unfiltered). They produce a balanced combination of filtered black light (BLB) and unfiltered black light (BL) to lure the widest variety of insects. The combination of lamps can increase insect attraction by 15%!

Because black light is the key, Insect-O-Cutors have UHC™ (Ultra Hi Current) circuitry that overdrives the lamps to increase black light output, without shortening lamp life. In addition, all Insect-O-Cutor lamps are pre-tested for maximum black light emission. They're better than the average UV lamp.

Tailor-Made System Design

An Insect-O-Cutor insect system can provide up to 98% flying insect elimination. Your plant may need only a single unit or a series of specially selected models. A properly designed system incorporates three zones of defense against flying insects:

- Zone 1: Units located near major entry-ways intercept insects before they advance farther into the building. This is the most important line of defense.
- Zone 2: Units positioned farther into the building support the initial line of defense.
- Zone 3: Units located in the innermost parts of the facility eliminate any insects that have penetrated to your most vital areas.

We'll design an insect control system for you free-of-charge. A rough sketch or blueprint of your facility is all our sales personnel and product specialists need. If necessary, the Insect-O-Cutor systems design engineer participates to assure that your system provides maximum insect control. Just call 800/826-8302 and ask for our Insect-O-Cutor product specialists.

Design and Construction Features

- Simplified Maintenance. Changing lamps or parts can be done in a matter of minutes right on site.
- Individual Lamp Circuitry keeps one lamp on even if the other fails.
- Seven Year Limited Guarantee ensures your complete satisfaction and confidence.
  (3-year on Glueboard Models)
- Government Compliance. Meets USDA and FDA requirements. Tested and approved by ETL and CSA.
- Wide Variety of Models...hanging style, wall mounts, portables, outdoor units, low headrooms. A design for every situation. Call for full line brochure featuring models not shown here.
- Available in Stainless Steel or Alumizied Steel Construction with stain matte finish which resists corrosion. Perfect for humid dairy and food conditions.
- Rigid Killing Grid prevents short circuiting and is virtually indestructible. Automatically self cleans.

Call Customer Service at 800-826-8302

INSECT & PEST CONTROL

Energy Efficient Guardian® Model Series

The Guardian model series, which include Glueboard and Scatterproof units, has been tested by the USDA under stringent conditions and determined to be scatter-free. Equipped with energy efficient lamps and ballasts. The FDA has granted these designs an exception to the minimum safe-distance limitation (known as the five-foot rule) from open foods and food handling areas. However, keep in mind that you should never place any insect control unit directly over open foods or food preparation areas.

Energy Efficient Guardian® Wall Mount Units

The Guardian glueboard black light fly trap is a completely noiseless flying insect containment system. Both models meet USDA and FDA guidelines for use in open food processing areas where other devices are not allowed. Insects are attracted to the unit by UV light where they become disoriented and adhere to the sticky glueboard within. 3-prong cord, 120V, 60 Hz. 3-year warranty. Replacement glueboards are #343-6604 (4/pack) or #343-6412 (12/pack).

Model	Lamps	Size	Finish	Unit	Stock #	PRICE
GB18	18"BL	18¼"W x 5¼"H x 5¼"D	Galvanized steel	EA	343-6320	$318.80
GB36	36" BL	36¼"W x 5¼"H x 5¼"D	Galvanized steel	EA	343-6335	$420.55

Energy Efficient Guardian® Glueboard Hanging Units

Attract, capture and contain flying insects with this economical hanging stainless steel fly trap. Position the attraction lamp to be directly visible to the insect's flight path. The light lures the insect, while the glueboard captures and contains it. Capture is silent and invisible. Features open top and base for light emission. Sticky trap glueboards and black lights are included. 120V. 3-year warranty. Replacement glue boards are #343-6604 (4/pack) or #343-6412 (12/pack).

Model	Lamps	Size	Finish	Unit	Stock #	PRICE
GBH362S	(2) 36"BL	36¼"W x 4¾"H x 10¾"D	Stainless steel	EA	343-6340	$637.09

Energy Efficient Guardian® Portable Glueboard Units

Here's a portable model that works like the standard Glueboard units with one big difference — it can be moved from area to area. These stainless steel units are equipped with energy efficient ballasts, two black light lamps, chrome-plated safety guards, carrying handles and a three-wire cord with plug. Sticky trap glueboards and black lights are included. Free standing or wall mountable. 120V. 3-year warranty. Replacement glueboards are #343-6605 (4/pack) or #343-6512 (12/pack).

Model	Lamps	Size	Finish	Unit	Stock #	PRICE
GBP182S	(2) 18" BL	21½"W x 9½'H x 5¼"D	Stainless steel	EA	343-6318	$624.04
GBP242	(2) 24" BL	27½"W x 9½"H x 5¼"D	Stainless steel	EA	343-6324	$682.99
GBP362S	(2) 36" BL	39½"W x 9½"H x 5¼"D	Stainless steel	EA	343-6337	$765.61
GBP482S	(2) 48" BL	51½"W x 9½"H x 5¼"D	Stainless steel	EA	343-6328	$903.31

Replacement Glueboards

Model	Size	Pkg	Unit	Stock #	PRICE
GB4	4"W x 17"L	4/pk	PK	343-6604	$18.35
GB4-12	4"W x 17"L	12/pk	PK	343-6412	$27.53
GB5	5"W x 22"L	4/pk	PK	343-6605	$22.02
GB5-12	5"W x 22"L	12/pk	PK	343-6512	$36.71

Energy Efficient Guardian® Electronic Scatterproof Units

Don't let the lightweight, compact design of these insect electrocutors fool you — these heavy-duty electronic models are ideal for use in proximity to open food processing areas. The escape-proof features prevent scatter and fallout of dead insects. Use as free standing or wall mount for convenient installation. Carrying handle aids in portability and a safety interrupt switch automatically shuts off power to the unit when the guard is opened. Black light lamps are included. Aluminized steel finish. 120V. 7-year warranty.

Model	Lamps	Size	Finish	Unit	Stock #	PRICE
1894EDGA	18"BL/18"BLB	22.9"W x 12½"H x 5½"D	Aluminized steel	EA	343-6392	$705.94
1894EDGS	18"BL/18"BLB	22.9"W x 12½"H x 5½"D	Stainless steel	EA	343-6351	$953.80
2599EDGA	24"BL/24"BLB	28.9"W x 12½"H x 5½"D	Aluminized steel	EA	343-6370	$770.20
2599EDGS	24"BL/24"BLB	28.9"W x 12½"H x 5½"D	Stainless steel	EA	343-6353	$1,073.14

Prices subject to change.

INSECT & PEST CONTROL

Energy Efficient Ceiling Mount Units

These time-proven favorites are primarily designed to protect entry door areas. Units achieve the highest degree of flying insect attraction because of their wide-area black light exposure from both front and back. Use 29″ models to protect single entry doors and areas of low density flying insect populations. Use 42″ models to protect 6′ wide doors. Also use if insect populations are high enough to be readily observable. 53″ models protect truck doors and trash and garbage areas. Use anywhere with high levels of competing light or where maximum insect elimination is required. 110 to 120V. Units are available with removable collection trays or slide out drawers.

Energy Efficient Ceiling-Mounted Tray Units

These insect electrocutors feature an extra-large plastic insect collection tray that virtually eliminates potential carcass fall-out and quickly detaches for ease of dumping. Must be installed at least 8′6″ from floor unless equipped with safety guards, available by special order. Options: 220V, 50/60 Hz available.

Model	Lamps	Size	Finish	Unit	Stock #	PRICE
399ET	24″B/24″BLB	29″W x 27″H x 24″D	Aluminized steel	EA	343-6132	$1,169.53
399ETS	24″B/24″BLB	29″W x 27″H x 24″D	Stainless steel	EA	343-6151	$1,518.37
494ET	36″B/36″BLB	42″W x 27″H x 24″D	Aluminized steel	EA	343-6142	$1,334.77
494ETS	36″B/36″BLB	42″W x 27″H x 24″D	Stainless steel	EA	343-6153	$1,674.43
599ET	48″B/48″BLB	53″W x 27″H x 24″D	Aluminized steel	EA	343-6155	$1,555.09
599ETS	48″B/48″BLB	53″W x 27″H x 24″D	Stainless steel	EA	343-6157	$1,913.11

Energy Efficient Ceiling Models with Drawer

These models feature insect collection drawers that slide out for convenient carcass disposal. Safety guards included as standard. Options: 220V, 50/60 Hz available.

Model	Lamps	Size	Finish	Unit	Stock #	PRICE
399EDGA	24″BL/24″BLB	26″W x 23″H x 6¼″D	Aluminized steel	EA	343-6006	$1,073.14
399EDGS	24″BL/24″BLB	26″W x 23″H x 6¼″D	Stainless steel	EA	343-6003	$1,376.08
494EDGA	36″BL/36″BLB	38″W x 23″H x 6¼″D	Aluminized steel	EA	343-6008	$1,311.82
494EDGS	36″BL/36″BLB	38″W x 23″H x 6¼″D	Stainless steel	EA	343-6009	$1,697.38
599EDGA	48″BL/48″BLB	50″W x 23″H x 6¼″D	Aluminized steel	EA	343-6011	$1,449.52
599EDGS	48″BL/48″BLB	50″W x 23″H x 6¼″D	Stainless steel	EA	343-6012	$1,945.24

Energy Efficient Vertical Wall Mount Units

Use wall mounted Insect-O-Cutor® insect electrocutor units in low ceiling areas or where low-flying insects (day fliers) are predominate. Rust-proof aluminum collection drawers simply slide out for convenient carcass disposal. Sturdy reflective safety guards allow maximum direct and reflective visibility of black light. 110 to 120V.

Model	Lamps	Size	Finish	Unit	Stock #	PRICE
994EDGA	18″BL/18″BLB	13¼″W x 27″H x 5¼″D	Aluminized steel	EA	343-6026	$761.02
994EDGS	18″BL/18″BLB	13¼″W x 27″H x 5¼″D	Stainless steel	EA	343-6051	$1,096.09
6199EDGA	24″BL/24″BLB	16¼″W x 36″H x 7¼″D	Aluminized steel	EA	343-6028	$935.44
6199EDGS	24″BL/24″BLB	13¼″W x 36″H x 7¼″D	Stainless steel	EA	343-6052	$1,298.05
1199EDGA	48″BL/48″BLB	16¼″W x 60″H x 7¼″D	Aluminized steel	EA	343-6029	$1,210.84
1199EDGS	48″BL/48″BLB	16¼″W x 60″H x 7¼″D	Stainless steel	EA	343-6054	$1,867.21
7194EDGA	36″BL (2)/36″BLB	16″W x 45¼″H x 5¼″D	Aluminized steel	EA	343-6024	$1,045.60
7194EDGS	36″BL (2)/36″BLB	16″W x 45¼″H x 5¼″D	Stainless steel	EA	343-6053	$1,417.39

Energy Efficient Horizontal "Low-Headroom" Units

With an overall height from top to bottom of only 12″, these versatile insect electrocutor units are ideal for use in any area with low ceilings or where vertical wall surface is at a premium. Equipped so that they may be hung from the ceiling or affixed to a wall. The 31″ model also includes a convenient carrying handle and foot pegs to make it portable. Perfect for providing temporary flying insect protection in problem areas. Can also serve as a monitor to analyze flying insect populations and to gauge the effectiveness of your entire electrocutor system. 110 to 120V.

Model	Lamps	Size	Finish	Unit	Stock #	PRICE
2499EDGA	24″B/24″BLB	31½″W x 12″H x 8¼″D	Aluminized steel	EA	343-6232	$857.41
2499EDGS	24″B/24″BLB	31½″W x 12″H x 8¼″D	Stainless steel	EA	343-6256	$1,164.94
3694EDGA	36″B/36″BLB	43⅛″W x 12″H x 8¼″D	Aluminized steel	EA	343-6241	$1,022.65
3694EDGS	36″B/36″BLB	43½″W x 12″H x 8¼″D	Stainless steel	EA	343-6257	$1,339.36
4899EDGA	48″B/48″BLB	55½″W x 12″H x 8¼″D	Aluminized steel	EA	343-6251	$1,233.79
4899EDGS	48″B/48″BLB	55½″W x 12″H x 8¼″D	Stainless steel	EA	343-6258	$1,559.68

Call Customer Service at 800-826-8302

INSECT & PEST CONTROL

Why Use Electrocuters?

- Insect carcasses are collected for disposal. Insects are not allowed to drop wherever and whenever an insecticide happens to take effect.
- While they do not eliminate the need for insecticides in the entire plant, electrocuters cut down on the overall use of insecticides.
- Cost of operating electrocuters is low, especially with the new energy efficient units.
- By inspecting the number and variety of insects collected, quality assurance personnel can monitor the overall effectiveness of the plant insect control program.
- Electrocuters can operate continuously, even during processing operations. Insecticide fogging, on the other hand, requires shutdown of food operations. And insects treated with toxic chemicals during fogging can survive long enough to die and fall into a food product later, when operations resume.

Your Lamps May Be Lit…But Are They Working?

Fact #1: Black light (UV) lamps lose their effectiveness to attrract insects long before the lamp burns out. You just can't see it! In fact, all lamps should be replaced after 6 to 9 months' service. Most users do this in the spring. All bulbs are year/date labeled to aid in yearly change outs.

Fact #2: Not all UV lamps are equal. Some brands have far less black light output at the frequency (357 nm) known to attract flying insects. Insect-O-Cutor lamps are certified for high output…up to 40% more than some brands…which results in better insect kill.

Safety-Coated Black Light Lamps

Now you can use insect electrocutors near processing lines without the danger of broken glass getting into product or injuring personnel. Shat-R-Shield has developed another first in fluorescent lamp safety with a specially formulated coating for black lights. This unique new coating allows the critical ultraviolet wavelengths to penetrate and attract flying insects while special UV stabilizers prevent degradation. In case of accidental breakage, the coating will contain all the glass, phosphors and mercury. No need to remove your insect electrocutor while replacing lamps. Each lamp has a date label to monitor routine relamping. USDA accepted. Meets FDA and OSHA standards and are NSF certified.

Mfg Part #	Model	Description	Pkg	Unit	Stock #	PRICE
F15T8/BL	17192S	18" Unfiltered	6/ca	EA	601-2239	$29.87
F15T8/BLBSC	18SBLB	18" Filtered	6/ca	EA	601-2219	$41.93
F20T12/BL/SC	24SBL	24" Unfiltered	15/ca	EA	601-2224	$17.49
F30T8/BLB/SC	36SBLB	36" Filtered	6/ca	EA	601-2237	$82.61
F40T12/BL/SC	48SBL	48" Unfiltered	15/ca	EA	601-2248	$22.34
F40T12/BLB/SC	48SBLB	48" Filtered	15/ca	EA	601-2249	$33.54

Black Light Lamps

There is a difference in black light (UV) lamps. Insect-O-Cutor's lamps are pre-tested for high output. Off-the-shelf black lamps can vary by as much as 40% in the UV range needed to attract insects. They aren't considered defective for other purposes, but you should avoid using them in your bug killer. Starting with a high output lamp is always worth the effort, because all UV lamps lose effectiveness long before they burn out. In fact, useful life for attracting insects is about 9 months. Many of our customers relamp every spring, prior to the heavy insect season. For this reason, each lamp is conveniently labeled with a date. Use in all brands of electrocutors. For best results, choose one filtered and one unfiltered bulb for units that use two bulbs.

Model	Lamp No.	Description	Pkg	Unit	Stock #	PRICE
18BL	F15T8/350BL	18" Unfiltered	6/ca	EA	343-6405	$25.45
18BLB	F15T8/BLB	18" Filtered	6/ca	EA	343-6408	$45.73
24BL	F20T12/350BL	24" Unfiltered	6/ca	EA	343-6415	$25.45
24BLB	F20T12/BLB	24" Filtered	6/ca	EA	343-6418	$63.90
36BL	F30T8/350BL	36" Unfilterd	6/ca	EA	343-6425	$30.48
36BLB	F30T8/BLB	36" Filterd	6/ca	EA	343-6428	$105.40
48BL	F40/350BL	48" Unfiltered	6/ca	EA	343-6435	$34.06
48BLB	F40/BLB	48" Filtered	6/ca	EA	343-6438	$90.95

Prices subject to change.

INSECT & PEST CONTROL

Insect Barrier Doors

Achieve fresh air flow in your plant without letting in insects, birds and pests. These industrial-grade, nylon mesh screen doors are availalbe for large or small openings. Easy for personnel to open and close, they're available with either roll-up or sliding style manual mechanisms. Install them at loading docks, boiler rooms, evaporator areas or warehouses … wherever heat build-up is a problem or air circulation is inadequate. High-strength, vinyl-coated polyester weave mesh is treated to resist mildew, rot and extinguishing, fire-retardant material conforms to the California State Fire Marshal's Code. Bottom seal provides positive floor contact. Steel lock-down pin assembly keeps door in place. Royal blue with safety orange reinforcements.

- Roll up model features spring-loaded galvanized steel roller tube and side channel guides. Foam-filled vinyl bottom draft seal fits snugly against floor. Mounting options include: under lintel, face-mount, or inside overhead door stand-off. For openings up to 10' x 10'.
- Sliding model is for larger doorways. It utilizes ball-bearing steel-wheeled trolleys in a galvanized steel track. Tear-resistant vinyl sweep contacts floor. For openings up to 15' x 15'.

Call our equipment product specialists at 800/826-8302 for a quote and ordering details.

PROZAP® LD-44Z Aerosol Insecticide

Authorized for use in dairy, beef and other livestock operations. This professional strength insecticide features synthetic pyrethrins for maximum killing power. Proven formula kills all common flies, mosquitoes and gnats. 25-oz can, 6/case.

Unit	Stock #	PRICE
CA	357-6247	$83.08

Stick-Em™ Rodent Traps

Stick-Em catches rodents without the dangers of spring traps or uncertainty of box traps. These 5″ x 7″ plastic trays contain special nondrying, non-flowing glue with amazing holding power. Rodents won't die in walls or sensitive equipment. 2/pack.

Unit	Stock #	PRICE
PK	202-6010	$2.82

420 Repeater™ Multiple Catch Mouse Trap with Solid Lid

Designed to be low profile and catch up to 30 live mice without poisons or bait. The enclosed system has a clear lid for easy inspection, emptying or cleaning. Made of galvanized steel. Includes service logs.

Unit	Stock #	PRICE
EA	202-6011	$10.08

423 Little Pete® Slim Multiple Catch Mouse Trap with Solid Lid

Catch up to 10 live mice without the use of baits or poisons with this slim line unit. Fits perfectly in tight spots, and is great for high traffic areas. Remains out of view and out of the way of foot traffic when used under shelving. Safety folded edges reduce cut fingers when emptying traps. Includes service logs.

Unit	Stock #	PRICE
EA	202-6012	$6.38

Golden Malrin Fly Bait

Scatter sugar bait on ground or in areas where flies congregate. CAUTION: Not to be used near food, kitchen or processing rooms. Hazardous to humans and animals. EPA registered. 5 lb/can; 6/case.

Unit	Stock #	PRICE
CN	498-6145	$27.32

Spiderweb™ Fly Glue Trap

Positively the most effective and economical fly catching product available. Spiderweb combines a premium glue formula with a highly attractive and universally tested fluorescent chartreuse color. This has been proven to attract flying insects better than any other color combination. A food bait as well as a sex attractant is added to make the Spiderweb even more effective. The trap is a 23' x 12″ roll with double sided glue surfaces. Pull out in increments of 6 to 8 feet and place horizontally over areas of high fly density where livestock are housed. When the exposed area is full of flies, simply roll up and pull out a fresh new surface or replace the trap. The Spiderweb comes complete with everything that is needed to hang traps including string and metal hooks. 12 rolls/case.

Unit	Stock #	PRICE
CA	106-6500	$169.74

Call Customer Service at 800-826-8302

INSECT & PEST CONTROL

BLAK-RAY® Detection Lamps

Black light is one of a sanitarian's best weapons to detect milkstone deposits in tanks, tankers and equipment. Also use to detect aflatoxins, spoilage or rodent contamination. Long wave UV light (365 nm) fluoresces extremely fine particles and surface defects normally invisible to the human eye. BLAK-RAY lamps are well-engineered to be convenient and reliable. UL listed.

Model ML-49

Model ML-49 is a portable 12-volt battery-operated long wave UV black light. Strong, lightweight durable housing. Requires two 6V batteries (not included). Not as powerful as the Model B-100 AP but its portability makes it ideal for hundreds of applications.

Model	Description	Unit	Stock #	PRICE
ML-49	Battery operated UV lamp	EA	694-2010	$288.65
Replacement Parts				
	6 Watt blacklight tube	EA	694-2012	$35.89
	6V Battery	EA	192-2125	$3.82

Model B100AP

Model B-100AP is a cool-running, high-intensity, 100-watt long wave inspection lamp. The bulb, coupled with a special UV filter, makes it capable of fluorescing the back of a 6000 gallon holding tank from the entrance port. 8' extension cord to detach head from base. 8' wall cord included.

Model	Description	Unit	Stock #	PRICE
B-100AP	Electric UV lamp, 115V	EA	694-2100	$748.45
Replacment Parts				
	Spot bulb for unit mfg'd after 7/1/03	EA	694-2107	$105.90
	UV filter (lens)	EA	694-2110	$61.18

JETLITE High Intensity Inspection Light

High intensity, low voltage inspection light that delivers 55,000 candlepower direct to the task with negligible glare or shadow. Tough but lightweight molded housing. No exposed metal. 120V/6V transformer. 30W. 5" diameter head. Includes: 5' primary cord (transformer to plug) and 50' cord (transformer to light bulb).

Model	Description	Unit	Stock #	PRICE
2127-1	Portable Jetlite	EA	620-2000	$388.62
4515	Replacement bulb	EA	620-2100	$33.28

Prices subject to change.

FOAMERS

FOAM iT™ Rotomold Portable Tank Foamers

From gooey animal fat to baked on bread dough - the FOAM-iT chemical cleaning system will breakdown residues so they easily rinse away. The system applies a thick, soaking chemical foam which works away at stubborn soils. Foam adheres well to both vertical and horizontal surfaces, activating soil for easy removal. Simply rinse to finish the job. Unlike high pressure sprayers, our foam system will not force cleaning solutions into sensitive areas where chemical contact could cause equipment malfunction.

These units draw from pre-mixed solution using compressed air. Foamer includes pickup and discharge hoses, a 7" stainless steel wand with zero tip and ball valve, in-line strainer and two 10" non-marking wheels. Features include universal hinged back plate giving you tool-free access to components , a quick-change pump, user friendly front facing drain and integrated hose wrap. Optional colored lids are available to assist with chemical identification or other color code programs utilized in your facility.

Model #	Capacity	Seals	Foam Volume	Foam Projection	Hose	Air Requirement	Unit	Stock #	PRICE
FI-5N	5-gal	Santoprene	15-30 gpm	15-20 ft	1/2" x 20'	40-80 psi with 3.5-8 cfm	EA	341-5006	$1,020.30
FI-5NV	5-gal	Viton	15-30 gpm	15-20 ft	1/2" x 20'	40-80 psi with 3.5-8 cfm	EA	341-5009	$1,091.02
FI-10N	12.5-gal	Santoprene	15-30 gpm	15-20 ft	1/2" x 20'	40-80 psi with 3.5-8 cfm	EA	341-5001	$1,188.50
FI-20N	20-gal	Santoprene	20-45 gpm	25-30 ft	3/4" x 30'	40-80 psi with 3.5-8 cfm	EA	341-5002	$1,285.98
FI-20NV	20-gal	Viton	20-45 gpm	25-30 ft	3/4" x 30'	40-80 psi with 5-10 dfm	EA	341-5003	$1,380.00

Foam iT™ Portable Battery Foamer

These battery powered FOAM iT self contained foamers are so portable they can go anywhere in your facility! No electrical cords or air hoses required! Portable units are ideal for cleaning drains (using the optional attachments) where pathogens and biofilm can accumulate when regular sanitation procedures are not effective. Units can be color coded by area or chemical simply by changing the lid. Optional green, red, yellow, or blue lids are available (sold separately). The machines come standard with a black lid.

- Draws from premixed solution.
- Battery level indicator on back plate.
- Natural color tank allows easy visibility of fluid level.
- Colored lids allow for color coding.
- Integrated hose wraps for convenient storage.
- In line strainer to protect the pump from debris.
- Optimized for use with low foaming chemical products.
- Viton seals (also available in Santoprene or Kalrez upon request).

Tank Size	Operating Time	Hose Length	Handle	Tip	Unit	Stock #	PRICE
10-gal	45 minutes	12'	Trigger	50° Fan	EA	341-5030	$1,895.22
15-gal	2 hours	15'	SS Wand	40° Fan	EA	341-5031	$2,333.88

FOAM iT™ Optional Lids

Color	Unit	Stock #	PRICE
Black	EA	341-5034	$22.21
Blue	EA	341-5035	$22.21
Green	EA	341-5036	$22.21
Red	EA	341-5037	$22.21
Yellow	EA	341-5038	$22.21

Call Customer Service at 800-826-8302

VACUUM SYSTEMS

FOAM iT™ Drain Foaming Attachments

An often overlooked and forgotten area where pathogens and biofilm go unchecked are drains. We offer two 360° surface contact attachment options for use with the FOAM iT units. The round drain foaming attachment has a rubber stopper for 3.5 inch to 5 inch drains and a stainless steel foam disc for drains up to 12 inches. The trench drain foaming attachment has a 7 inch round flat brush designed for floor trench drains. Both attachments sanitize areas above normal fluid levels that may be missed with other cleaning methods.

Application	Specifications	Unit	Stock #	PRICE
Round Drain	3.5" to 5" Rubber plug; 12" SS foam disc	EA	341-5032	$513.99
Trench Drain	7" PP Round disc with flat brush	EA	341-5033	$364.39

Model T, Jr. Foam Cleaning System

Step up to foam cleaning with a minimal investment. The Model T, Jr. Foam Cleaning System is a rugged, portable, foam generating unit designed to operate on existing plant compressed air from 40 to 110 psi. Portable 15-gallon stainless steel tank can be used with acid, alkaline or chlorinated liquid detergents. Controls enclosed in stainless steel panel with built-in adjustment, check and safety relief valves. Complete with 50' hose and foaming nozzle.

ECOLAB
FOOD & BEVERAGE DIVISION

Wt	Unit	Stock #	PRICE
85	EA	801-5965	$2,275.18

Lafferty Conveyer Mate™ System

The Conveyer Mate system is a fully adjustable, portable venturi foamer, designed to foam clean both the top and underside of conveyer belts. Powered by plant water pressures from 30 to 250 psi and compressed air. Adjustable to foam conveyer belts up to 4' wide. Arms and nozzles are adjustable for differing heights and clearance issues. Portable all stainless cart with 20-gallon chemical tank.

Wt	Unit	Stock #	PRICE
132	EA	385-6850	$1,317.91

Lafferty Stainless Steel Tank Foamer

Operates on compressed air. Just fill the tank with any compatible foaming chemical solution, connect the air line and begin foaming. The pressurized air in the tank pushes the solution through the foamer body to create foam.

- ASME rated 316 stainless steel tank.
- Heavy-duty all stainless steel cart with integrated hose rack.
- All stainless pop-off/relief valve.
- Stainless steel foamer body and check valves.
- Air regulators and gauges.
- 16-gallon with 40' hose/wand assembly.

Description	Wt	Unit	Stock #	PRICE
Compressed air SS foamer	100	EA	385-6824	$2,150.59

Lafferty Wall Mount Ultimate Foamer

The medium volume output this foamer provides is great for all foaming applications in food plant sanitation. Foams harder-to-foam chemicals and performs well even when water pressure is marginal. The venturi injection system uses city water pressure to draw and blend chemical concentrate into the water stream to create an accurately diluted solution. Equipped with a 3/4" x 50' hose. Foam throw distance of up to 12'. Covers up to 500 sq. ft. in 1-1/2 minutes. Includes: Machined polypropylene foamer body, stainless steel mounting bracket, air regulator, color-coded metering tips for up to 21 dilution ratios, discharge hose, polypropylene foam wand and matching fan nozzle. Foamer wand also available in stainless steel, call for pricing.

- Water Requirements:
Supply line: 1/2" ID minimum
Temperature: Ambient to 160°F
Pressure: 35 to 125 psi
Flow: 1.29 to 1.91 GPM
- Compressed Air Requirements: 1.5 to 5 CFM

Body	Unit	Stock #	PRICE
Polypropylene	EA	385-6801	$492.14

Prices subject to change.

FOAMERS

Lafferty Compact Airless Foamers

A unique medium volume hose-end gun for diluting and applying foam chemicals to any surface. Along with a reinforced lid, the machined foamer body is bracketed and bolted, which makes for a very durable unit. A light 22-oz, HDPE bottle reduces wrist and arm fatigue. Venturi action dilutes chemical consistently with precision metering tips. Designed to use half the water and chemicals that similar models do, has a flow rate that allows for double the operating time based on comparable sized bottles and can operate on 20-100psi of water pressure. Foamers are now available with colored lids.

Lid Color	Unit	Stock #	PRICE
Model 12 - Flow Rate 0.54 gpm @ 40psi			
Blue	EA	385-7912	$82.90
Red	EA	385-7913	$82.90
Yellow	EA	385-7914	$82.90
Green	EA	385-7915	$82.90
Model 25 - Flow Rate 1.30 gpm @ 40psi			
Blue	EA	385-7925	$96.10
Red	EA	385-7926	$93.51
Yellow	EA	385-7927	$93.51
Green	EA	385-7928	$93.51

Lafferty Wall Mount Low Pressure Airless Foamers

Airless Foamers are medium volume for projecting foaming chemicals on to any surface without compressed air. The venturi injection system uses standard city water pressure to draw and blend chemical concentrate in the water stream to create an accurately diluted solution which flows through the 1/2″ x 50′ discharge hose to the foam wand. Foam throw distance of up to 6′ for A-25 models and up to 8′ for A-50 models.

Includes: Machined polypropylene injector body, stainless steel mounting enclosure, stainless steel ball valves, color-coded metering tips for up to 21 dilution ratios, discharge hose, and machined polypropylene airless foam wand.

Water Requirements:

- Pressure: 35 - 125 psi.
- Temperature: up to 160°F.
- Supply Line: 1/2″.

Model	Water Flow Rate	Unit	Stock #	PRICE
A-25	1.3 gpm @ 40 psi	EA	385-6810	$256.46
A-50	2.3 gpm @ 40 psi	EA	385-6812	$256.46

Lafferty 517 Wall Mount Sanitizer System

Water-driven venturi system accurately dilutes chemical concentration to a ratio required for no-rinse application in the food industry. Unit comes complete with stainless steel mounting enclosure, 20 color-coded metering tips, 3/4″ x 50′ discharge hose, Stainless steel ball valves, wand and nozzle. Requires only 35-125 psi water - operates on city water pressure - with flow rate of 5.4 gpm at 40 psi.

Model	Unit	Stock #	PRICE
517	EA	385-7096	$283.92

Call Customer Service at 800-826-8302

SPRAYERS

Chemical Resistant Tank Sprayer

Manual pump-up tank sprayer made from high density polyethylene with viton seals and gaskets, resists breaking, leaking and chemical corrosion. The 4″ wide funnel top allows for ease of filling. Comes with a 32″ nylon webbed poly hose and 12″ extension wand with adjustable nozzle. 2-gallon capacity.

Dimensions	Unit	Stock #	PRICE
8″ dia x 18¾″H	EA	365-6001	$50.52

Dema Spray Clean Kit

Dema has sprayers for a variety of uses. Pull sanitizing solution out of original shipping or bulk container, and inject it slowly into a water line. Not recommended for use with sodium hypochlorite. Spray gun will spray water mixed with sanitizer or spray clear water for a rinse.

Includes spray gun, liquid concentrate injector, tip kit, mounting screws and washers, 8′ polyvinyl supply tubing, and foot strainer. Kit does not include hose or hose bracket. Recommended hose: #588-6270.

Model	Application	Unit	Stock #	PRICE
244CT	Feeds from drum or pail	EA	172-5530	$173.21

INSECTO-JET Sprayer

Use INSECTO-JET for sanitation or pest control. It fogs about 16,000 cu. ft. of space with a minimum amount of sanitizer or insecticide. The solution is contained in the 1-gallon plastic bottle and is withdrawn using compressed air. 4-nozzle stainless steel head assembly. Female 1/2″ NPT airline connection.

Description	Unit	Stock #	PRICE
Sprayer complete	EA	624-6020	$774.20
Replacement Parts			
Buna-N Nozzle gaskets (4 required)	EA	624-6005	$4.14
Plastic bottle cap	EA	624-6007	$16.85
Plastic bottle, 1 gal	EA	624-6015	$131.38

RL Atomist Electric Sprayer

Designed for large area indoor fogging of insecticides, germicides, disinfectants and deodorants. 2-gallon polyethylene canister. Output adjusts from 1.5 to 5.3 gallons per hour. Adjustable output nozzle delivers particles of less than 50 microns up to 100 feet.

Model	Description	Unit	Stock #	PRICE
1952B	Atomist sprayer	EA	472-6500	$237.85

Prices subject to change.

4-Way Foggers

Economical foggers handle sanitizers or insecticides. Hard, machined, chemically resistant plastic with brass 1/2″ NPT airline connection. Corrosion resistant. Easy to operate and maintain. Venturi action draws pre-diluted chemicals.

- Model 431 will disperse fog up to 6′ in 4 directions, and comes with a 6′ PVC pickup hose. Ideal for small rooms/areas.
- For larger areas, select Model 324, which will disperse fog up to 25′ in 4 directions, and comes with 10′ of PVC pickup hose.

Model	Unit	Stock #	PRICE
431	EA	385-6005	$77.80
324	EA	385-6020	$201.06

ALSPRAY Chlorine Fog Gun

A simple but dependable tool for spraying sanitizing compounds. It operates on compressed air. Designed for fogging the interiors of storage tanks, cans or other open containers. Hose is neoprene base tube, covered with 3-ply reinforcement. Temp. range: -40° to 212°F Burst pressure: 360 psi. 40 lb air pressure minimum; 70 lb preferred. Available with pickup hose or reservoir bottle.

Description	Unit	Stock #	PRICE
Fog gun w/6′ nitrile rubber pickup hose	EA	588-1090	$113.25
Fog gun w/one-quart plastic reservoir bottle	EA	588-1095	$113.25
Replacement Parts			
Replacement plastic bottle	EA	588-1096	$8.44
Replacement hose	EA	588-7009	$15.15
Fog gun only	EA	588-7048	$109.08

TRI-JET® Fogger

Widely used in food plants, this is also the standard in portable farm insecticide foggers. Produces cold mist from water or oil-base solutions. Adjustable mist control. Durable aluminum structure with 1 gallon tank. 120V.

Unit	Stock #	PRICE
EA	221-6010	$316.22

PROZAP® Aqueous Fly Spray

Control numerous insects such as flies, mosquitos, gnats, spiders, ants, roaches, beetles and mites with this water-based insecticide designed for food processing plants and dairies. Can also be used in homes, restaurants, and applied to livestock. Contains pyrethrin and leaves no oily residue. May be sprayed or fogged. 4 gallons/case.

Unit	Stock #	PRICE
CA	106-6015	$55.05

Call Customer Service at 800-826-8302

AUTOSCRUBBERS & MACHINES

CFP Pro Floor Machine

High powered rugged machines built to withstand the dirtiest jobs. Ready-to-use fingertip controls and multiple safety features, such as handle mounted safety switch, and a 50 ft yellow cord. Their machines are an all metal construction and built for heavy-duty usage. The handle lock can be actuated by foot, and there is a convenient cord wrap for storage when not in use.

- 110V motor, 66-frame.
- Comes standard with pad driver.

Model	Deck Size	Pad Driver Size	Motor	Brush Speed	Unit	Stock #	PRICE
17HD	17"	16"	1.5 hp	175 RPM	EA	354-2461	$752.93
20HD	20"	19"	1.5 hp	175 RPM	EA	354-2462	$772.41
20DS	20"	19"	1.5 hp	185 RPM	EA	354-2466	$1,268.46

Replacement Brushes for Floor Machines

Rotary brushes outlast 100 floor pads and save time and labor. Identify the brush for your Clarke® machine based on the information below or call our customer service department for assistance.

Brush Fill:
- Black Stripping Grit Brush - aggressive scrubbing and stripping. Replaces black pads.
- Red Cleaning Grit Brush - medium aggressive scrubbing. Replaces red pads.
- Nylon - general scrubbing. Economy rotary brush.
- Pad Driver - for use with rotary pads.

*See following pages for additional information on brush fills available.

Description	Unit	Stock #	PRICE
Machine Models: CFP Pro 17HD			
Black Stripping Grit Brush	EA	225-6592	$228.99
Red Grit Brush	EA	225-6590	$231.82
.028 Nylon Cleaning Brush	EA	225-6595	$128.04
Short Trim Pad Driver	EA	225-6596	$79.74
Machine Models: CFP Pro 20HD & 20DS			
Black Stripping Grit Brush	EA	225-6597	$291.74
Red Grit Brush	EA	225-6598	$293.13
.028 Nylon Cleaning Brush	EA	225-6599	$162.54
Short Trim Pad Driver	EA	225-6600	$103.27

CA30 20B Battery Autoscrubber

Simple, rugged, affordable walk-behind automatic scrubber. Combining a 20 inch wide cleaning path with a long-lasting on-board 12V 105 Ah AGM battery and charger means not having to worry about the nearest wall outlet or looking for the charger when the job is done. Designed for heavy daily use in a variety of applications, it features a heavy-duty cast aluminum assembly housing a rounded squeegee that delivers quick, complete solution pick-up day in and day out. The 20B also features easy-to-use finger-tip controls, a low profile design for cleaning tight, hard-to-reach areas, and a high cleaning rate, up to 5 times faster than traditional mop and bucket systems. Brush and squeegee assembly included.

Size	Brush Speed	Tank Size	Wt	Unit	Stock #	PRICE
20"	160 RPM	10.5-gal	366	EA	354-2467	$4,040.79

Prices subject to change.

AUTOSCRUBBERS & MACHINES

CA30 17E Electric Autoscrubber

Experience the agility of a 17″ wide cleaning path and the added convenience of a 65′ safety yellow power cord to improve your cleaning productivity. Designed for heavy daily use in a variety of applications, it features a heavy-duty cast aluminum assembly housing a rounded squeegee that delivers quick, complete solution pick-up day in and day out. The 17E also features easy-to-use fingertip controls, a low profile design for cleaning tight, hard-to-reach areas, and a high cleaning rate, up to 5 times faster than traditional mop and bucket systems. Brush and squeegee assembly included.

Size	Brush Speed	Tank Size	Unit	Stock #	PRICE
17″	150 RPM	13.2-gal	EA	354-2468	$2,085.75

L20 Focus II Compact Autoscrubbers

The next generation of Clarke Auto-scrubbers features important benefits such as; low noise levels, improved user ergonomics, on-board chargers, breakaway squeegees, and more. Conventional disc models of the Focus II are available with a 20″ disc scrub deck. Power traction is selected on these models; brush assist drive also available. The brush/pad driver installation and removal is made simple with an easy on/off push button control. It also features; 14.5 gallon solution and recovery tank, security key switch, safety yellow palm switches, and circuit breaker protection.

Cleaning Width	Drive Type	Battery	Unit	Stock #	PRICE
20″	Power Traction	12V AGM	EA	354-2459	$6,168.71
20″	Power Traction	12V WET	EA	354-2219	$6,106.14

Focus® II Mid Size Autoscrubbers

Clarke autoscrubbers provide an increased capacity, long run times and are easy to operate. The disc models are ideal for everyday cleaning and contours uneven floors for even scrubbing action. The cylindrical model is ideal for scrubbing grouted tile, imperfect, or rough textured floors while providing wet sweeping capacities. The debris is conveniently collected into a removable tray with cylindrical model only.

All models feature:
- 23-gallon solution and recovery tank.
- 4 Easy-to-access 6V wet 250 Ah batteries.
- Onboard charger.
- One touch scrubbing controls.
- Power traverse.
- Pad driver included.

Optional chemical mixing system, Clarke Battery Maintenance System and rotary brushes available. Call for details.

Scrub Path	Pad Holder Size	Brush Speed	Squeegee Width	Unit	Stock #	PRICE
Disc						
26″	(2) 13″	200RPM	32.5″	EA	354-2220	$10,447.29
28″	(2) 14″	200RPM	35″	EA	354-2225	$10,741.14
34″	(2) 17″	200RPM	41″	EA	354-2230	$11,155.51
Cylindrical						
28″	(2) 28″	613RPM	35″	EA	354-2235	$10,988.65

Call Customer Service at 800-826-8302

AUTOSCRUBBERS & MACHINES

Focus® II Rider Autoscrubbers

Increase productivity with this cost-effective rider, while delivering sustainable performance. Simple operation and tight turning radius puts this rider at the top of its class. Optional chemical mixing station automatically delivers correct mixing solution to the brush deck. Increased down pressure for one pass cleaning of heavy soils.

Both models feature:
- 242 Ah wet batteries (6-6V).
- Onboard charger, pad holder and chemical mixing station.
- 31-gallon solution tank and recovery tank.

Model	Brush Diameter	Pad Holder Size	Motor	RPM	Wt	Unit	Stock #	PRICE
Focus II Rider 28″ disc	28″	(2) 14″	1.05 hp	260	547	EA	354-2240	$16,163.17
Focus II Rider 34″ disc	34″	(2) 17″	1.05 hp	260	547	EA	354-2242	$17,435.94

FLOOR PADS

3M™ Black Stripping Floor Pad 7200

Use to remove all finish, sealer and contaminates from the floor surface. Maintains consistent high performance throughout the life of the pad. Other sizes available. Machine speed 175-600 RPM. 5 pads/case.

Size	Unit	Stock #	PRICE
13″	CA	456-2072	$22.16
17″	CA	456-2087	$32.67
20″	CA	456-2086	$42.31

3M™ High Productivity Stripping Floor Pad 7300

Quickly and thoroughly removes old finish, dirt and buildup. Unique, open web construction; stripping solution flows through pad to rinse out dirt and reduce loading for increased pad-to-floor contact and more efficient stripping. For heavy finish buildup, quick stripping and stain removal. Other sizes available. Machine speed 175-600 RPM. 5 pads/case.

Size	Unit	Stock #	PRICE
19″	CA	456-2095	$72.89
20″	CA	456-2096	$79.81

3M™ Blue Cleaner Pad 5300

Ideal for heavy-duty scrubbing prior to recoating. Can also be used for heavy-duty spray cleaning or foam scrubbing. Removes dirt, spills and scuffs, leaving a clean surface ready for recoating. 5 pads/case.

Size	Unit	Stock #	PRICE
17″	CA	456-2081	$29.87
19″	CA	456-2079	$37.78
20″	CA	456-2083	$41.15

3M™ TopLine Autoscrubber Pad 5000

For light scrubbing of floors prior to burnishing. Excellent daily cleaning pad, minimal finish removal. Open construction resists clogging and allows for easy cleaning. Use on automatic floor machines. Other sizes available. Machine speed 175-600 RPM. 5 pads/case.

Size	Unit	Stock #	PRICE
20″	CA	456-2093	$46.53

3M™ Red Buffer Floor Pad 5100

Specially designed for spray buffing. Cleans when damp, buffs when dry. Quickly cleans and removes scuff marks while polishing floor to a high gloss. Other sizes available. Machine speed 175-600 RPM. 5 pads/case.

Size	Unit	Stock #	PRICE
19″	CA	456-2074	$35.49
20″	CA	456-2094	$38.66

3M™ White Super Polish Floor Pad 4100

Use to buff very soft finishes or use for polishing wood floors. Other sizes available. Machine speed 175-600 RPM. 5 pads/case.

Size	Unit	Stock #	PRICE
17″	CA	456-2089	$31.79
19″	CA	456-2073	$37.78
20″	CA	456-2092	$41.15

Prices subject to change.

3M™ Eraser™ Burnish Floor Pad 3600

Ideal for harder finishes and heavy-traffic floors. Removes black marks in fewer passes than other pads. Retains excellent gloss and image clarity. Excellent durability and minimal finish removal. Other sizes available. Machine speed 1500 RPM and above. 5 pads/case.

Size	Unit	Stock #	PRICE
20"	CA	456-2091	$47.23

3M™ TopLine Speed Burnish Floor Pad 3200

Restore gloss to dull floors in a single pass. Optimizes ultra high speed floor care on a wide variety of floor finishes. Works best on floors with good base coat. Minimal finish removal. Works best with the 3M TopLine Autoscrubber Pad 5000. Other sizes available. 1500 RPM or above. 5 pads/case.

Size	Unit	Stock #	PRICE
20"	CA	456-2097	$47.23

Blue Scrubbing Rotary Pad

Blue cleaning pads for light scrubbing or heavy-duty spray cleaning. Aggressively removes dirt and scuff marks from heavily soiled floors prior to re-coating. Recommended for use on machines up to 350 rpm. 5 pads/case.

Size	Unit	Stock #	PRICE
20"	CA	401-115,	&6.81

White Super Polish Rotary Pad

Extra fine super polishing white rotary pads made for polishing clean, dry floors. Use dry or wet for a high gloss "wet look" to newly finished floors. Recommended for use on machines up to 3,000 rpm. 5 pads/case.

Size	Unit	Stock #	PRICE
20"	CA	401-1094	$26.81

Red Buffing Rotary Pad

Red buffing rotary pad made for light daily cleaning and spray buffing. Removes light scuff marks and dirt while producing high gloss shine. Recommended for use on machines up to 800 rpm. 5 pads/case.

Size	Unit	Stock #	PRICE
20"	CA	(01-113)	26.81

Black Stripping Rotary Pads

Very aggressive black stripping rotary pads. For wet stripping applications and aggressive removal of dirt and old finish build up. Recommended for use on machines up to 350 rpm. 5 pads/case.

Size	Unit	Stock #	PRICE
13"	CA	($%1182	14.08
17"	CA	401-1189	$20.64
20"	CA	401-1192	$26.81

Call Customer Service at 800-826-8302

ROTARY BRUSHES

EZ Snap™ Floor Care System

The total floor care system with the value rotary brushes and EZ Snap clutch plates. Combine all of their features and what you get is measurable cost savings along with "peace of mind" knowing you are doing what is right for the environment.

A simple solution in 2 easy steps:
Step 1 - Choose the EZ Snap Clutch Plate for your machine.
Step 2 - Choose the type of Colortech™Rotary Brush for your floors.

Universal EZ Snap™ Clutch Plate

Value floor care system for rotary brushes and clutch plates. Patent pending clutch playe design manufactured with acetal resin for outstanding durability. Universal, fits machine models: Betco, Cassidy, Clarke, Dart, Edic, Eureka, General, Hawk, Kent/Euroclean, Lawlor, Mastercraft, Mercury, NSS, Pacific, Powr-Flite, Pullman-Holt, SSS, Tenant, Thoromatic, Tornado (Breuer), United (Unico), Viper, Windsor. Please call our floor care specialists for more options.

Description	Unit	Stock #	PRICE
EZ Snap clutch plate for rotary brush	EA	225-7023	$7.14

EZ Rizer Universal Combo Brush Driver & Riser

Made from acetal resin - the strongest and stiffest of all thermoplastic materials. Universal, fits machine models, Betco, Cassidy, Clarke, Dart, Edic, Eureka, General, Hawk, Kent/Euroclean, Lawlor, Mastercraft, Mercury, NSS, Pacific, Powr-Flite, Pullman-Holt, SSS, Tenant, Thoromatic, Tornado (Breuer), United (Unico), Viper, Windsor. Please call our floor care specialists for more options.

Description	Unit	Stock #	PRICE
EZ Snap Combo brush driver & riser	EA	225-7029	$13.33

Colortech™ Daily Cleaning Value Rotary Brush

Daily Cleaning
- Replaces white floor pads.
- Available in 11"-20" diameters.
- 1-1/2" bristle trim.
- Specifically designed for daily cleaning and maintaining of high gloss floor surfaces.
- Ideal for use on ceramic tile, concrete, marble, quarry tile, slate, terrazzo, and VCT.
- Wear indicator included.

Mfg Part #	Size	Unit	Stock #	PRICE
3615VWH	15"	EA	225-7017	$87.11
3617VWH	17"	EA	225-7019	$103.53
3618VWH	18"	EA	225-7020	$110.67
3620VWH	20"	EA	225-7022	$132.80

Colortech™ General Cleaning Value Rotary Brush

General Cleaning
- Replaces rotary red floor pads
- Available in 11"-20" diameters.
- 1-1/2" bristle trim.
- .022" nylon fibers impregnated with 320 grit silicone carbide.
- Ideal for use on ceramic tile,concrete, marble, quarry tile, slate, terrazzo, and VCT.
- Wear indicator included.

Mfg Part #	Size	Unit	Stock #	PRICE
3615VRD	15"	EA	225-7046	$87.11
3617VRD	17"	EA	225-7048	$103.53
3618VRD	18"	EA	225-7041	$110.67
3620VRD	20"	EA	225-7050	$132.80

Colortech™ Scrubbing Stripping Value Rotary Brush

Stripping/Scrubbing
- Replaces black floor pads.
- Available in 11"-20" diameters.
- 1-1/2" bristle trim.
- .50" nylon fibers impregnated with 80 grit silicone carbide.
- Ideal for scrubbing concrete and stripping quarry tile, terrazzo, and VCT.
- Wear indicator included.

Mfg Part #	Size	Unit	Stock #	PRICE
3615VBK	15"	EA	225-7035	$87.11
3617VBK	17"	EA	225-7037	$103.53
3618VBK	18"	EA	225-7038	$110.67
3620VBK	20"	EA	225-7040	$132.80

Prices subject to change.

Rotary Brushes for Your Sanitary Maintenance Program

Make work easier with our line of rotary floor brushes from Carlisle. Brushes are available for virtually any application from light and medium scrubbing to very aggressive scrubbing of brick and unsealed concrete. Rotary floor brushes are a more cost-effective alternative to floor pads. Why? They will outlast 200 pads. Add in labor savings, and we're sure you'll agree.

Ordering is easy.

CARLISLE

- Provide the make or manufacturer of the rotary machine you are using.
- Provide the model number or name of machine you are using. Brush diameter 2″ less than machine size is suggested.
- Determine brush fill/type needed for your application. (See descriptions that follow for assistance.)

SCRAPE-AWAY®

Productive, economical and environmentally safe method for scraping and preparing concrete floors. The heavy duty circular aluminum casting has a 5″ center hold. A "N" series clutch plate is required.

- Available in 13″, 15″ and 17″ sizes.
- Do not use with a riser.
- 6 replaceable carbon steel cutter blades.
- Each blade boasts 8 cutting edges.

Concrete Floor Care

Most aggressive brush for scrubbing heavy soil from brick and stone, and rough or unsealed concrete.

- 1-3/4″ trim, .070″ dia brown fibers, 36 grit.
- Available in 11″ to 20″ diameter showerfeed blocks.
- Splash guard included.

Aggressive Stripping

For very aggressive scrubbing of brick and stone, rough or unsealed concrete, or aggressive stripping of sealed concrete and terrazzo floors.

- 1-3/4″ trim, .060″ dia purple fibers, 46 grit.
- Available in 11″ to 20″ diameter showerfeed blocks.
- Splash guard included.
- Replaces high productivity floor pads.

Stripping

For aggressive scrubbing of brick and stone, rough sealed/unsealed concrete, non-slip flooring, and vinyl floors, and for stripping of ceramic tile, sealed concrete, quarry tile, slate, terrazzo and

- 1-3/4″ trim, .050″ dia black fibers, 80 grit.
- Available in 9″ to 21″ diameter showerfeed blocks.
- Splash guard included.
- Replaces black floor pads.

Scrubbing

For aggressive scrubbing of ceramic tile rubber, terrazzo, and rough concrete. Also great for grout lines less than 1/2″ in width.

- 1-3/4″ trim, .035″ dia Blue fibers, 80 grit.
- Available in 11″ to 19″ diameter.
- Replaces blue floor pads.

General Cleaning

For medium to mildly aggressive scrubbing of brick and stone, ceramic tile, sealed or unsealed concrete, marble, non-slip flooring, quarry tile, slate, terrazzo, and vinyl floors.

- 1″ trim; .022″ dia red fibers, 120 grit.
- Available in 11″ to 20″ diameter showerfeed blocks.
- Replaces red floor pads.

Light Cleaning

For light to medium scrubbing of brick and stone, ceramic tile, sealed or unsealed concrete, marble, non-slip rubber floors, quarry tile, slate terrazzo, and vinyl floors.

- 1″ trim; .018″ dia light green fibers, 500 grit.
- Available in 11″ to 20″ diameter showerfeed blocks.
- Replaces light green floor pads.

NYLON Scrubbing Brushes

Long-wearing nylon is ideal as a general scrub rotary brush.

- Extra stiff .032″ bristles give you extra tough scrubbing power.
- Stiff .028″ bristles can be used for general scrubbing. Available in 10″ to 20″ diameter with 1-3/4″ trim.
- Medium .022″ bristles are used for light general scrubbing. Available in 11″ to 20″ diameter with 1-3/4″ trim.

UNION Polishing Brushes

Made with a blend of palmyra and white tampico fiber designed for general purpose polishing.

- 1-3/4″ trim.
- Available in 11″ to 20″ diameters.

Short Trim (1/2″) Pad Driver

Blue, 1/2″ long bristles. Poly fibers are unevenly trimmed and widely spaced for pad holding power.

- 1-7/16″ riser.
- Available in 11″ to 20″ diameter.

Call Customer Service at 800-826-8302

CARPET CARE

Floor/Carpet Dryer

Keep your facility and warehouse floors dry during the wet and snowy seasons with this powerful air mover, floor/carpet dryer. Multiple position settings for direct airflow and you can daisy chain up to 3 units for maximum efficiency. Delivers up to 2,400 CFM with an energy efficient, 3-speed motor. Compact, lightweight, and stackable for convenience. Comes with a 21′ power cord in safety orange.

Mfg Part #	Unit	Stock #	PRICE
AM2400D	EA	354-2460	$187.79

EX20™ 100H Heated Portable Extractor

Superior deep extraction performance with instant continuous heating capabilities. Ergonomic design allows for easier loading and transport. Unique transport handle design along with two front panel roller wheels makes maneuverability and control amount facilities a breeze. Oversized, rubber grip, rear wheels. Recessed electronic switch plate protects switches from solution tank and reduces water exposure. Pressure gauge, pressure regulator allows you to dial in specific pressure for sensitive texture on hard and textile surfaces. 3-stage vacuum motor has unrestricted air flow for superior water recovery. Closed, sealed system reduces wear and extends vacuum motor life.

Features include:

- Stainless steel scrub wand.
- 25′ power cord.
- 100 psi pump.
- 12.5-gallon solution tank and 11-gallon recovery tank.
- Dual 15′ vacuum & solution hose.
- Instant 212°F heat with 1,750 watt heater.

*Along with two front panel roller wheels.

Model	Heater	Wt	Unit	Stock #	PRICE
Pro 100H	1750W	84	EA	354-2453	$2,346.48
Cleaning Chemicals					
Triad extraction cleaner	4 x 1 gal/ca	36	CA	270-2195	$56.64
GO2 hydrogen peroxide multi-purpose cleaner	2 x 1 gal/ca	18.27	CA	270-2115	$64.56

From : loor A achines or 5utoscrubbers to 7hemicals, 6rooms, and K et : loor Gigns, Nelson-Jameson is a one-stop shop for your : loor 7are Droduct needs!

VACUUM SYSTEMS

Nilfisk Industrial Vacuums

Nilfisk Industrial vacuums and accessories enable food processors to improve sanitation and utilize the dry cleaning method, which can reduce bacteria growth. They are designed to help companies comply with the FDA's GMPs (Good Manufacturing Practices) and HACCP (Hazard Analysis and Critical Control Points). Additionally, Nilfisk vacuums provide performance advantages that are critical in the food processing industry, such as contaminant-free exhaust systems for assured employee safety, and explosion/static protection for the secure collection of dust and powder. To find the unit that's right for you, or for additional information on the vacuums available, please call our sanitation product specialists. In-plant demos also available.

Nilfisk 118 Vacuum

A compact design with the power of larger models. Designed for dry cleaning only. Portable with a wheeled collection container that can be easily lifted, carried and emptied. Or choose the unit with a polyliner adapter kit so that debris is collected in a liner for easy disposal. The external filter shaker handle helps maintain a dust-free filter without opening the vacuum and allows the vacuum to perform at its highest level of suction power and filtration. A HEPA filter ensures 99.995% of all ultra-fine particles, toxic and nuisance, are retained down to and including 0.18 microns in size. An assortment of accessories makes this model ideal for a variety of applications. Please call our sanitation specialists to have this unit customized to meet your needs.

- Tank Capacity: 6.6 gallons.
- Waterlift max: 85″.
- CFM max: 95.
- Dimensions: 19.7"L x 21.6"W x 37"H.
- Volts: 120 @ 60Hz.
- Power: 1000 watts.
- Cord length: 30′.
- Single Phase Motor.
- 50 mm inlet opening.
- Accessories sold separately.

Description	Unit	Stock #	PRICE
HEPA Filtered Vacuum	EA	475-6108	$1,747.17
HEPA Filtered Vacuum with Polyliner Adapter Kit	EA	475-6138	$2,163.74
Replacement Filters			
Standard Main Filter	EA	475-6209	$213.53
HEPA Filter	EA	475-6211	$344.76
Replacement Polyliner Bags			
25/pk	PK	475-6378	$43.71

Nilfisk S2 & S3 Single-Phase Vacuums

These compact vacuums are ideal for general cleaning needs including overhead cleaning of pipes and walls. The external filter shaker keeps the main filter free of clogging dust, and allows the unit to perform with its maximum suction power and filtration. Constructed of heavy-duty steel and polypropylene. Stainless steel model also available, call for details. A variety of accessories for many applications are available for use with these vacuums.

Nilfisk S2 Vacuum

- Two single-phase motors.
- Tank Capacity: 13-gallon or 26-gallon.
- Waterlift max: 83.1″.
- CFM max: 198.
- Dimensions: 13-gallon, 31.5″ x 23.6″ x 51.2″H.
- Dimensions: 26-gallon, 31.5″ x 23.6″ x 62.2″H.
- Volts: 120V.
- Power: 2000 watts.
- Cord length: 30′.
- Machine Inlet: 70 mm.
- Accessories sold seperately.

Description	Unit	Stock #	PRICE
13-Gallon Tank Capacity Vacuum			
S2 HEPA filtered vacuum	EA	475-6141	$3,219.44
S2 HEPA filtered vacuum with polyliner adapter kit	EA	475-6181	$3,476.51
26-Gallon Tank Capacity Vacuum			
S2 Vacuum with standard main filter	EA	475-6978	$3,550.00
S2 HEPA Filtered Vacuum with polyliner adapter kit	EA	475-6280	$3,833.92
Replacement Filters			
HEPA filter	EA	475-6204	$595.36
Standard main filter	EA	475-6208	$335.94
Nomex® filter - for high temperature materials (up to 464°F)	EA	475-6206	$942.84
Polyester member filter - for use with sticky materials	EA	475-6240	$1,201.83
Replacement Polyliner Bags			
32″ x 32″, Clear, 100/ca, use w/ both 13 & 26-gallon container	CA	475-6316	$103.27

Call Customer Service at 800-826-8302

VACUUM SYSTEMS

Nilfisk S3 Vacuum

- Three single-phase motors.
- Tank Capacity: 13-gallon or 26-gallon.
- Waterlift max: 71.5".
- CFM max: 270.
- Dimensions: 13-gallon, 31.5" x 23.6" x 51.2"H.
- Dimensions: 26-gallon, 31.5" x 23.6" x 62.5"H.
- Volts: 120V.
- Power: 2400 watts.
- Cord length: 30'.
- Machine Inlet: 70 mm.
- Accessories sold separately.
- Accessory kit includes: Inlet Reducer, 20' antistatic hose and cuffs, double curved wand, 16" wheeled floor nozzle, 20" metal crevice nozzle, rubber cone, dust brush, curved steel tube and polyliners (25/pk).

Description	Unit	Stock #	PRICE
13-Gallon Tank Capacity			
S3 HEPA filtered vacuum	EA	475-6142	$3,883.07
S3 HEPA filtered vacuum with polyliner adapter kit	EA	475-6182	$4,240.98
S3 HEPA filter vacuum w/ polyliner adapter kit & accessory kit	KT	475-6190	$5,072.14
26-Gallon Tank Capacity			
S3 HEPA filtered vacuum	EA	475-6143	$4,315.12
S3 HEPA filtered vacuum with polyliner adapter kit	EA	475-6183	$4,531.14
Replacement Filters			
HEPA filter	EA	475-6204	$595.36
Standard main filter	EA	475-6208	$335.94
Nomex® filter - for high temperature materials (up to 464°F)	EA	475-6206	$942.84
Polyester membrane filter (PTFE) for use with sticky materials	EA	475-6240	$1,201.83
Replacement Polyliner Bags			
25/pk	PK	475-6377	$80.70
100/ca	CA	475-6316	$103.27

Nilfisk Accessory Tool Caddy

Specifically designed to organize accessories in order to meet Six Sigma, 5S or other internal operation requirements. Created to store a variety of wands, nozzles and brushes, the caddy helps increase user efficiency and reduce money spent on lost or damaged accessories. Holds more than 10 different accessories. Compatible with the Nilfisk CFM S2 or S3 vacuums, and is available to retrofit on existing S series vacuums.

Mfg Part #	Description	Unit	Stock #	PRICE
M80107	Use with S2/S3	EA	475-6752	$471.75

Nilfisk Three-Phase Vacuums

Nilfisk INDUSTRIAL VACUUM SOLUTIONS
trusted since 1906

Powerful and highly maneuverable vacuums ideal for the collection of powders, liquids, dust, and debris. These vacuums are easy to use and maintain - even in the most challenging environments. The lightweight T Series feature rear swivel wheels with locking brakes, and wheeled collection container for easy emptying. HEPA filter ensures that 99.995% of particles are retained, down to and including 0.18 microns in size - exceeding HEPA filtration standards. A manual filter shaker is standard on the T Series allowing for quick removal of caked on dust from the filter's surface, maintaining the vacuum's maximum suction power and improving productivity.

Nilfisk T26 Three-Phase Vacuums

Three-phase option that is almost identical to the highly popular S3 single-phase machine.

- Tank Capacity: 26-gallon.
- Waterlift Max: 76".
- CFM Max: 222.
- Dimensions: 44.5" x 23.6" x 60.2" H.
- Volts: 200-240V.
- Power: 2550 watts.
- Cord Length: 30'.
- Machine Inlet: 70 mm.
- Accessories sold separately.

Description	Unit	Stock #	PRICE
T26 HEPA filtered vacuum	EA	475-6261	$5,553.92
T26 HEPA filtered vacuum with polyliner adapter kit	EA	475-6262	$5,709.99
T Series Replacement Filters			
HEPA Filter	EA	475-6204	$595.36
Standard main filter	EA	475-6208	$335.94
Nomex® filter - for high temperature materials (up to 464°F)	EA	475-6206	$942.84
Polyester membrane filter - for use with sticky materials	EA	475-6240	$1,201.83
Replacement Polyliner Bags			
25/pk	PK	475-6377	$80.70

Prices subject to change.

VACUUM SYSTEMS

Nilfisk T48 Three-Phase Vacuum

Increased suction on the T48 is needed with higher density, or wet debris. Choose if longer runs of piping are needed for your application.

- Tank Capacity: 26-gallon.
- Waterlift Max: 140.5".
- CFM Max: 222.
- Dimensions: 44.5" x 23.6" x 60.2"H.
- Volts: 200-240V.
- Power: 4800 watts.
- Cord Length: 30'.
- Machine Inlet: 70 mm.
- Accessories sold separately.

Description	Unit	Stock #	PRICE
T48 HEPA filtered vacuum	EA	475-6267	$8,333.65
T48 HEPA filtered vacuum with polyliner adapter kit	EA	475-6268	$7,919.76
T Series Replacement Filters			
HEPA Filter	EA	475-6204	$595.36
Standard polyester main filter	EA	475-6208	$335.94
Nomex® filter - For high temperature materials (up to 464°F)	EA	475-6206	$942.84
Polyester membrane filter - For use with sticky materials	EA	475-6240	$1,201.83
Replacement Polyliner Bags			
25/pk	PK	475-6377	$80.70

Nilfisk T63 Three-Phase Vacuum

The high air flow of the T63 makes it the best option when you have a large amount of light weight powder or debris. Machine also allows for dual-users to increase productivity.

- Tank Capacity: 26-gallon.
- Waterlift Max: 82.6".
- CFM Max: 345.
- Dimensions: 44.5" x 23.6" x 60.2"H.
- Volts: 200-240V.
- Power: 6300 watts.
- Cord Length: 30'.
- Machine Inlet: 70 mm.

Description	Unit	Stock #	PRICE
T63 HEPA filtered vacuum	EA	475-6263	$8,333.65
T63 HEPA filtered vacuum with polyliner adapter kit	EA	475-6266	$7,919.76
T Series Replacement Filters			
HEPA Filter	EA	475-6204	$595.36
Standard polyester main filter	EA	475-6208	$335.94
Nomex® filter - for high temperature materials (up to 464°F)	EA	475-6206	$942.84
Polyester membrane filter - for use with sticky materials	EA	475-6240	$1,201.83
Replacement Polyliner Bags			
25/pk	PK	475-6377	$80.70

PNEUMATIC VACUUMS

Nilfisk A15 Pneumatic Vacuum

High performing, compressed air vacuum cleaner. Low air consumption and compact, this vacuum's maneuverable design makes it especially useful in environments where electricity is unavailable or undesirable. Small and extremely quiet with an easy-to-remove 6.6 gallon wheeled collection container. The release handle turns into a convenient carrying handle after it is removed from vacuum. External filter shaker handle keeps the main filter free of clogging dust and maintains the vacuum's maximum suction power and filtration performance. HEPA filtered.

- Tank Capacity: 6.6 gallons.
- Waterlift Max: 157".
- CFM: 99.
- Dimensions: 19.7"L x 21.6"W x 37.4"H.
- Air Consumption @ 90 psi: 30 cfm.
- Machine inlet: 50 mm.

Also available with stainless steel tank.

Standard vacuum kit includes: HEPA filter, side-mounted manual filter shaker, 30' of 1-1/2" diameter air line. Accessories sold separately.

Description	Unit	Stock #	PRICE
HEPA filtered vacuum	EA	475-6008	$2,943.47
HEPA filtered vacuum with polyliner adapter kit	EA	475-6245	$3,401.47
Replacement Filters			
Standard polyester main filter	EA	475-6209	$213.53
HEPA filter	EA	475-6211	$344.76
Replacement Polyliner Bags			
25/pk	PK	475-6378	$43.71

Call Customer Service at 800-826-8302

PNEUMATIC VACUUMS

VACUUM ACCESSORIES

Nilfisk VHC200 Pneumatic Vacuum

The VHC200 compressed air vacuum is powerful, multi-functional and easy to handle. It has been designed to safely collect dry materials where electricity is not available or undesirable. There are no moving parts, which minimizes maintenance. Engineered and built to obtain maximum efficiency with minimum air consumption. Features wheeled collection container with handle for easy emptying.

- Tank Capacity: 26 gallon.
- Waterlift Max: 177″.
- CFM Max: 200.
- Dimensions: 31.5″ x 23.6″ x 62.6″H.
- Air Consumption: 70 cfm @ 90 psi.
- Recommended Compressor Size: 18-23 HP.
- Machine Inlet: 70 mm.
- Airline: 3/4″ x 30′.

Vacuum uses universal Chicago "twist-claw" fittings. Do not use standard-type "quick disconnect" fittings when connecting airlines.

Standard vacuum kit includes: HEPA filter, 3/4″ diameter air line, air regulator, and lid mounted manual filter shaker. Accessories sold separately.

Description	Unit	Stock #	PRICE
HEPA filtered vacuum	EA	475-6871	$5,565.17
HEPA filtered vacuum with polyliner adapter kit	KT	X475-6872	$6,113.90
VHC200 Replacement Filters			
HEPA filter	EA	475-6204	$595.36
Standard main filter	EA	475-6208	$335.94
Replacement Polyliner Bags			
25/pk	PK	475-6377	$80.70

Call today to schedule an in-plant vacuum demo!

Galvanized Steel Inlet Reducer

Mfg Part #	Size	Unit	Stock #	PRICE
7-22000	2″-1½″/50-38/40 mm	EA	475-6327	$32.24
7-22202	2½″-1½″/70-38/40 mm	EA	475-6403	$40.08
7-22001	2½″-2″/70-50 mm	EA	475-6324	$46.24

Nilfisk Anti-Static Hoses & Cuffs

Temperature rating: -30° to 140°F. Sold by the meter. One meter equals 3.2808 feet. 38 mm hose cuff will accommodate 38-40 mm accessories.

Mfg Part #	Size	Unit	Stock #	PRICE
01716200	1½″/38 mm	MR	475-6344	$42.74
01716400	2″/50 mm	MR	475-6404	$51.31

Nilfisk Yellow/Black Anti-Static Hose

Sold by the meter. One meter equals 3.2808 feet. 15 meters/roll. Temperature rating: -30°F to 140°F. 38 mm hose cuff will accommodate 38-40 mm accessories.

Mfg Part #	Size	Unit	Stock #	PRICE
01716200Y	1½″/38 mm	MR	475-6348	$52.18

Nilfisk Anti-Static Hose Cuffs

Need two per hose. Use with Nilfisk black hose or yellow/black hoses.

Mfg Part #	Size	Unit	Stock #	PRICE
01716300	1½″/38-40 mm	EA	475-6343	$20.76
01716500	2″/50 mm	EA	475-6330	$25.93

Nilfisk Clear Anti-Static Hose

Thick wall conductive food grade hose. Rigid clear FDA-approved. Steel reinforced. Temperature rating: -30° to 194°F. Sold by the meter. One meter equals 3.2808 feet.

Mfg Part #	Size	Unit	Stock #	PRICE
7-24110F	1½″/38 mm	MR	475-6402	$70.98
7-24111F	2″/50 mm	MR	475-6398	$80.94

Prices subject to change.

Nilfisk Anti-Static Hose Cuffs for Clear Food Grade Hose

Use with your EXP hose to connect your EXP accessories to, use two cuffs per hose. Use one 38mm hose cuff on accessory end when cleaning with 38mm overhead wands (475-5415 or 475-6414).

Mfg Part #	Size	Unit	Stock #	PRICE
40000212	1½"/40 mm	EA	475-6684	$28.07
7-20309	2"/50 mm	EA	475-6397	$59.58
	38 mm	EA	475-6401	$72.38

Metal Round Dust Brushes

Metal handle with replaceable plastic block brush head.

Mfg Part #	Description	Unit	Stock #	PRICE
1-1/2"/38-40 mm				
7-22045	3" Diameter brush	EA	475-6340	$156.56
8-23005	3" Replacement brush	EA	475-6363	$45.13
2"/50 mm				
8-23006	4" Replacement brush	EA	475-6472	$45.12

Color-Coded 3" Round Brushes

Use adapters to make these 3" dust brushes fit your hose size. Use #475-6327 adapter to fit 50 mm brushes, below, to 38 mm hose. The #475-6329 adapter allows the round brushes below to fit onto 50 mm hose.

Color-Coded

Mfg Part #	Color	Unit	Stock #	PRICE
2"/50 mm				
10643204	White	EA	475-6534	$42.55
10643201	Red	EA	475-6465	$42.55
10643205	Yellow	EA	475-6535	$42.55
10643203	Blue	EA	475-6497	$42.55
10643202	Green	EA	475-6466	$42.55
10643200	Black	EA	475-6355	$42.55
Bristle Refills				
80630804	White	EA	475-6523	$23.39
80630801	Red	EA	475-6547	$23.39
80630805	Yellow	EA	475-6524	$23.39
80630803	Blue	EA	475-6549	$23.39
80630802	Green	EA	475-6548	$23.39
80630800	Black	EA	475-6512	$23.39

Rubber Cones

Requires curved steel tube or coupler to connect to hose. Use coupler (#475-6428 for 38-40 mm) and (#475-6329 for 50 mm).

Mfg Part #	Size	Unit	Stock #	PRICE
40000221	1½"/38-40 mm	EA	475-6775	$61.03
40000214	2"/50 mm	EA	475-6654	$53.20

Nilfisk 8" Rubber Crevice Nozzles

Available in colors for your color-coded Nilfisk accessory applications! Made of a soft rubber which allows some flexibility to get into those tight places. 1-1/2"/38 mm diameter. Requires accessory coupler (475-6489) when connecting to 1-1/2"/38 mm hose or inlet reducer (475-6327) to connect to 2"/50 mm hose.

Color	Unit	Stock #	PRICE
White	EA	475-6586	$21.99
Yellow	EA	475-6587	$21.99
Gray	EA	475-6305	$17.72

Tapered Cone

Use to reach into hard to get places. Rigid rubber. Black.

Mfg Part #	Size	Unit	Stock #	PRICE
7-22142	1½"/38-40 mm	EA	475-6373	$120.43
7-22141	2"/50 mm	EA	475-6407	$107.09

20" Plastic Crevice Nozzles

Mfg Part #	Size	Unit	Stock #	PRICE
7-24014	1½"/38-40 mm	EA	475-6426	$39.35
7-24013	2"/50 mm	EA	475-6320	$42.37

20" Metal Crevice Nozzles

Mfg Part #	Size	Unit	Stock #	PRICE
7-21027	1½"/38-40 mm	EA	475-6341	$48.55
7-21026	2"/50 mm	EA	475-6385	$75.82

Call Customer Service at 800-826-8302

VACUUM ACCESSORIES

Double Curved Wands

Mfg Part #	Size	Unit	Stock #	PRICE
Aluminum				
7-22026	1½"/38-40 mm	EA	475-6400	$171.49
7-22025	2"/50 mm	EA	475-6322	$201.30
Stainless Steel				
40000222	1½"/38-40 mm	EA	475-6625	$322.49
40000215	2"/50 mm	EA	475-6670	$338.16

Wheeled Floor Brush with Bristles

Ideal for fine powders. 12" or 16" long, adjustable height. Replacement brushes available. Use two per brush. For 12" replacement brush, order #475-6393 and cut to size.

Mfg Part #	Description	Unit	Stock #	PRICE
12" Long				
7-22174	1½"/38-40 mm	EA	475-6374	$77.79
7-22175	2"/50 mm	EA	475-6468	$104.01
16" Long				
7-22138	1½"/38-40 mm	EA	475-6388	$97.53
7-22137	2"/50 mm	EA	475-6345	$103.78
Replacement Brush				
8-23000	16" - Use two per brush	EA	475-6393	$26.45

Wheeled Floor Nozzles with Rubber Blades

12" or 16" long, adjustable height. Replacement blade available. Two required per nozzle.

Mfg Part #	Size	Unit	Stock #	PRICE
12" Long				
7-22171	1½"/38 - 40 mm	EA	475-6474	$129.67
7-22172	2"/50mm	EA	475-6473	$173.35
16" Long				
7-22030	1½"/38 - 40 mm	EA	475-6429	$162.54
7-22029	2"/50mm	EA	475-6323	$172.97
Replacement Blade				
8-23000	16" - Use two per nozzle	EA	475-6392	$67.01
-	12" - Use two per nozzle	EA	475-6536	$11.29

Nilfisk Floor Nozzles

Mfg Part #	Size	Unit	Stock #	PRICE
12" Long				
7-22043	1½"/38 mm	EA	475-6399	$157.50
7-22039	2"/50 mm	EA	475-6353	$202.67

Aluminum Overhead Extension Wands

Use a compression coupler to make longer extensions, #475-6416 (38 mm), and #475-6347 (50 mm).

Mfg Part #	Size	Unit	Stock #	PRICE
5' Long				
01769300	1½"/38 mm	EA	475-6414	$57.89
01769320	2"/50 mm	EA	475-6359	$80.53

Overhead Wands with 90° Bend

Use with pipe brushes for quick and easy cleaning of overhead pipes.

Mfg Part #	Size	Unit	Stock #	PRICE
01769310	1½"/38 mm	EA	475-6415	$66.06
01769330	2"/50 mm	EA	475-6395	$104.29

Compression Coupler to Connect Wands

Use to connect overhead wands to extend your reach or with use of 90° bend extension to clean overhead.

Mfg Part #	Size	Unit	Stock #	PRICE
01769350	1½"/38 mm	EA	475-6416	$63.46
20659000	2"/50 mm	EA	475-6347	$96.25

Prices subject to change.

VACUUM ACCESSORIES

EXPLOSION-PROOF VACUUMS

Color-Coded 12″ Wall Brushes with Bristles

Nilfisk INDUSTRIAL VACUUM SOLUTIONS
trusted since 1906

Color-Coded

Mfg Part #	Color	Unit	Stock #	PRICE
1-1/2″/38 mm				
22431604	Yellow	EA	475-6444	$204.10
22431607	Blue	EA	475-6447	$204.10
22431602	Black	EA	475-6513	$195.06
2″/50 mm				
22434204	Yellow	EA	475-6372	$248.74
22434207	Blue	EA	475-6406	$248.74
22434202	Black	EA	475-6499	$247.79

Color-Coded Pipe Brushes

Color-Coded

Mfg Part #	Description	Unit	Stock #	PRICE
1-1/2″/38 mm				
22430904	4″ Yellow	EA	475-6417	$204.10
22430907	4″ Blue	EA	475-6420	$204.10
22430902	4″ Black	EA	475-6514	$195.06
22431004	8″ Yellow	EA	475-6421	$204.10
22431007	8″ Blue	EA	475-6424	$204.10
22431002	8″ Black	EA	475-6515	$200.92
22431104	12″ Yellow	EA	475-6448	$204.10
22431107	12″ Blue	EA	475-6451	$204.10
22431102	12″ Black	EA	475-6516	$200.92
2″/50 mm				
22433704	4″ Yellow	EA	475-6457	$267.87
22433707	4″ Blue	EA	475-6410	$267.87
22433702	4″ Black	EA	475-6493	$247.79
22433804	8″ Yellow	EA	475-6371	$267.87
22433807	8″ Blue	EA	475-6411	$267.87
22433802	8″ Black	EA	475-6492	$247.79
22433904	12″ Yellow	EA	475-6462	$267.87
22433907	12″ Blue	EA	475-6412	$267.87
22433902	12″ Black	EA	475-6491	$247.79

Explosion Proof Vacuums

Nilfisk INDUSTRIAL VACUUM SOLUTIONS
trusted since 1906

The threat of an explosion in your facility is very real. That is why OSHA recommends, and sometimes requires, manufacturers to use properly-equipped industrial vacuums as part of a regular plant mainte-nance program to collect hazardous dust. Nilfisk offers a full line of industrial vacuum cleaners to meet NFPA 652 housekeeping requirements for collecting combus-tible dust in Class I and Class II and non-classified envi-ronments.

Steps to Safely Collect Combustible Dust in Any Environment

Step 1: Understand Your Facility and Your Responsibility
It is ultimately you and your company's responsibility to select safe equipment.

Step 2: Get to Know the Regulations, Standards and Recommendations
Stay up-to-date on the current state of NFPA and OSHA regulations, standards and recommendations so you make informed decisions.

Step 3: Select the Safest Industrial Vacuum for Your Application
Select equipment that will help you become safe, and stay safe - meeting all requirements set forth by your facility, AHJ, insurance company, NFPA, OSHA, and most importantly, your users.

NFPA 652: Must-Know Facts

- Applies to all facility and operations that manufac-ture, process, blend, convey, repackage, generate, or handle combustible dusts or combustible particulate solid (1.3.2).
- Dust tests are required. They must be documented and made available to your authority having jurisdic-tion.
- Dust Hazard Analysis are required if your dust is a Kst value above 0.
- The above must be completed by September 2018.
- Vacuuming is the preferred method of cleaning.
- Blow-down is only permitted when other methods have already been used.
- Housekeeping procedures must be documented.
- Vacuum cleaners must meet the requirements laid out in Section 8.4.2.2.1, please visit www.nfpa.org for a complete guide to these standard.

See the next few pages for our Explosion-Proof Product Offering

Call Customer Service at 800-826-8302

EXPLOSION-PROOF VACUUMS

118 EXP Explosion-Proof Vacuum

This explosion-proof unit is for use in dry cleaning only and features a HEPA filter which retains 99.7% of particles, down to and including 0.3 microns. CSA approved and meets requirements for use in Class I, Group D and Class II, Groups F & G environments. All 304 stainless steel construction including container, filter chamber and trolley. A wide variety of other non-sparking, conductive accessories are available to meet a wide range of hazardous cleaning needs.

- Tank Capacity: 6.6-gallons or 13-gallons.
- Waterlift Max: 69″.
- Dimensions: 6.6-gallon, 20″L x 24″W x 45″H.
- Dimensions: 13-gallon, 20″L x 24″W x 50″H.
- Volts: 120@ 60Hz.
- Power: 1000 watts.
- CFM max: 130.
- Machine Inlet: 40 mm.

Accessory kit includes: HEPA filter, 10′ conductive polyurethane hose, accessory adapter, 2 piece aluminum wand, dust brush, crevice nozzle, floor brush.

Description	Unit	Stock #	PRICE
6.6-Gallon			
HEPA filtered vacuum w/ accessory kit	KT	475-6140	$9,141.08
Antistatic filtered vacuum, includes swivel caster, 10′ conductive hose & cuffs	EA	475-6972	$8,688.87
13-Gallon			
HEPA filtered vacuum w/ accessory kit	KT	475-6147	$10,183.49
Replacement Filters			
Antistatic main filter	EA	475-6238	$335.54
HEPA filter	EA	475-6201	$248.79
Replacement Polyliner Bags			
Conductive polyliner	EA	475-6328	$10.77

VHT437EXP Electric Explosion-Proof Vacuum

Newly designed VHT437EXP vacuum is certified explosion-proof with exceptional performance for both intermittent and continuous duty needs in combustible dust-prone environments. Features stainless steel debris container and filter chamber. Ideal for use in process-integrated and central system applications, the vacuum safely collects explosive dusts. Rated for use in Class I, Group D and Class II, Groups F and G environments.

- Tank Capacity: 13-gallon or 26-gallon.
- Waterlift Max: 85″.
- Dimensions: 13-gallon, 50.8″L x 23.6″W x 53.6″H.
- Dimensions: 26-gallon, 50.8″L x 23.6″W x 60.6″H.
- Volts: 220 @ 60Hz.
- Power: 3700 watts.
- CFM Max: 218.
- Machine Inlet: 70 mm.

Standard vacuum kit includes: HEPA filter, AISI 30455 container, manual motor starter, 50′ power cord, vacuum gauge, 70-55mm 55 inlet reducer, and exhaust check valve. Accessories sold separately.

Description	Unit	Stock #	PRICE
13-Gallon Tank Capacity			
VHT437EXP HEPA filtered vacuum	EA	475-6270	$13,841.85
26-Gallon Tank Capacity			
VHT437EXP HEPA filtered vacuum	EA	475-6272	$13,600.23
Replacement Filters			
HEPA filter	EA	475-6204	$595.36
Antistatic main filter	EA	475-6747	$506.36

Prices subject to change.

EXPLOSION-PROOF VACUUMS

A15 EXP Explosion-Proof Pneumatic Vacuum

Designed for dry material pick-up, this pneumatic unit is ideal for use in areas where electricity is unavailable or undesirable. Meets the requirements for use in Class I, Group D and Class II, Groups E, F & G environments. Container, filter chamber and trolley are made of 304 stainless steel. HEPA filtered to retain 99.97% of particles, down to and including 0.3 microns. Various other non-sparking, conductive accessories are available to meet a wide range of hazardous cleaning needs.

- Tank Capacity: 6.6 gallons.
- Waterlift Max: 157".
- Dimensions: 20"L x 24"W x 40"H.
- CFM max: 99.
- Machine Inlet: 50 mm.
- Air consumption: 30 cfm @ 90 psi.
- Airline: 1/2" dia x 50'L.

Accessory kit includes: HEPA filter, 10' Neoprene hose, 2-piece aluminum wand, dust brush, crevice nozzle, floor brush.

Description	Unit	Stock #	PRICE
HEPA filtered vacuum w/ accessory kit	KT	475-6237	$4,500.60
Replacement Filters			
Antistatic main filter	EA	475-6238	$335.54
HEPA filter	EA	475-6211	$344.76
Replacement Polyliner Bags			
Conductive polyliner	EA	475-6328	$10.77

VHC200EXP Pneumatic Explosion-Proof Vacuum

A powerful, multifunctional, compressed air vacuum that is easy to handle. Designed to safely collect wet or dry hazardous or nuisance materials. It meets the requirements for use in hazardous areas Class I - Group D and Class II - Groups E, F, & G environments. This vacuum is also ATEX-approved (Ex) for use in Zones 1, 2, 21 and 22. Container, filter chamber, and trolley are made out of 304 stainless steel. HEPA filtered to retain 99.97% of particles, down to and including 0.3 microns.

- Tank Capacity: 26 gallon.
- Waterlift Max: 177".
- Dimensions: 32"L x 24"W x 63"H.
- CFM Max: 200.
- Machine Inlet: 70 mm.
- Recommended Compressor Size: 18-23 HP.
- Air Consumption: 70 cfm @ 90psi.
- Airline: 3/4" dia x 30'.

Vacuum uses universal Chicago "twist-claw" fittings. Do not use standard-type "quick-disconnect" fitting when connecting to air lines.

Standard vacuum kit includes: HEPA filter, antistatic looking swivel casters, 3/4" diameter conductive air line, air regulator, ground cable with clamp, and lid mounted manual filter shaker. Accessories sold separately.

Description	Unit	Stock #	PRICE
VHC200EXP HEPA filtered vacuum	EA	475-6873	$9,238.43
VHC200EXP HEPA filtered vacuum with polyliner adapter kit	EA	475-6874	$9,291.18
VHC Replacement Filters			
HEPA filter	EA	475-6204	$595.36
Antistatic main filter	EA	475-6747	$506.36
Replacement Polyliner Bags			
Conductive polyliners	EA	475-6610	$16.64

Call Customer Service at 800-826-8302

EXPLOSION-PROOF ACCESSORIES

Explosion-Proof SS Inlet Reducer

Nilfisk INDUSTRIAL VACUUM SOLUTIONS
trusted since 1906

Use these inlet reducers to connect your hoses to your accessories of different diameters. Made from Stainless Steel Food-Grade material.

Diameter	Unit	Stock #	PRICE
50-40 mm/ 2" - 1-1/2"	EA	475-6574	$105.48
70-40 mm/ 2-3/4" - 1-1/2"	EA	475-6748	$132.19
70-55 mm/ 2-3/4" - 2"	EA	475-6630	$105.80

Explosion-Proof Conductive Poly Hose

Spring steel wire with carbon impregnated polyurethane coating, keeps safety in the forefront of cleaning the dust out of your facility. Use with the anti-static hose cuffs and other various Exp accessories to complete your cleaning needs for your facility and maintain a dust free safe environment for your employees. Temperature rating of -22°F to 195°F. Sold by the meter, one meter equals 3.2808'. 15 meters/roll.

Diameter	Unit	Stock #	PRICE
40 mm/1-1/2"	MR	475-6751	$109.97
50 mm/2"	MR	475-6656	$122.39

Nilfisk Anti-Static Hose Cuffs

Need two per hose. Use with Nilfisk black hose or yellow/black hoses.

Size	Unit	Stock #	PRICE
1½"/38-40 mm	EA	475-6343	$20.76
2"/50 mm	EA	475-6330	$25.93

Explosion-Proof SS Curved Tube

Use to attach accessories to your hose while providing an ideal angle for cleaning. Made from Stainless steel food-grade material.

Diameter	Unit	Stock #	PRICE
40mm/1-1/2"	EA	475-6749	$146.12
50mm/2"	EA	475-6750	$172.74

Explosion-Proof Conductive Rubber Nozzle

Requires a curved steel tube or coupler to attach to hose. Made from a food-grade conductive black rubber. Use 475-6574 adapter to fit 50mm nozzle to 40mm hose and the 475-6685 adapter allows the nozzle to fit onto the 50mm hose.

Diameter	Unit	Stock #	PRICE
50mm	EA	475-6358	$50.09

Rubber Cones

Requires curved steel tube or coupler to connect to hose. Use coupler (#475-6428 for 38-40 mm) and (#475-6329 for 50 mm).

Mfg Part #	Size	Unit	Stock #	PRICE
40000221	1½"/38-40 mm	EA	475-6775	$61.03
40000214	2"/50 mm	EA	475-6654	$53.20

Explosion-Proof 20" SS Crevice Nozzle

Use with the curved tube to maintain a dust free facility. Requires the curved steel tube or coupler to attach to your hose. For the 40mm nozzle use 40mm coupler 475-6533. For 50mm nozzle, use 50mm coupler 475-6685.

Diameter	Unit	Stock #	PRICE
40mm/1-1/2"	EA	475-6677	$250.51
50mm/2"	EA	475-6780	$266.92

Explosion-Proof Double Curved SS Wands

Mfg Part #	Size	Unit	Stock #	PRICE
Stainless Steel				
40000215	1½"/38-40 mm	EA	475-6625	$322.49
40000222	2"/50 mm	EA	475-6670	$338.16

Explosion-Proof 16" SS Wheeled Floor Nozzle

Use these floor nozzles with the double curved wands to maintain a dust free facility floor. Made from stainless steel food-grade material.

Diameter	Unit	Stock #	PRICE
40 mm/1-1/2"	EA	475-6675	$487.47
50 mm/2"	EA	475-6655	$366.18

Aluminum Overhead Extension Wands

Use a compression coupler to make longer extensions, #475-6416 (38 mm), and #475-6347 (50 mm).

Mfg Part #	Size	Unit	Stock #	PRICE
5' Long				
01769300	1½"/38 mm	EA	475-6414	$57.89
01769320	2"/50 mm	EA	475-6359	$80.53

Prices subject to change.

EXPLOSION-PROOF ACCESSORIES

SPECIALTY VACUUMS

Overhead Wands with 90° Bend

Use with pipe brushes for quick and easy cleaning of overhead pipes.

Mfg Part #	Size	Stock #	PRICE
01769310	1½"/38 mm	475-6415	$66.06
01769330	2"/50 mm	475-6395	$104.29

Compression Coupler to Connect Wands

Use to connect overhead wands to extend your reach or with use of 90° bend extension to clean overhead.

Mfg Part #	Size	Stock #	PRICE
01769350	1½"/38 mm	475-6416	$63.46
20659000	2"/50 mm	475-6347	$96.25

Explosion-Proof 12" Wall Brush

Eliminate dangers from dust with this wall brush accessory to go with your explosion proof vacuum. Made with Stainless steel and black bristles, this wall brush works with the overhead wands to ensure all your walls are clean and dust free.

Diameter	Unit	Stock #	PRICE
38 mm/1½"	EA	475-6591	$262.79
50 mm/2"	EA	475-6595	$344.90

Explosion-Proof Pipe Brush

Eliminate dangers from dust with this pipe brush accessory to go with your explosion proof vacuum. Made with Stainless steel and black bristles, this pipe brush works with the overhead wands to ensure all your pipes are clean and dust free. Available in several sizes and two diameters.

Size	Diameter	Unit	Stock #	PRICE
4"	38mm/1½"	EA	475-6588	$262.79
8"	38mm/1½"	EA	475-6589	$262.79
12"	38mm/1½"	EA	475-6590	$262.79
4"	50mm/2"	EA	475-6592	$344.90
8"	50mm/2"	EA	475-6593	$344.90
12"	50mm/2"	EA	475-6594	$344.90

GM 80CR Cleanroom Vacuum

The portable GM 80CR is specially designed and packaged for cleanrooms and other areas that require the highest level of sanitation. Through its unique four-stage filtration system, the GM 80CR safely collects and retains fine dust and powders. It is equipped with an ULPA - retains 99.999% of particles, down to 0.12 microns - exhaust filter and is able to meet cleanroom standards up to and including Class 10 (ISO 4). The GM 80CR's motor is interference suppressed so it will not affect electronic equipment in cleanrooms.

- Tank Capacity: 3.24-gallon.
- Waterlift Max: 84".
- CFM Max: 80.
- Dimensions: 14"L x 12"W x 16"H.
- Volts: 115 @ 60Hz.
- Power: 1100 watts.

Accessory Kit Includes: 30' power cord, 10' anti-static hose, dust brush, crevice nozzle, floor nozzle, 2-piece stainless steel wand, utility nozzle, tool caddy, detachable trolley, package of five paper bags.

Description	Unit	Stock #	PRICE
GM 80CR with accessory kit	KT	475-6251	$1,428.05
GM 80CR Replacement Filters			
Exhaust ULPA filter	EA	475-6790	$312.62
Standard main cotton filter	EA	475-6405	$102.17
Polyester microfilter	EA	475-6202	$41.97
GM 80CR Replacement Bag			
Dust bag 5/pk	PK	475-6339	$25.10

Specialty and Wet/Dry Vacuums on the next page...

Call Customer Service at 800-826-8302

SPECIALTY VACUUMS

GD10 Back Vacuum

Designed with comfort and ease-of-use in mind. For its small size, it is incredibly powerful and equipped with various features for fast, effective cleaning in a variety of applications. A HEPA filter is standard. Exhaust air is directed away from the user to avoid operator discomfort. Accessories are stored on the belt for easy reach. On/Off switch is also located on the belt for easy accessibility.

- Dust bag capacity: 1.8 gallon.
- Waterlift Max: 96".
- CFM Max: 139.
- Dimensions: 9.4"W x 23"H.
- Volts: 120 at 60 HZ.
- Power: 1300 watts.
- Weight: 10.8 lbs.

Standard package includes: HEPA filter, sack filter, dust bag, tapered plastic hose with curved plastic tube, telescoping wand, combination floor nozzle, dust brush, crevice cone, package of 5 dust bags and extra exhaust filter.

Description	Unit	Stock #	PRICE
GD10 back vacuum package	EA	475-6126	$712.19
Replacement Filters			
HEPA filter	EA	475-6228	$103.22
Sack filter	EA	475-6226	$48.17
Exhaust filter	PK	475-6230	$20.62
Motor prefilter (3/pk)	PK	475-6232	$11.73
Replacement Bag			
Dust bag (5/pk)	PK	475-6234	$24.09

WET/DRY VACUUMS

Eliminator Pro II Hepa Wet/Dry Vacuum

Fill the void between the larger industrial vacuum systems and the smaller shop vacuum units with the Eliminator Vacuum by Nilfisk. This vacuum is unlike anything else on the market today. The same Nilfisk quality and HEPA filtration that you've come to expect, but for a fraction of the cost. The eliminator II is safe and effective in the clean up of nuisance dust and debris. Eliminator vacuums are designed to withstand regular use in rugged applications, while maintaining strong suction and filtration.

- Tank Capacity: 12-gallon.
- Waterlift Max: 89".
- CFM Max: 130.
- Dimensions: 26.5"L x 17.25"W x 36.5"H.
- Volts: 120v.
- Power: 1000 watts.
- Weight: 35 lbs.

Standard Package Includes: HEPA Filter, 50' power cord, 2.5 meter (8.2') hose assembly, SS extension wand (2-piece), floor nozzle with brush, floor nozzle with squeegee, crevice nozzle, round brush, and disposable bag.

Unit	Stock #	PRICE
KT	475-7220	$968.00

Prices subject to change.

Aero 21-01 PC HEPA Wet/Dry Vacuum

The smallest models in the Aero series with compact design and easy to use features—the ideal choice for smaller cleaning jobs in workshops or at customer sites. The 5 gallon machine has efficient suction performance and plastic construction with robust trolley and lifting handle.

- Hose: 1.25" x 11.5'.
- Volts: 120.
- Power: 1000.
- CFM Max: 127.
- Water Lift Max: 84".
- Volume: 5-Gallon.
- Dimensions: 15"L x 15"W x 20"H.

Standard Package Includes: push & clean filter cleaning system, 2 piece aluminum extension tube, 1 filter bag, HEPA filter, universal nozzle, wet/dry floor nozzle, crevice nozzle, and tube holder kit.

Description	Unit	Stock #	PRICE
Wet/Dry Vacuum	KT	475-7201	$317.12
2 Piece Aluminum Extension Pole	EA	475-6979	$51.86
Hose w/ Hand Tube 11' x 1.25"	EA	475-6980	$59.84
2 Piece Plastic Extension Tube	EA	475-6981	$24.99
Tube Holder Kit	EA	475-6982	$12.57
Wet/Dry Floor Nozzle	EA	475-6983	$26.20
Switchable Soil Nozzle	EA	475-6984	$52.38
Universal Nozzle	EA	475-6985	$9.42
Crevice Nozzle	EA	475-6986	$5.49
Suction Brush Nozzle	EA	475-6987	$6.71

Attix 30 HEPA Vacuum

The Attix 30 HEPA represents a new possibility of achieving superior suction power in a durable, flexible wet/dry vacuum. It features ergonomic design in a slim package that is easy to transport and store.

- Hose: 1.5" x 10'.
- Volts: 120.
- Power: 1000.
- CFM Max: 135
- Water Lift Max: 92".
- Volume: 8-Gallon.
- Dimensions: 18"L x 15"W x 23"H.

Standard Package Includes: standard push and clean filter system, chrome curved wand, 2 piece chrome extension wand, 1 filter bag, HEPA filter, wet/dry floor nozzle, crevice nozzle, brush nozzle, universal nozzle, and tube holder kit.

Description	Unit	Stock #	PRICE
Wet/Dry Vacuum	KT	475-7208	$655.44

Attix 33-01 IC HEPA Vacuum

The Attix models were built with real working applications in mind to deliver high performance, increased productivity and lower maintenance costs. The filter cleaning technology automatically cleans the filter every 15 seconds to keep the working environment dust free. These dust extractors pack high suction power, provide optimal safety and maximum filtration, all while including several other user benefits designed to meet tough requirements in building and construction and other industries.

- Hose: 1.5" x 10'.
- Volts: 120.
- Power: 1000.
- CFM Max: 148.
- Waterlift Max: 92".
- Volume: 8-gallon dry; 5.2-gallon wet.
- Dimensions: 32"L x 16"W x 25"H.

Standard Package Includes: 1.5"x10' hose, chrome curved wand, 2pc chrome extension wand, floor nozzle, crevice nozzle, brush nozzle, universal nozzle, 1 paper collection bag, and HEPA filter.

Description	Unit	Stock #	PRICE
Wet/Dry Vacuum	KT	475-6976	$718.17

Attix 44-21 IC HEPA Vacuum

The Attix models were built with real working applications in mind to deliver high performance, increased productivity and lower maintenance costs. The filter cleaning technology automatically cleans the filter every 15 seconds to keep the working environment dust free. These dust extractors pack high suction power, provide optimal safety and maximum filtration, all while including several other user benefits designed to meet tough requirements in building and construction and other industries.

- Hose: 1.5" x 10'.
- Volts: 120.
- Power: 890.
- CFM Max: 148.
- Waterlift Max: 92"
- Volume: 11-gallon dry; 7.8 gallon wet.
- Dimensions: 36"L x 16"W x 28"H.

Standard Package Includes: 1.5" x 10' hose, chrome curved wand, 2pc chrome extension wand, floor nozzle, crevice nozzle, brush nozzle, universal nozzle, 1 paper collection bag, and HEPA filter.

Description	Unit	Stock #	PRICE
Wet/Dry Vacuum	KT	475-6977	$866.47

Call Customer Service at 800-826-8302

WET/DRY VACUUMS

Attix 50 HEPA Wet/Dry Vacuum

The Attix 50 HEPA is the solution for demanding users with a high frequency of cleaning. User-friendly operation and functional design ensure better performance and reliability, with wet and dry capabilities.

- Hose: 1.5" x 10'.
- Volts: 120.
- Power: 1000.
- CFM Max: 135.
- Water Lift Max: 92".
- Volume: 12-Gallon.
- Dimensions: 18"L x 15"W x 30"H.

Standard Package Includes: standard push and clean filter system, chrome curved wand, 2 piece chrome extension wand, wet/dry floor nozzle, crevice nozzle, brush nozzle, universal nozzle, 1 filter bag, HEPA filter, and tube holder kit.

Description	Unit	Stock #	PRICE
Wet/Dry Vacuum	KT	475-7211	$751.83

Attix 19 HEPA Wet/Dry Vacuum

The Attix 19 HEPA offers power in the form of two-stage turbines, but at a silent level of 57 dB(A). Stainless steel frame and canister make it rugged and dependable, while still easy to handle. The tilting, removable container is extremely user-friendly.

- Hose: 1.5" x 15'.
- Volts: 120.
- Power: 1200 W.
- CFM Max: 140.
- Water Lift Max: 105".
- Volume: 19-Gallon.
- Dimensions: 24"L x 23"W x 38"H.

Standard Package Includes: accessory holder, cable hook, rubber cable, soft start, tool deposit, curved stainless steel wand, crevice nozzle, rubber nozzle, 1 paper bag, HEPA filter.

Description	Unit	Stock #	PRICE
Wet/Dry Vacuum	KT	475-7214	$1,429.45

Attix 19 AE Flood Sucker Vacuum

The Attix 19 AE Flood Sucker offers power in the form of collecting and discharging nearly one gallon of water per second. It is the ideal solution for plant emergency response clean-up and wet applications. The ultimate sump pump vacuum, it separates solids into a stainless steel basket inside the canister while liquids are simultaneously discharged through a lay flat hose. It can be operated in three models – vacuum only, pump only, or vacuum and pump.

- Hose: 1.5" x 13'.
- Volts: 120.
- Power: 1000 W.
- CFM Max: 140.
- Water Lift Max: 105".
- Volume: 19-Gallon.
- Dimensions: 24"L x 23"W x 38"H.

Standard Package Includes: 25' lay-flat discharge hose, curved stainless steel wand, 2 piece extension tube, industrial squeegee, and tool holder.

Description	Unit	Stock #	PRICE
Wet/Dry Vacuum	KT	475-6296	$2,890.74

Attix Accessories

For use with any Nilfisk Attix vacuum model.

Description	Unit	Stock #	PRICE
Standard Hose 10' x 1.5"	EA	475-6988	$73.34
Anti-Static Hose 16' x 1.25"	EA	475-6989	$166.62
1.5" Hose Cuff	EA	475-6990	$16.16
1.25" Hose Cuff	EA	475-6991	$10.47
2 Piece SS Extension Wand 1.5"	EA	475-6992	$35.04
SS Curved Wand	EA	475-6993	$63.43
Aluminum 13" Floor Nozzle	EA	475-6994	$174.16
Aluminum 18" Floor Nozzle	EA	475-6995	$262.78
Turbo Nozzle	EA	475-6996	$126.62
Universal Nozzle	EA	475-6985	$9.42
12" Crevice Nozzle	EA	475-6997	$7.07
6" Rubber Cone	EA	475-6998	$12.96
9" Plastic Brush Nozzle	EA	475-6999	$16.25
Suction Brush	EA	475-7001	$15.41

Prices subject to change.

SURFACE SANITATION

Alpet® D2 Surface Sanitizer & Disinfectant

Alpet D2 is a ready-to-use, no-rinse, alcohol/quat sanitizer for food contact surfaces and disinfectant for non-food contact surfaces. Alpet D2 is highly evaporative and non-corrosive, making it ideal for water sensitive equipment and low-moisture environments. Alpet D2 sanitizes in 60 seconds and disinfects in 5 minutes. Kills 99.999% of 9 tested pathogens as a food contact surface sanitizer. Kosher, Pareve and Halal certified.

Description	Pkg	Unit	Stock #	PRICE
4-oz Spray bottle	24/ca	CA	764-5201	$198.38
Quart bottle w/sprayer	12/ca	CA	764-7014	$106.33
5-Gallon tote w/spigot	5 gal	PK	764-7016	$107.07
50-Gallon drum	50 gal	DR	764-5203	$677.03

Alpet® D2 Surface Sanitizing Wipes

Alpet D2 Surface Sanitizing Wipes are a ready-to-use, no-rinse, lintless wiping system for food contact surfaces. Able to clean and sanitize, Alpet D2 Surface Sanitizing Wipes are available in a heavy-duty 90 count wipe and a 160 count medium-duty wipe. With a 58% isopropyl alcohol/quat formulation, these wipes are ideal for water sensitive equipment. Kills 99.999% of Staphylococcus aureus (ATCC 6538) and Escherichia coli (ATCC 11299) on hard, non-porous surfaces in 60 seconds. Kosher, Pareve and Halal certified.

Pkg	Unit	Stock #	PRICE
Medium-Duty Wipes			
160 wipes/can, 6 cans/ca	CA	764-5160	$89.61
160 wipes/can	CN	764-5162	$16.38
Heavy-Duty Wipes			
90 wipes/can, 6 cans/ca	CA	764-5204	$89.61
90 wipes/can	CN	764-5206	$16.38

Refillable Wiping System

Save money with this refillable wiping system. Each canister contains either 90 thick, extra heavy-duty, durable wipes or 160 medium-duty wipes suited to any industrial environment. When the canister goes empty, just reorder the wipe refills, and reuse the durable canister to save money and reduce waste. The wipes in each canister come dry. Add 1-quart of either Alpet® D2 or Alpet® E3 Plus to create the wiping system of your choosing. The spring-loaded lid self closes to prevent any of the wipes from drying out.

Description	Capacity	Pkg	Unit	Stock #	PRICE
Canister with Wipes					
Medium-duty	160 wipes	6/ca	CA	764-2317	$77.71
Heavy-duty	90 wipes	6/ca	CA	764-7017	$71.12
Wipe Refills					
Medium-duty	160 wipes	6/ca	CA	764-2318	$53.92
Heavy-duty	90 wipes	6/ca	CA	764-7019	$51.76

Wall Bracket for Wipes

This lockable wall bracket for wipes is perfect for food processors looking for a wipe bracket with a small footprint. Key included with bracket. Use with any Alpet® Sanitizing Wipes. 4-3/16"H x 4-1/4"W x 6"D. 4-15/16" opening.

Color	Unit	Stock #	PRICE
Black	EA	764-7018	$19.15
White	EA	764-2312	$19.15

More Suface Sanitation products on the next page...

Call Customer Service at 800-826-8302

SURFACE SANITATION

Alpet® D2 Starter Kit

Are case quantities more than you can use? Would you just like to purchase a smaller quantity to try before making a larger investment? Then try our convenient Starter Kit. Includes (2) quart bottles of Alpet D2 surface sanitizer with spray nozzles, (1) canister with heavy-duty dry wipes, and (1) roll of heavy-duty refill wipes.

Description	Unit	Stock #	PRICE
Starter Kit	KT	764-5225	$46.35

KIMTECH PREP* Surface Sanitizer Wipes

Sanitize in one step with a fresh, clean wipe every time! Eliminates bacteria transfer between dirty rags and surfaces. Kill 99.999% of bacteria on hard, non-porous surfaces in 60 seconds. FDA approved for food contact surfaces, with no rinsing required. 12" x 12" wipes in a pop up canister. 30 wipes/canister. White.

Mfg Part #	Pkg	Unit	Stock #	PRICE
58040	1 canister	CN	371-5906	$11.02
58040	8 canisters/ca	CA	371-5904	$72.13

EfferSan™

Highly effective multipurpose sanitizer, disinfectant and deodorizer. A convenient, effervescent tablet, EfferSan is easy to store, handle and prepare for use. When dissolved in water, it creates a versatile sanitizing solution that can help ensure the quality and safety of your final food products. The advanced chlorine molecule found in EfferSan yields a pH-neutral solution that is mild on skin and surfaces. EPA-registered for use in food and beverage processing operations. 100 tablets per jar.

- Highly effective, broad spectrum sanitizer and disinfectant.
- Mild, pH-neutral formula with twice the effectiveness of chlorine.
- One-step application - no rinsing required.
- Effective odor control.
- Convenient tablet form.
- 300 gallons of sanitizer in a 1 pound jar @ 100 PPM.

Description	Unit	Stock #	PRICE
24 tablets/jr	JR	004-5010	$27.17
100 tablets/jr	JR	004-5015	$78.00
Pre-Labeled Reusable Containers			
32-oz spray bottle	EA	004-5001	$3.32
2 gal sprayer	EA	004-5002	$22.44

Prices subject to change.

WALL MOUNTED SINKS

Wall Mounted - Sensor Activated

Hands-free, sensor activated unit with a seamless design to meet USDA requirements. Heavy gauge 304 stainless steel and the electropolished finish resist corrosion. Features a gooseneck faucet, mixing valve, duo basket strainer, and wall mount bracket. AC or battery powered with adjustable sensor range. Certified NSF Standard 2 - Food Equipment and NSF/ANSI 372 Low-Lead.

Bowl Size (L x W x D)	Activation	Overall Size	Unit	Stock #	PRICE
17" x 14" x 7"	AC Power	19"L x 18"W x 16½"H	EA	130-2505	$1,086.94
17" x 14" x 7"	Battery	19"L x 18"W x 16½"H	EA	130-2520	$1,080.65

Wall Mounted - Knee Valve Operated

Knee valve operated faucet provides true hands-free operation. Splash mounted gooseneck faucet with aerator, basket drain and wall mount bracket are included. Apron conceals plumbing on all three sides. Available in two sizes to meet your space requirements. Designed to meet USDA requirements. Faucets are AB 1953 lead free compliant.

Bowl Size (L X W X D)	Overall Size	Unit	Stock #	PRICE
10" x 14" x 5"	15¼"L x 17¼"W	EA	235-7000	$840.34
16" x 14" x 6"	21¼"L x 17¼"W	EA	235-1006	$1,023.07

Stainless Hand Wash Sinks

Meet sanitary regulations in the plant and the dairyman's milkhouse with this efficient little wash sink, complete with faucet and drain. Easy care. No seams. No rust. Built-in brackets for easy installation.

Dimensions	Unit	Stock #	PRICE
12¾"L x 12¾"W x 4"D	EA	402-6005	$183.02

More Sinks on the next page...

Wall Mounted - With Handles

Features a large, 8" deep bowl and a gooseneck faucet with standard hot and cold handles mounted on a stainless steel backsplash. Includes basket drain and wall mount bracket. Seamless design meets USDA requirements. Faucets are AB 1953 lead free compliant.

Bowl Size (L x W x D)	Overall Size	Unit	Stock #	PRICE
16" x 20" x 8"	22"L x 25"W	EA	235-7003	$609.47

PEDESTAL MOUNTED SINKS

Pedestal Mounted - Sensor Activated

Hands-free, electronic, gooseneck faucet with pedestal base. Meets USDA requirements. Faucet conforms to NSF-61 Standard 9 and is AB1953 Lead Free Compliant. Includes AC/DC control module, sensor, 4 AA batteries, spout, basket drain and wall bracket, seamless sink design from heavy gauge 304 stainless steel. Ships via UPS.

Bowl Size (L X W X D)	Overall Size	Unit	Stock #	PRICE
10"Lx 14" x 5"	15¼"L x 17¼"W x 42"H	EA	235-1040	$1,771.77

Pedestal Mounted - Foot Pedal Activated

Foot pedal activated and mount flush to the wall with the keyhole wall mount bracket. The single pedal mixing valve has a built in check valve and front operated temperature adjustment. Easy removable panel gives quick access to hidden plumbing. Gooseneck faucet and basket drain included. Designed to meet USDA requirements. Faucet conforms to NSF-61 Standard 9 and is AB1953 Lead Free Compliant. Available with two different bowl sizes to meet your needs.

Bowl Size (L X W X D)	Overall Size	Unit	Stock #	PRICE
10" x 14" x 5"	15¼"L x 17¼"W x 42"H	EA	235-1020	$897.49
16" x 14" x 6"	21¼"L x 17¼"W x 42"H	EA	235-1025	$988.94

Call Customer Service at 800-826-8302

ALL-IN-ONE UNIT SINKS

Wall Mounted - All-In-One Unit, Knee Valve Operated

When space is limited consider this all-in-one unit that incorporates a soap and C-fold towel dispenser with the sink. Knee valve operation and gooseneck faucet makes this a good choice for any food plant as this was designed to meet USDA requirements. Basket drain and wall bracket are included. Faucet conforms to NSF-61 Standard 9 and is AB1953 Lead Free Compliant. Similar model also available with electronic or manual faucet.

Bowl Size	Overall Size	Wt	Unit	Stock #	PRICE
10"L x 14"W x 5"D	15¼"L 17¼"W x 30⅝"H	38	EA	235-1014	$1,226.45

MULTI-STATION SINKS

Multi-Station Hand Wash Sinks - Sensor Activated

Pick the size that meets your needs with 2, 4, or 6 -person wash stations. Hands-free activation with adjustable sensor range. Heavy-duty 16 gauge 304 stainless steel construction with gooseneck faucets. Features a 10" backsplash, 2" drain opening, mixing valve, spouts with aerator, connecting tube with fittings, and strainers with baskets. Certified NSF Standard 2 - Food Equipment and NSF/ANSI 372 Low-Lead. Available in sizes up to 8 person units. Call us for more details.

Floor Mount

Activation	Size	Bowl ID	OAL Dimensions	Wt	Unit	Stock #	PRICE
AC Power	2-person	37"L x 16½"W x 8"D	40"L x 20"W x 45"H	92	EA	130-2122	$2,884.45
AC Power	4-person	77"L x 16½"W x 8"D	80"L x 20"W x 45"H	212	EA	130-2124	$5,090.50
AC Power	6-person	117"L x 16½"W x 8"D	120"L x 20"W x 45"H	253	EA	130-2126	$7,203.71

Wall Mount

Activation	Size	Bowl ID	OAL Dimensions	Wt	Unit	Stock #	PRICE
AC Power	2-person	37"L x 16½"W x 8"D	40"L x 20"W x 18"H	66	EA	130-1154	$2,467.26
Battery	2-person	37"L x 16½"W x 8"D	40"L x 20"W x 18"H	66	EA	130-1155	$2,461.07
AC Power	4-person	77"L x 16½"W x 8"D	80"L x 20"W x 18"H	164	EA	130-1158	$4,362.58
Battery	4-person	77"L x 16½"W x 8"D	80"L x 20"W x 18"H	164	EA	130-1159	$4,356.40
AC Power	6-person	117"L x 16½"W x 8"D	120"L x 20"W x 18"H	182	EA	130-1552	$6,468.36

Prices subject to change.

MULTI-STATION SINKS

Multi-Station Hand Wash Sinks - Pedal Activated

Easy to use double foot or knee pedal operated sink constructed of heavy-duty 16 gauge, 304 stainless steel. Multiple stations include gooseneck faucets, 10" backsplash and wall mounting bracket. Includes spouts with aerator, connecting tube with fittings, strainers with baskets. Certified NSF Standard 2 - Food Equipment and NSF/ANSI 372 Low-Lead. Available in sizes up to 8 person with single or double foot or knee operated.

Foot Pedal Operated

Size	Bowl ID	Dimensions	Wt	Unit	Stock #	PRICE
2-person	37" x 16½" x 8"D	40"L x 20"W x 45"H	91	EA	130-2322	$2,044.00
3-person	57" x 16½" x 8"D	60"L x 20"W x 45"H	120	EA	130-1556	$2,585.89
4-person	77" x 16½" x 8"D	80"L x 20"W x 45"H	210	EA	130-2324	$3,431.01
6-person	117" x 16½" x 8"D	120"L x 20"W x 45"H	250	EA	130-1512	$4,876.98

Wall Mount - Double Knee

Size	Bowl ID	Dimensions	Wt	Unit	Stock #	PRICE
2-person	37" x 16½" x 8"D	40"L x 20"W x 18"H	91	EA	130-1932	$1,636.89
3-person	57" x 16½" x 8"D	60"L x 20"W x 18"H	0	EA	130-1939	$2,041.20
4-person	77" x 16½" x 8"D	80"L x 20"W x 18"H	.6	EA	130-1934	$2,616.77

FAUCETS

Touchless AutoFaucet® with "Surround Sensor"

Our AutoFaucet gives you the touch-free advantage of "Surround Sensor" technology (no infrared). The AutoFaucet senses users from any angle guaranteeing activation the first time, every time. Providing the user with water ONLY when needed, reduces water usage and provides savings up to 70% on water costs associated with faucet usage. Dry cam-gear technology controls water flow and eliminates sticking solenoid valves that cause dripping.

Complies with California AB1593 and Vermont Act 193 for lead content regulations in non-drinking water plumbing fixtures.

All mechanical and electrical components are contained in every kit. Units come semi-assembled to reduce installation time. 4" Center Set. Includes: spout, valve control module, thermostatic mixing valve and hot/cold supply hoses (3/8" comp. x 3/8" comp. x 12" length). Powered by 4 D-cell alkaline batteries (included), delivering approximately 400,000 cycles. Optional AC adapter is available.

Unit	Stock #	DF=79
EA	564-2484	$709.85

Mixing Faucet and Valve

Brass mixing units with chrome metal handles. Cast wall brackets. Faucet #692-6010 is useful above a wash tank. Unions allow hookup to iron, copper or plastic pipe. #692-6015 is a chrome plated mixing valve for hose or sanitizer unit.

Description	Unit	Stock #	PRICE
Mixing faucet w/bracket	EA	692-6010	$65.75
Mixing valve w/o bracket	EA	692-6015	$54.22

Call Customer Service at 800-826-8302

E2 HAND SOAPS & DISPENSERS

Alpet® E2 Sanitizing Foam Soap

An ideal foaming soap for all food processing environments. Powerful 1.5% PCMX formula is effective against many common food borne pathogens. Each gallon provides over 3,150 applications, while the 1250 mL refills provide over 1,667 applications, providing efficiency and saving money. Kosher certified and Pareve. Does not contain triclosan.

Size	Pkg	Unit	Stock #	PRICE
1250 mL/1.25 L VersaClenz cartridge	6/ca	CA	764-5428	$74.85
1-Gallon jug	4/ca	CA	764-5405	$70.88
55-Gallon drum	55-gal	DR	764-5427	$703.23

Alpet® Q E2 Sanitizing Foam Soap

Similar to Alpet E2 and just as equally suited for the food industry, but engineered with a Benzalkonium Chloride formula and additional moisturizers. A very cost-effective product that still provides over 3,150 applications per gallon and over 1,677 applications per 1250 mL refill. Kosher, Pareve, and Halal certified. Does not contain Triclosan.

Size	Pkg	Unit	Stock #	PRICE
1250 mL/1.25 Liter VersaClenz cartridge	6/ca	CA	764-5429	$64.73
1-Gallon Jug	4/ca	CA	764-5433	$55.28
55-Gallon Drum	55-gal	DR	764-5435	$511.34

HACCP Q E2 Sanitizing Liquid Soap

A powerful sanitizing hand soap for all food processing environments. Formulated with .12% Benzalkonium Chloride. Yields over 3,150 applications per gallon. Use to refill most standard bulk-fill dispensers. Meets USDA requirements for use in all food manufacturing facilities. Does not contain Triclosan.

Pkg	Wt	Unit	Stock #	PRICE
4 gal/ca	9.2375	CA	764-5406	$59.71
55-gal	480	DR	764-2438	$715.12

Stainless Steel Gallon Wall Bracket

A simple solution for facilities that dispense soap and sanitizer from gallon pump bottles. Mounts flush against the wall. Stainless steel construction. Includes pump kit to fit 1-gallon jug. Purchase liquid pump to use with liquid soaps. 7"W x 9"H x 7"D.

Description	Refill Product	Unit	Stock #	PRICE
Bracket w/ 1-gallon foam pump kit	Alpet E2 Foam Soap - 764-5405 Alpet Q E2 Foam Soap - 764-5433 Alpet E3 Foam Sanitizer - 764-5126	EA	764-2112	$49.72
Replacement 1-gallon foam pump kit	--	EA	764-2437	$6.39
Bracket w/ 1-gallon atomizing pump kit	Alpet E3 Plus Hand Sanitizer Spray - 764-7020 Alpet E3 Hand Sanitizer Spray - 764-5105	EA	764-2116	$49.72
Replacement 1-gallon atomizing pump kit	--	EA	764-2138	$12.77

Prices subject to change.

E2 HAND SOAPS & DISPENSERS

1-2 Knockout Stainless Steel Wrist Dispenser

Hands-free operation reduces cross-contamination while the heavy-duty stainless steel construction is suitable for wet or dry environments. No filling required, simply remove the empty 1-gallon jug and replace with another. Container mounts upright in the dispenser, eliminating dripping and leakage. 3"W x 16"H x 5"D. Purchase liquid pump to use with liquid soaps.

Description	Refill Product	Unit	Stock #	PRICE
Dispenser w/ 1-gallon foam pump kit	Alpet E2 Foam Soap - 764-5405 Alpet QE2 Foam Soap - 764-5433 Alpet E3 Foam Sanitizer - 764-5126	EA	764-2137	$75.21
Replacement 1-gallon foam pump kit	--	EA	764-2134	$6.39
Dispenser w/ 1-gallon atomized pump kit	Alpet E3 Plus Hand Sanitizer - 764-7020 Alpet E3 Hand Sanitizer - 764-5105	EA	764-2128	$61.31
Replacement 1-gallon atomizing pump kit	--	EA	764-2130	$12.77
Replacement 1-gallon liquid soap pump kit	--	EA	764-2138	$12.77

E-Z Step Wall Mount Dispenser

Foot-activated dispenser which provides hands-free operation to reduce cross-contamination. Wall-mountable, yet allows for easy cleaning of the floor beneath the unit. Designed to dispense product from 1-gallon containers. Heavy-duty stainless steel construction is suitable for wet or dry environments. Purchase liquid soap pump kit for use with liquid soaps. 4"W x 48"H x 4"D.

Description	Refill Product	Unit	Stock #	PRICE
Dispenser w/ 1-gallon foam pump kit	Alpet E2 Foam Soap - 764-5405 Alpet Q E2 Foam Soap - 764-5433 Alpet E3 Foam Sanitizer - 764-5126	EA	764-2133	$184.50
Replacement foam soap pump	--	EA	764-2134	$6.39
Dispenser w/ 1-gallon atomized pump kit	Alpet E3 Plus Hand Sanitizer Spray - 764-7020 Alpet E3 Hand Sanitizer Spray - 764-5105	EA	764-2132	$184.50
Replacement 1-gallon atomizing pump kit	--	EA	764-2130	$12.77
Replacement 1-gallon liquid soap pump kit	--	EA	764-2138	$12.77

EZ-Step Portable Foot-Activated Alpet Dispenser

This portable free standing stainless steel pedestal base unit holds a 1-gallon container. Unit comes completely assembled and includes reusable atomized pump kit. Purchase additional pump kits to use with other products. 17"W x 42"H x 19"D.

Description	Refill Product	Unit	Stock #	PRICE
Dispenser	Alpet E2 Foam Soap - 764-5405 Alpet Q E2 Foam Soap - 764-5433 Alpet E3 Foam Sanitizer - 764-5126 Alpet E3 Plus Hand Sanitizer Spray - 764-7020 Alpet E3 Hand Sanitizer Spray 764-5105 HAACP E2 Sanitizing Liquid Soap - 764-5403	EA	764-2204	$401.27
Replacement 1-gallon atomizing pump kit	--	EA	764-2130	$12.77
Replacement 1-gallon foam pump kit	--	EA	764-2134	$6.39
Replacement 1-gallon liquid soap pump kit	--	EA	764-2138	$12.77

Proper hand hygiene protects your employees, your products, and your reputations.

Reduce the risk of food-borne illness and contamination with products from Nelson-Jameson

Call Customer Service at 800-826-8302

E2 HAND SOAPS & DISPENSERS

VersaClenz Hand Soaps and Sanitizers

An all-in-one hand hygiene system, the VersaClenz will dispense a spray, foam, soap or sanitizer. Using a universal bottle system, the automatic dispenser will hold the same bottles as its manual counterpart. Each dispenser is shipped with a sheet of product stickers, allowing the user to identify which product is being dispensed. Lockable dispenser. Automatic dispenser uses 4 D batteries (included) providing approximately 100,000 applications. Automatic dispensers recommended for dry area placements where not routinely washed down: Production area entry points, restrooms, break areas, cafeterias, and offices. Dispensers offered at no charge with purchase of product. Call for details. Refill cartridges do not contain Triclosan.

Description	Size	Pkg	Unit	Stock #	PRICE
Automatic Touchless Dispensers					
White			EA	764-2348	**Call**
Black			EA	764-2349	**Call**
Manual Dispensers					
White			EA	764-2330	**Call**
Black			EA	764-2331	**Call**
Soap Refill Cartridges for VersaClenz Dispensers					
Alpet E2 Sanitizing Foam Soap	1250 mL/1.25L	6/ca	CA	764-5428	**$74.85**
Alpet Q E2 Sanitizing Foam Soap	1250 mL/1.25 L	6/ca	CA	764-5429	**$64.73**
SoftenSure Antimicrobial Foam Soap	1250 mL/1.25 L	6/ca	CA	764-5430	**$61.83**
SoftenSure Lotion Foam Soap	1250 mL/1.25 L	6/ca	CA	764-5431	**$57.86**
Sanitizer Refill Cartridges for VersaClenz Dispensers					
Alpet E3 Plus Hand Sanitizer Spray	1000 mL/1 L	6/ca	CA	764-5120	**$80.78**
Alpet E3 Foam Hand Sanitizer	1250 mL/1.25 L	6/ca	CA	764-5122	**$123.37**
Smart-San Alcohol-Free Hand Sanitizer Foam	1250 mL/1.25 L	6/ca	CA	764-2420	**$84.64**

Prizefighter Touchless Liquid Soap Dispenser

Perfectly suited for demanding food industry production environments, the Prizefighter is an automatic, watertight dispenser, constructed of stainless steel and ideal for use in wet or dry environments. Infrared sensors detect the presence of hands and dispense a premeasured application of HACCP Q E2 Liquid Soap. The Prizefighter features a 3000 mL capacity reservoir and polycarbonate sight glass for easy monitoring of liquid levels. 110V AC, hardwire ready and lockable. 20"L x 10"W x 8"D.

Unit	Stock #	PRICE
EA	764-2424	**$695.10**

Champion Multi-Station Liquid Soap Dispenser

Streamline handwashing for large numbers of employees with this automatic, multi-station dispensing system designed to dispense our HACCP Q E2 Liquid Soap. Made of durable stainless steel, this water tight dispenser is ideal for wet or dry environments. Designed with large work crews in mind, the Champion possesses a 2-gallon capacity reservoir (#764-2111) and can accommodate from 1 to 5 dispensers (#764-2429). Please call us today so we can provide a customized dispenser setup for you!

Description	Size	Unit	Stock #	PRICE
Touchless liquid soap dispenser	16"L x 14"W x 6"D	EA	764-2429	**$544.23**
Stainless steel liquid soap reservoir	20"L x 10"W x 8"D	EA	764-2428	**$359.81**

Prices subject to change.

E2 HAND SOAPS & DISPENSERS

TFX™ Touch Free GOJO® E2 Foam Soap

The quality E2 Foam Soap you know from GOJO® is also available in a touch free dispenser. Provides one-step handwashing and sanitizing. Removes fats, oils and other food processing soils. Meets guidelines for use in food processing facilities and is NSF rated. Kosher certified.

The TFX™ Touch Free Dispensers eliminate the need to touch the dispenser, and reduce possible contamination. Dispenser provides a 0.6 mL "shot" of product when hands are placed below the dispenser. It will not continue to dispense if hands are left under the dispenser, you must pull them away and place underneath again. However, there is about a one second delay between dispenses to discourage over usage.

Turns off automatically when opened. Uses 3 standard C batteries which are included. Batteries supply 30,000 uses and LED light notifies when batteries are low.

Recommended for dry area placements: Production area entry points, restrooms, break areas, cafeterias and office. Not recommended for areas where dispensers are routinely washed down.

Mfg. Part #	Size	Fits Dispenser	Pkg	Unit	Stock #	PRICE
E2 Foam Sanitizing Soap Refill - Contains Triclosan						
5364-02	1200 mL	266-2111	2/ca	CA	266-2110	$78.04
E2 Foam Sanitizing Soap Refill - Does Not Contain Triclosan						
5369-02	1200 mL	266-2111	2/ca	CA	266-2227	$78.04
TFX™ Touch Free Dispenser for E2 Foam Soap						
2740-12	-	-	-	EA	266-2111	Call
"E2 Wash/Sanitizer" Dispenser Label						
5151-641	-	-	-	EA	266-2008	No Charge

GOJO® E2 Foam Sanitizing Soap

One-step foaming handwashing and sanitizing soap for the food processing industry. Helps support compliance with good hand hygiene practices. Listed with NSF for use in USDA-regulated food processing environments. Effectively removes animal fats and oils. Rich, non-irritating, creamy consistency. Fragrance-free formula.

Mfg Part #	Size	Fits Dispenser	Pkg	Unit	Stock #	PRICE
E2 Foam Sanitizing Soap Refill - Contains Triclosan						
5164-03	1250 mL	266-2000	3/ca	CA	266-2102	$72.08
5264-02	2000 mL	266-2031 or 266-2032	2/ca	CA	266-2103	$67.36
E2 Foam Sanitizing Soap Refill - Does Not Contain Triclosan						
5169-03	1250 mL	266-2000	3/ca	CA	266-2226	$72.08
5269-02	2000 mL	266-2031	2/ca	CA	266-2228	$67.36
FMX-12™ Manual Dispenser for E2 Foam Soap - Gray						
5150-06	-	-	-	EA	266-2000	Call
FMX-20™ Manual Dispenser for E2 Foam Soap - White/Gray						
5270-06	-	-	-	EA	266-2031	Call
FMX-20™ Manual Dispenser for E2 Foam Soap - Black/Chrome						
5271-06	-	-	-	EA	266-2032	Call
"E2 Wash/Sanitizer" Dispenser Label						
	-	-	-	EA	266-2008	No Charge

Call Customer Service at 800-826-8302

E2 HAND SOAPS & DISPENSERS

GENERAL RESTROOM HAND SOAPS

GOJO® E2 Liquid Sanitizing Soap - NXT Refill

One-step liquid handwashing and sanitizing soap for the food processing industry. Helps support compliance with good hand hygiene practices. Listed with NSF for use in USDA-regulated food processing environments. Fragrance-free formula. 2000 mL. Contains Triclosan.

Fits Dispenser	Pkg	Unit	Stock #	PRICE
266-2003	4/ca	CA	266-2505	$66.49

KLEENEX® Cassette Skin Care System

This system features a dispenser that is interchange-able with the foam and liquid cassette refills and is compatible with the universal mounting bracket #371-5374. Each 1000 mL refill has a fresh pump for greater hygiene. Dispensers and brackets are provided at no charge with signed Loyalty Agreement. Call for details. 6 refills/case.

Mfg Part #	Description	Unit	Stock #	PRICE
Foam Cleansers				
91555	Luxury Foam E2	CA	371-5401	$67.37
91554	Luxury Foam Antibacterial	CA	371-5400	$64.05
91552	Luxury Foam with Moisturizers	CA	371-5399	$59.08
Liquid Cleansers				
91559	Liquid Antibacterial	CA	371-5404	$49.57
91556	Liquid Gentle Lotion	CA	371-5402	$43.81
Dispenser & Bracket				
92145	Cassette Dispenser, Black	EA	371-5398	$22.50

GOJO® Antibacterial Luxury Foam Handwash

Smooth, orange foaming handwash with germ-killing power in an orange blossom fragrance. Does not contain Triclosan.

Mfg Part #	Fits Dispenser	Pkg	Unit	Stock #	PRICE
1250 mL					
5162-03	266-2000	3/ca	CA	266-2105	$53.83
2000 mL					
5262-02	266-2031 or 266-2032	2/ca	CA	266-2107	$53.83

GOJO® Ultra Mild Liquid Antimicrobial Lotion Soap with Chloroxylenol

Gently wash hands and effectively kill germs with a liquid lotion soap formula that combines mild cleansers with 0.6% chloroxylenol (PCMX), a broad-spectrum antimicrobial agent. 2000 mL. Does not contain Triclosan.

Mfg Part #	Fits Dispenser	Pkg	Unit	Stock #	PRICE
2212-04	266-2003	4/ca	CA	266-2501	$64.00

GOJO® Luxury Foam Handwash

Rich, gentle luxury foam handwash, pre-lathered for a convenient and pleasing experience. For general, light-duty cleaning. Translucent pink color and cranberry fragrance. 1250 mL. Does not contain Triclosan.

Mfg Part #	Fits Dispenser	Pkg	Unit	Stock #	PRICE
5161-03	266-2000	3/ca	CA	266-2104	$48.91

Prices subject to change.

GOJO® Deluxe Liquid Lotion Soap with Moisturizers

Luxurious liquid lotion soap with Vitamins A & E to clean hands gently, even with frequent use. Ideal for public facilities, offices and general restroom use. Fresh, light floral fragrance. 2000 mL. Does not contain Triclosan.

Mfg Part #	Fits Dispenser	Pkg	Unit	Stock #	PRICE
2217-04	266-2003	4/ca	CA	266-2500	$59.46

GOJO® Luxury Foam Hair & Body Wash

The best choice for your employee locker room/showers. Green, spa-quality foam body wash and hair shampoo with a cucumber-melon scent. 1250 mL. Does not contain Triclosan.

Mfg Part #	Fits Dispenser	Pkg	Unit	Stock #	PRICE
5163-03	266-2000	3/ca	CA	266-2106	$51.86

BULK SOAP DISPENSERS

Crank-Type Soap Dispenser

Crank-type dispenser for disposable gallon jugs is an economical way to dispense soap. Constructed of high impact ABS tan plastic so it will never corrode, even in humid food plant conditions. Gallon jug not included. Swivel bracket allows for easy placement and removal of flat-top jugs. 6"H x 8-1/2"W x 7-1/4"D.

Model	Description	Unit	Stock #	PRICE
1300	Crank-type dispenser	EA	772-5183	$62.16
1300S	Swivel bracket	EA	772-7001	$16.85
EcoCare 250	E2 Rated antiseptic hand cleaner, 4 x 1-gal/ca	CA	800-5318	$88.95

Liquid Soap Dispenser

All-purpose liquid soap dispenser mounts anywhere. No-drip pump action. Large top-fill opening. Shatter-proof plastic reservoir holds 16-oz. Chrome finish. 6-3/4"H x 3-1/4"W x 5-1/8"D.

Model	Unit	Stock #	PRICE
706	EA	142-6706	$38.66

Large Capacity Liquid Soap Dispenser

46-ounce liquid soap dispenser accommodates a wide variety of soaps (except pumice). Smooth curved design is easy to clean. Hidden security lock prevents vandalism. See-thru tank lets you know at a glance when to refill. Meets ADA requirements. White with translucent black tank. 8-1/2"H x 5-1/2"W x 4-1/4"D.

Unit	Stock #	PRICE
EA	336-2046	$31.59

Glo Germ™

In this age of concern over proper sanitation, Glo Germ stands out as an effective way to demonstrate just how easy it is to overlook proper hand washing and cleaning. Available in either powder or oil form, this product helps reinforce proper hand washing, aseptic techniques and general sanitation during your training program. Proven safe, inert ingredients in the oil or powder cause a revealing glow when exposed to standard UV light and give a visual demonstration to show when improper cleaning or hand washing has taken place. Great for the demonstration of contamination or transmission of germs. Starter kits include UV flashlight, 8-oz oil and 1.09-oz powder bottles.

Description	Unit	Stock #	PRICE
Glo Germ 8-oz oil	BO	263-3000	$20.33
Glo Germ powder, 4-oz	BO	263-3001	$18.76
Glo Germ 9 LED Ultraviolet Flashlight	EA	263-3005	$38.95
Glo Germ Ultra-Violet Flashlight Kit w/ 8-oz oil and 1.9 oz powder	KT	263-3003	$71.50

Call Customer Service at 800-826-8302

MAINTENANCE HAND CLEANERS

Alpet® E4 Industrial Hand Cleaner

Ideal for use in food processing and maintenance departments, Alpet E4 is a medium to heavy-duty cleaner that is tough on dirt, yet gentle on hands. Grit and solvent free. Fresh fragrance. Use with VersaClenz dispensers.

Mfg Part #	Size	Fits Dispenser	Pkg	Wt	Unit	Stock #	PRICE
HC10001	1250 mL (1.25L)	764-2348 White Touchless, 764-2349 Black Touchless, 764-2330 White Manual, 764-2331 Black Manual	6/ca	19	CA	764-5438	$116.45

GOJO® NATURAL ORANGE™ Pumice Hand Cleaner

Quick-acting lotion formula with pumice scrubbing particles for cleaning a broad range of industrial soils, medium dirts and grease. Contains baby oil. Orange citrus scent.

Mfg Part #	Description	Fits Dispenser	Pkg	Wt	Unit	Stock #	PRICE
0955-04	1-Gallon pump	No Dispenser	4/ca	38	CA	266-2310	$74.01
7255-04	2000 mL	266-2004	4/ca	6	CA	266-2301	$70.04

GOJO® MULTI GREEN® Hand Cleaner

A popular multi-purpose hand cleaner for removing light to medium industrial soils and dirt. Contains a natural citrus solvent cleaner with non-abrading scrubbing particles. 2000 mL.

Mfg Part #	Fits Dispenser	Pkg	Wt	Unit	Stock #	PRICE
7265-04	266-2004	4/ca	6	CA	266-2302	$83.54

GOJO® POWER GOLD® Hand Cleaner

A highly effective, fast-acting hand cleaner for removing the heaviest grease, tar or oil. Contains natural, non-irritating scrubbing particles. 2000 mL.

Mfg Part #	Fits Dispenser	Pkg	Wt	Unit	Stock #	PRICE
7295-04	266-2004	4/ca	5	CA	266-2303	$90.09

Prices subject to change.

HAND CREAMS

GOJO® Hand Medic® Professional Skin Conditioner

Specifically formulated for professional technicians. Quickly absorbs, with no greasy after-feel. Use before work, after handwashing and at night to help maintain the skin's natural protective barrier. Silicone and fragrance-free.

Mfg Part #	Description	Fits Dispenser	Pkg	Wt	Unit	Stock #	PRICE
8150-12	5-oz tube		12/ca	6	EA	266-2401	$6.01
8745-04	685 mL Refill	266-2025	4/ca	7	CA	266-2022	$72.11
8782-06	700 mL Dispenser			1	EA	266-2025	$6.30

PENETONE® 311 Protective Hand Cream

Provides an invisible, uniform film which acts as a barrier to protect hands and arms from many industrial irritants. Contains lanolin, skin conditioners, and protectants. 8-oz/tube. 24 tubes/case.

Unit	Stock #	PRICE
TB	739-5020	$15.82

E3 HAND SANITIZERS & DISPENSERS

Alpet® E3 Plus Hand Sanitizer Spray

Formulated with moisturizers to keep hands soft and healthy, helping to ensure employee compliance. Fast-drying 71% Ethanol formula kills 99.9999% of most common pathogens in 15 seconds. Automized spray saturates nails and cuticles. Meets all FDA (GRAS) and USDA requirements for food handling. Kosher, Pareve, and Halal. Does not contain Triclosan.

Description	Pkg	Wt	Unit	Stock #	PRICE
4-oz pump bottle	48/ca	15	CA	764-7021	$191.84
1000 mL/1 L VersaClenz cartridge	6/ca	14	CA	764-5120	$80.78
1000 mL/1 L	6/ca	13	CA	764-5110	$79.30
1-gallon jug	4/ca	8	CA	764-7020	$123.75
50-gallon drum	50-gal	410	DR	764-5115	$1,126.33

Alpet® E3 Hand Sanitizer Spray

The original alcohol-based hand sanitizer spray. 76% Isopropyl formula. Meets all FDA (GRAS) and USDA requirements for food handling. Kosher certified and Pareve. Does not contain Triclosan.

Description	Pkg	Unit	Stock #	PRICE
1-Gallon jug	4/ca	CA	764-5105	$119.40
50-Gallon drum	50-gal	DR	764-7000	$1,078.20

Call Customer Service at 800-826-8302

E3 HAND SANITIZERS & DISPENSERS

AutoMyst 2 Touchless Alpet® Hand Sanitizer Dispenser

Improved dual-infrared sensor technology detects the presence of hands delivering a premeasured amount of atomized hand sanitizer. Uses 1000 mL bottle of Alpet E3 Plus hand sanitizer spray. Constructed of tough, corrosion-resistant polymer material and should be used in areas where only incidental water splash may occur. Requires 4 D batteries (included). Includes reusable atomized pump sprayer.

Description	Pkg	Unit	Stock #	PRICE
Dispenser - 12"L x 7"W x 5"H	--	EA	764-2140	$62.08
Alpet E3 Plus Sanitizer - 1000 mL/1 L	6/ca	CA	764-5110	$79.30
1000 mL/1 L Atomized Pump Sprayer	--	EA	764-2121	$6.39

Manual Wrist-Activated Dispenser for Alpet® Hand Sanitizer Spray

Dispenser delivers product from the top/front in an atomized spray to ensure proper saturation of the most critical parts of the hands; the nails and cuticles. Includes a reusable automized pump sprayer and holds our 1000 mL/1 L bottle of Alpet E3 Plus hand sanitizer spray. White plastic dispenser is lockable and can be mounted on a wall or set on a countertop.

Description	Unit	Stock #	PRICE
Dispenser - 5"W x 11"H x 5"D	EA	764-2115	$27.59
Alpet E3 Plus Sanitizer, 1000 mL/1 L, 6/ca	CA	764-5110	$79.30
1000 mL/1 L Atomized Pump Sprayer	EA	764-2121	$6.39

Alpet® E3 Foam Hand Sanitizer

Engineered specifically to meet the tough requirements of the food industry, while keeping hands soft and healthy. 62% Ethanol formula kills 99.9999% of most common pathogens in 15 seconds. Kosher certified and Pareve. Does not contain Triclosan.

Description	Pkg	Unit	Stock #	PRICE
1250 mL/1.25 L VersaClenz Cartridge	6/ca	CA	764-5122	$123.37
1-Gallon jug	4/ca	CA	764-5126	$192.80
50-Gallon drum	50-gal	DR	764-2150	$1,871.13

VersaClenz Dispensing System

An all-in-one hand hygiene system, the VersaClenz will dispense a spray, foam, soap or sanitizer. Using a universal bottle system, the automatic dispenser will hold the same bottles as its manual counterpart. Each dispenser is shipped with a sheet of product stickers, allowing the user to identify which product is being dispensed. Lockable dispenser. Automatic dispenser uses 4 D batteries (included) providing approximately 100,000 applications. Automatic dispensers recommended for dry area placements where not routinely washed down: Production area entry points, restrooms, break areas, cafeterias and office. Dispensers offered at no charge with purchase of product. Call for details. Refill cartridges do not contain Triclosan.

Description	Size	Pkg	Unit	Stock #	PRICE
Automatic Touchless Dispensers					
White			EA	764-2348	Call
Black			EA	764-2349	Call
Manual Dispensers					
White			EA	764-2330	Call
Black			EA	764-2331	Call
Soap Refill Cartridges for VersaClenz Dispensers					
Alpet E2 Sanitizing Foam Soap	1250 mL/1.25L	6/ca	CA	764-5428	$74.85
Alpet Q E2 Sanitizing Foam Soap	1250 mL/1.25 L	6/ca	CA	764-5429	$64.73
SoftenSure Antimicrobial Foam Soap	1250 mL/1.25 L	6/ca	CA	764-5430	$61.83
SoftenSure Lotion Foam Soap	1250 mL/1.25 L	6/ca	CA	764-5431	$57.86
Sanitizer Refill Cartridges for VersaClenz Dispensers					
Alpet E3 Plus Hand Sanitizer Spray	1000 mL/1 L	6/ca	CA	764-5120	$80.78
Alpet E3 Foam Hand Sanitizer	1250 mL/1.25 L	6/ca	CA	764-5122	$123.37
Smart-San Alcohol-Free Hand Sanitizer Foam	1250 mL/1.25 L	6/ca	CA	764-2420	$84.64

Prices subject to change.

E3 HAND SANITIZERS & DISPENSERS

Stainless Steel Gallon Wall Bracket

A simple solution for facilities that dispense soap and sanitizer from gallon pump bottles. Mounts flush against the wall. Stainless steel construction. Includes pump kit to fit 1 gallon jug. Purchase liquid pump to use with liquid soaps. 7"W x 9"H x 7"D.

Description	Refill Product	Unit	Stock #	PRICE
Bracket w/ 1-gallon foam pump kit	Alpet E2 Foam Soap - 764-5405 Alpet Q E2 Foam Soap - 764-5433 Alpet E3 Foam Sanitizer - 764-5126	EA	764-2112	$49.72
Replacement 1-gallon foam pump kit	--	EA	764-2437	$6.39
Bracket w/ 1-gallon atomizing pump kit	Alpet E3 Plus Hand Sanitizer Spray - 764-7020 Alpet E3 Hand Sanitizer Spray - 764-5105	EA	764-2116	$49.72
Replacement 1-gallon atomizing pump kit	--	EA	764-2138	$12.77

1-2 Knockout Stainless Steel Wrist Dispenser

Hands-free operation reduces cross-contamination while the heavy-duty stainless steel construction is suitable for wet or dry environments. No filling required, simply remove the empty 1-gallon jug and replace with another. Container mounts upright in the dispenser, eliminating dripping and leakage. 3"W x 16"H x 5"D. Purchase liquid pump to use with liquid soap.

Description	Refill Product	Unit	Stock #	PRICE
Dispenser w/ 1-gallon foam pump kit	Alpet E2 Foam Soap - 764-5405 Alpet QE2 Foam Soap - 764-5433 Alpet E3 Foam Sanitizer - 764-5126	EA	764-2137	$75.21
Replacement 1-gallon foam pump kit	--	EA	764-2134	$6.39
Dispenser w/ 1-gallon atomized pump kit	Alpet E3 Plus Hand Sanitizer - 764-7020 Alpet E3 Hand Sanitizer - 764-5105	EA	764-2128	$61.31
Replacement 1-gallon atomizing pump kit	--	EA	764-2130	$12.77
Replacement 1-gallon liquid soap pump kit	--	EA	764-2138	$12.77

E-Z Step Wall Mount Dispenser

Foot-activated dispenser which provides hands-free operation to reduce cross-contamination. Wall-mountable, yet allows for easy cleaning of the floor beneath the unit. Designed to dispense product from 1-gallon containers. Heavy-duty stainless steel construction is suitable for wet or dry environments. Purchase liquid soap pump kit for use with liquid soaps. 4"W x 48"H x 4"D.

Description	Refill Product	Unit	Stock #	PRICE
Dispenser w/ 1-gallon foam pump kit	Alpet E2 Foam Soap - 764-5405 Alpet Q E2 Foam Soap - 764-5433 Alpet E3 Foam Sanitizer - 764-5126	EA	764-2133	$184.50
Replacement 1-gallon foam soap pump	--	EA	764-2134	$6.39
Dispenser w/ 1-gallon atomized pump kit	Alpet E3 Plus Hand Sanitizer Spray - 764-7020 Alpet E3 Hand Sanitizer Spray - 764-5105	EA	764-2132	$184.50
Replacement 1-gallon atomizing pump kit	--	EA	764-2130	$12.77
Replacement 1-gallon liquid soap pump kit	--	EA	764-2138	$12.77

EZ-Step Portable Foot-Activated Alpet Dispenser

This portable free standing stainless steel pedestal base unit holds a 1-gallon container. Unit comes completely assembled and includes reusable atomized pump kit. Purchase additional pump kits to use with other products. 17"W x 42"H x 19"D.

Description	Refill Product	Unit	Stock #	PRICE
Dispenser	Alpet E2 Foam Soap - 764-5405 Alpet Q E2 Foam Soap - 764-5433 Alpet E3 Foam Sanitizer - 764-5126 Alpet E3 Plus Hand Sanitizer Spray - 764-7020 Alpet E3 Hand Sanitizer Spray 764-5105 HAACP E2 Sanitizing Liquid Soap - 764-5403	EA	764-2204	$401.27
Replacement 1-gallon atomizing pump kit	--	EA	764-2130	$12.77
Replacement 1-gallon foam pump kit	--	EA	764-2134	$6.39
Replacement 1-gallon liquid soap pump kit	--	EA	764-2138	$12.77

Call Customer Service at 800-826-8302

E3 HAND SANITIZERS & DISPENSERS

Prizefighter Touchless Spray Sanitizer Dispenser

Perfectly suited for demanding food industry production environments, the Prizefighter is an automatic, watertight dispenser, constructed of stainless steel and ideal for use in wet or dry environments. Infrared sensors detect the presence of hands and dispense a premeasured application of Alpet® Hand Sanitizer Spray. Features a 3000 mL capacity reservoir and polycarbonate sight glass for easy monitoring of liquid levels. 110V AC, hardwire ready and lockable. 20"L x 10"W x 8"D.

Unit	Stock #	PRICE
EA	764-2117	$695.10

Champion Multi-Station Spray Sanitizer Dispenser

Streamline hand and sanitizing for large numbers of employees with this automatic, multi-station dispensing system designed to dispense our Alpet® Hand Sanitizer Spray. Made of durable stainless steel, this water tight dispenser is ideal for wet or dry environments. Designed with large work crews in mind, the Champion possesses a 2-gallon capacity reservoir and can accommodate from 1 to 5 dispensers. Please call us today so we can provide a customized dispenser setup for you!
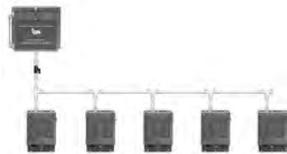
Description	Size	Unit	Stock #	PRICE
Touchless spray sanitizer dispenser	16"L x 14"W x 6"D	EA	764-2109	$544.23
Stainless steel spray sanitizer reservoir tank	20"L x 10"W x 8"D	EA	764-2111	$359.81

TFX™ Touch Free PURELL® E3 Rated Foam Instant Hand Sanitizer

PURELL now offers a foaming E3 rated sanitizer for use in the TFX Touch Free dispenser! Use following cleansing with an E2 rated soap for a complete hand care program. Meets guidelines for use in food processing facilities and is NSF rated. Does not contain Triclosan.

The TFX Touch Free Dispenser eliminates the need to touch the dispenser, and possible contamination. Dispenser provides a 0.6 mL "shot" of product when hands are placed below the dispenser. It will not continue to dispense if hands are left under the dispenser, you must pull them away and place underneath again. However, there is about a one second delay between dispenses to discourage over usage.

Turns off automatically when opened. Uses 3 standard C batteries which are included. Batteries supply 30,000 uses and LED light notifies when batteries are low.

Recommended for dry area placements: Production area entry points, restrooms, break areas, cafeterias and office. Not recommended for areas where dispensers are routinely washed down.

Mfg. Part #	Pkg	Unit	Stock #	PRICE
E3 Foam PURELL® Sanitizer - 1200 mL				
5393-02	2/ca	CA	266-2112	$72.63
TFX Touch Free Dispenser for E3 Foam Sanitizer				
2720-12		EA	266-2113	$44.96
"E3 Sanitizer" Dispenser Label				
		EA	266-2009	No Charge

PURELL® E3 Rated Foam Hand Sanitizer

The PURELL line has now expanded to includes E3 Rated Foam Hand Sanitizer for the FMX™ manual dispensers. This dispensing option is ideal for high moisture and wash down areas. Meets guidelines for use in food processing facilities and is NSF International Listed. 1250 mL. Does not contain Triclosan.

Mfg. Part #	Fits Dispenser	Pkg	Unit	Stock #	PRICE
5193-03	266-2020	3/ca	CA	266-2116	$79.07
"E3 Sanitizer" Dispenser Label					
-			EA	266-2009	No Charge

Prices subject to change.

E3 HAND SANITIZERS & DISPENSERS

PURELL® E3 Rated Gel Instant Hand Sanitizer

Formulated for the food processing industry to use as a no-rinse adjunct to hand washing. Effective against germs and microorganisms that may cause illness. Supports hand hygiene compliance, meets guidelines for use in USDA and federally regulated food processing facilities. 1000 mL. Does not contain Triclosan.

Mfg Part #	Fits Dispenser	Pkg	Unit	Stock #	PRICE
2163-08	266-2002	8/ca	CA	266-2200	$91.98

"E3 Sanitizer" Dispenser Label

			EA	266-2009	No Charge

GENERAL USE HAND SANITIZERS

PURELL® PAL

Promote frequent use to minimize the spread of germs in the workplace with an engaging "buddy" that makes PURELL Instant Hand Sanitizer readily available. Put in an easy-to-reach spot, like your desk. Includes one 8-oz refill bottle of Original PURELL (#266-2204).

Mfg Part #	Pkg	Unit	Stock #	PRICE
9600-PL1	12/ca	EA	266-2203	$8.52

PURELL® Instant Hand Sanitizer

America's #1 brand of instant hand sanitizer. Kills 99.9% of most common germs that may cause illness. Works in as little as 15 seconds. No water or towels needed. Specially formulated moisturizers leave hands feeling soft and refreshed. 8-oz bottle.

Mfg Part #	Pkg	Unit	Stock #	PRICE
9652-12	12/ca	EA	266-2204	$4.53

PURELL® Instant Hand Sanitizer with Aloe

Leaves hands feeling soft and refreshed without stickiness or residue, yet still kills 99% of the most common germs that cause illness. Contains aloe and specifically formulated with moisturizers.

Mfg Part #	Fits Dispenser	Pkg	Unit	Stock #	PRICE
1000 mL					
2137-08	266-2002	8/ca	CA	266-2201	$91.98
8-oz pump bottle					
9674-12	-	12/ca	EA	266-2215	$4.52

Call Customer Service at 800-826-8302

GENERAL USE HAND SANITIZERS

PURELL® E3 Sanitizing Wipes

All the germ-killing benefits of PURELL, America's #1 instant hand sanitizer, in a non-linting, durable 7" x 8" wipe. Now approved for direct hand to food contact. Textured for superior cleaning, it sanitizes hands while wiping away light soils and dirt. Kills 99.99% of most common germs that may cause illness. Formulated to dry quickly. The convenient, easy-to-use canister is ideal for use anywhere germs may be or use the high capacity buckets and dispensers for high traffic areas.

This item must ship by ground service only.

Mfg. Part #	Pkg	Unit	Stock #	PRICE
9111-12	100-Count canister	EA	266-2223	$5.21
9113-06	270-Count canister	EA	266-2214	$11.85
9118-02	1200-Count dispenser refill, 2/ca	CA	266-2221	$94.23
9019-01	Wall mount dispenser	EA	266-2220	$36.62

PURELL® Cottony Soft Hand Sanitizing Wipes

Clean, sanitize and moisturize on the go! Thick textured wipe for superior cleaning. Sanitizes and moisturizes hands while wiping away light soils and dirt. Kills 99.99% of most germs that can cause illness. These easy-to-use 5" x 7" individually wrapped towelettes are ideal for use anywhere.

Mfg. Part #	Pkg	Unit	Stock #	PRICE
9025-12	40/bx; 12 bx/ca	BX	266-2213	$4.73

PURELL® Sanitizing Hand Wipes

Individually wrapped towelettes make it easy to clean, sanitize and moisturize on the go. An easy-to-use and economical choice that will kill 99.99% of most common germs that might cause illness. 5" x 7". Made with 62% ethyl alcohol.

Mfg. Part #	Pkg	Unit	Stock #	PRICE
9022-10	100-Count box	BX	266-2210	$4.83
9021-IM	1000-Count Bulk pack	CA	266-2211	$45.22

Hand Dip Pan

Food workers won't forget to use this Hand Dip. The high-visibility red imprint clearly identifies its purpose. Low cost makes it easy to locate throughout the food plant. Label reminds employees to check sanitizer concentrations frequently with test strips and shows test strip order numbers. Lists sanitizer concentration levels recommended by Good Manufacturing Practices for chlorine, iodine and quaternary ammonium. Call our cleaning chemical product specialists for recommendation on which sanitizer to use. White poly pan is 10"L x 7"W x 5"D. It slides securely into stainless steel wall mount bracket. Pan and bracket sold separately.

Description	Pkg	Unit	Stock #	PRICE
Hand dip pan	12/ca	EA	400-2010	$16.00
Wall mount bracket	1/bx	EA	400-2011	$37.16

Safety Signs

ACCUFORM.
INFORM, PROTECT, & MOTIVATE

NOTICE
HAND SANITIZER MUST BE USED
TO ENSURE PRODUCT SAFETY

Material	Unit	Stock #	PRICE
7" x 10" Blue/Black/White			
Dura-Fiberglass™	EA	083-2004	$13.48
Adhesive Dura-Vinyl™	EA	083-2005	$8.11

NOTICE
HAND DIP MUST BE USED
TO ENSURE PRODUCT SAFETY

Material	Unit	Stock #	PRICE
7" x 10", Blue/Black/White			
Fiberglass	EA	083-2001	$13.48

Prices subject to change.

TRIGGER SPRAYERS/BOTTLES

FLOOR CARE PRODUCTS

Plastic Trigger Sprayer Bottles

Ideal for use with bulk cleaning chemicals, such as glass cleaners, for a low cost and environmentally friendly method to dispense. Molded of high density polyethylene and designed for use with our trigger sprayers. Feature molded in graduations. Choice of four popular sizes. Trigger sprayer sold separately. 28/400 thread.

Size		Unit	Stock #	PRICE
8-oz	200 ea/ca	EA	365-2010	$0.85
16-oz	144 ea/ca	EA	365-2013	$1.10
24-oz	150 ea/ca	EA	365-2006	$1.22
32-oz	100 ea/ca	EA	365-2100	$1.30

Trigger Sprayers

Color-Coded

Designed for heavy-duty use, these sprayers are ideal in various applications. Delivers a consistent spray pattern from a fine mist to a heavy stream to completely 'off.' Leak-proof even when over turned. Bottles sold separately. 28/400 thread. 200 each/case.

Color	Dip Tube Size	Application	Unit	Stock #	PRICE
White	4.5″	Use with 8-oz bottles	EA	365-2011	$1.10
White	8″	Use with 16-oz & 24-oz bottles	EA	365-2025	$1.27
White	9.25″	Use with 32-oz bottles	EA	365-2000	$1.30
Red/white	9.25″	Use with 32-oz bottles	EA	365-2001	$1.30
Yellow/white	9.25″	Use with 32-oz bottles	EA	365-2002	$1.30
Blue/white	9.25″	Use with 32-oz bottles	EA	365-2003	$1.30
Green/white	9.25″	Use with 32-oz bottles	EA	365-2004	$1.30
Gray	9.25″	Chemical resistant	EA	365-2005	$2.30

Hard Coat 19 Floor Finish

Dynamically energized polymer emulsion floor coating for all floor and floor maintenance programs. Beautiful high-gloss finish for all resilient floors. Durable mark-resistant appearance for extended wear. Excellent for electric high speed burnishing in high traffic areas where optimal gloss and performance is required. Dries quickly, non-yellowing and resists film penetration by dirt and soil. Can be used as a seal and finish combination product or as a topcoat over sealed floors.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/case	32	CA	270-2035	$111.12
5 gallon pail	40	PA	270-2040	$135.40

Mop On Floor Strip

Save time and money by reducing the amount of labor necessary to strip the floor. Powerful penetrating agents and evaporating alkali builders reduce the time and labor spent stripping floor coatings. Use for difficult removal of floor finish and wax build-up. Non-ammoniated, pleasant to work with in confined spaces. Excellent for use where indoor air quality is a concern. Very easy to use.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/case	32	CA	270-204)	, 1.60

Restore 10 Finish Enhancer

Multi-purpose companion product for any floor care program. Use as a mop-on floor finish restorer for high speed burnishing programs, or use as a spray buff compound in traditional spray buffing procedures. When buffed, meets and exceeds slip resistance standards. Non-yellowing, durable, and mark-resistant film, which can be easily scrubbed and recoated. Extends time between stripping and recoating. Saves time and labor costs. Trigger sprayers sold separately.

Size	Wt	Unit	Stock #	PRICE
12 - 1 quarts/case	29	CA	270-2050	$90.24

Call Customer Service at 800-826-8302

DEGREASERS & GENERAL PURPOSE CLEANERS

Citra-Blaze 535 Citrus Based Degreaser

Natural water-based cleaning solvents and detergents clean dirt, oil and grease easily from a variety of surfaces. Great smelling natural citrus scent. Use to clean doors, walls, ceramic and plastic tile, floors, bathroom fixtures and more.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/case	36	CA	270-2020	$80.32

Blaze 8 Cleaner Degreaser - 8% Butyl

Super powerful and fast acting butyl based degreasing cleaner for the toughest cleaning jobs. Non-flammable, this water based degreaser cuts through heavy build-ups and burned-on carbonized soils quickly for fast cleaning action. Special penetrants and conditioners remove grease, oils and soils leaving surfaces thoroughly clean. Inhibitors prevent flash rusting on cleaned metal surfaces.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/case	36	CA	270-2000	$62.48
5 gallon pail	40	PA	270-2005	$74.60

Green Kleen Multi-Purpose Cleaner Degreaser

High performance, fast acting non-butyl based degreaser and cleaner for virtually any cleaning need. The concentrate can be diluted for different needs including floor scrubbing, pressure washing, floor mopping, parts washing, countertops, etc. Versatile, use it almost anywhere on almost any surface. Cuts through grease, grime and build-ups. Rinses freely and completely. Contains no harmful alkali or acid. Non-flammable, non-toxic, non-corrosive.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/case	36	CA	270-2010	$58.72
5 gallon pail	40	PA	270-2015	$69.90

Green Seal Concentrated Non-Solvent Cleaner Degreaser

Non-solvent, non-corrosive and non-flammable cleaner and degreaser. Easily loosens oils, grease and other soils for removal from a variety of surfaces. Mild pH, safe to use on most water-safe surfaces. Can be diluted for all cleaning tasks.

Size	Wt	Unit	Stock #	PRICE
2 - 1 gallons/case	18	CA	270-2155	$49.88

HD-Force Heavy-Duty Spray & Wipe RTU Degreaser

Ready-to-use degreasing power to remove heavy deposits of oil, grease, grime, food soils and even burned on carbon deposits. Ideal for use in manufacturing plants, institutions, kitchens, garages, and in maintenance, and repair operations. Easily penetrates, loosens, lifts and removes petroleum, natural oils and greases. Fresh citrus scent leaves a pleasant clean fragrance. Free rinsing. Includes trigger sprayers.

Size	Wt	Unit	Stock #	PRICE
12 - 1 quarts/case	24	CA	270-2133	$77.04

Sprayway® Heavy-Duty Orange Power Plus

Non-chlorinated cleaner degreaser. 97% d-limonene formula. High solvency action penetrates most grease and oil deposits, tar and graffiti. Use for engine degreasing, adhesive removal, brake cleaning, tool clean-up, and parts cleaning.

Size	Wt	Unit	Stock #	PRICE
12 - 15-oz cans/case	2	CA	627-2900	$89.92

Sprayway® C-60 Solvent Cleaner

Removes grease, tar, ink, and paint fast. Use to clean equipment, electric motors, electronic equipment, clothing, upholstery, typewriters, etc. USDA accepted for use in non-processing areas. Non-conductive; non-flammable. Leaves no residue. Quick drying. Do not use on plastics.

Size	Wt	Unit	Stock #	PRICE
12 - 16-oz cans/case	2	CN	627-2160	$9.02

Marvalosa Multi-Purpose Cleaner and Deodorizer

A commercial grade multi-purpose cleaner with a long lasting lavender fragrance. Clean and deodorize in a single time saving step. Effectively cleans dirt, light oils, smudges and smears. Use in mop buckets, trigger sprayers, automatic scrubbers or with wiping cloths. Rinses free from surfaces and leaves no residue. Highly concentrated for economy.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/case	36	CA	270-2030	$55.76

Prices subject to change.

Sanitation & Janitorial

DEGREASERS & GENERAL PURPOSE CLEANERS

Green Seal GO2 Concentrate Oxygenated Multi-Purpose Cleaner

A remarkable cleaner fortified with natural cleaning power and hydrogen peroxide. Attacks most stubborn soils and stains on hard and soft surfaces, as well as removes mold and mildew while restoring grout. Can be used for general carpet spotting and as a laundry pre-treater on soiled clothes before laundering. Leaves no oily residue, and rinses freely with water. Butyl free, contains no caustic bleaching agents. Use on virtually all surfaces not harmed by water alone.

Size	Wt	Unit	Stock #	PRICE
2 - 1 gallons/case	18	CA	270-2115	$64.56

Green Seal Concentrated All-Purpose Cleaner

An outstanding all-purpose cleaner specifically designed for all hard surfaces. Amazing cleaning action safely lifts soils from floors, walls, woodwork and virtually any surface not harmed by water. Highly concentrated, non-corrosive, non-hazardous, and non-flammable. Low foam formulation works well in any water temperature and condition. Dries quickly, saves time and labor.

Size	Wt	Unit	Stock #	PRICE
2 - 1 gallons/case	18	CA	270-2150	$26.92

Pine Oil Cleaner

This pleasantly scented cleaner and deodorizer attacks dirt, oil, smudges, smears and other bothersome problems. Safe to use on all surfaces not harmed by water. Will clean, deodorize and leave cleaned areas with a refreshing pine scent. Cleans a variety of surfaces and can be used in almost any situation where dirt and odors may be a problem.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/case	36	CA	270-2055	$58.32

Sprayway® Heavy-Duty Crazy Clean® Wipes

Remove grease and oil from non-porous surfaces. Cleans dirt and grease from hands. Excellent cleaner for tough jobs. Strong fabric absorbs and holds dirt. Aggressive yet non-scratching. Fresh citrus fragrance. 9.5″ x 12″ wipe. 70 wipes/pack. 6 packs/case.

Wt	Unit	Stock #	PRICE
2	PK	627-2022	$15.31

Sprayway® Crazy Clean® All Purpose Cleaner

Clinging foam cleans and deodorizes all washable and painted surfaces. Removes hand prints, scuff and crayon marks, grease spots, soot stains and smoke film. Use on countertops, sinks, toilet bowls, fiberglass shower stalls, refrigerators, stoves, walls, floors, and more.

Size	Wt	Unit	Stock #	PRICE
12 - 15-oz cans/case	2	EA	627-2130	$4.63

Sprayway® Gel Vandal Mark Remover

Reduces labor involved in removing graffiti and other markings. Gel formula clings to surface for longer penetration time. Removes marks created by crayon, pencil, inks, spray paints, tape, waxes, and lipstick. Eliminates scuff marks from floors and walls. Formulated for use on brick, tile, steel, brass, chrome, aluminum, glass, Formica and other hard surfaces.

Size	Wt	Unit	Stock #	PRICE
12 - 15-oz cans/case	1	EA	627-2880	$7.59

Stainless Steel Aerosol Cleaner & Polish

Remove heavy accumulations of greasy film, oil stains, and food splatter. Spray on and wipe clean. High gloss finish resists fingerprints and streaking. Use also on chrome, laminated plastic and aluminum. NSF registered. 12 cans/case.

Description	Size	Wt	Unit	Stock #	PRICE
#841 Cleaner	15-oz	2	CN	627-2084	$7.35
3M Cleaner	21.5-oz	2	CN	456-2500	$13.85

Call Customer Service at 800-826-8302

RESTROOM PRODUCTS

Shower, Sink & Tub Cleaner

Fast acting thickened dual acid cleaner is designed to easily and effectively remove lime scale, soap scum and other water deposits from a variety of surfaces. Acidulated formula and foaming detergents remove scale, soap film, urinary salts, hard water salts, rust and minerals. Use in schools, industrial, and health care settings. Formulated to be used with sprayers, foamers, scrub bucket or applied directly out of the container. Can be used with a brush, cloth or synthetic scrubbing pad. Rich clinging foam can be generated to increase cleaning power on vertical surfaces. Use on fixtures, ceramic tiles, glass, plastic and porcelain. Trigger sprayers sold separately.

Size	Wt	Unit	Stock #	PRICE
12 - 1 quarts/case	30	CA	270-2275	$71.76

Arrest Bacterial Enzyme Bathroom Cleaner

Clean the natural way! Simply spray surfaces, allowing bio-enzymes to consume organic bathroom bacteria. Gets sinks, tubs, floors, toilets and vanities sparkling clean while freshening the air. Can be used in restricted areas where indoor air quality restrictions prevent the use of aerosol air fresheners. Effective on proteins, grease, fats and cellulose. Biodegradable and safe for septic systems. Includes 2 trigger sprayers per case.

Size	Wt	Unit	Stock #	PRICE
6 - 1 quarts/case	14	CA	270-2110	$48.08

Green Seal Non-Corrosive Bathroom & Bowl Cleaner/Descaler

Non-corrosive cleaner for all bathroom surfaces. Easily cleans and removes calcium, magnesium, rust and other hard water deposits. Use on porcelain, chrome and other bathroom surfaces. Removes mold and mildew. Safe on metal fixtures, sinks, faucets, bowls, urinals, walls, floors and grout. Trigger sprayers sold separately.

Size	Wt	Unit	Stock #	PRICE
6 - 1 quarts/case	15	CA	270-2140	$34.92

Super Toilet Bowl Cleaner - 24% HCl

High acid emulsion formulation removes calcium, lime, scale, iron/rust stains and uric acid build-up from toilet bowls and urinals. Effectively removes the toughest stains and build-ups quickly and completely. Cleans and deodorizes in one step. Pleasant wintergreen fragrance leaves area smelling refreshingly clean. Ideal for hard water areas, heavy soil conditions and wherever iron or rust deposits are a problem.

Sheet Size	Wt	Unit	Stock #	PRICE
12 -1 quarts/case	32	CA	270-2062	$51.12

Cling-On Pink-Phos Restroom Cleaner

Thickened 20% phosphoric acid-based bowl, porcelain and bathroom cleaner. Clings to vertical surfaces to increase cleaning contact time. Ideal for use in hard water areas where hydrochloric acid cleaners are not desired. Pleasant cherry-almond scent leaves areas smelling clean and fresh. Will not harm brass or chrome fixtures.

Size	Wt	Unit	Stock #	PRICE
12 - 1 quarts/case	31	CA	270-2065	$81.84

DISINFECTANTS

UNO Cleaner and Disinfectant

Cleaner/deodorizer, disinfectant, fungicide, mildewstat and virucide all in one. Cleans, disinfects and deodorizes in a single step. EPA registered. Lemon scent.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/cs	37	CA	270-2215	$83.20

Sani-Spritz Spray One-Step Disinfectant/Cleaner

One-step disinfectant cleaner effective against a broad spectrum of bacteria. Virucidal, fungicidal and controls the growth of mold, mildew and associated odors, when used as directed. Has one of the highest kill claims of any disinfectant. Use on hard, non-porous surfaces. Not for use on food contact surfaces. EPA registered. This item may not be for sale in every state. Trigger sprayers sold separately.

Size	Wt	Unit	Stock #	PRICE
12 - 1 quarts/case	28	CA	270-2075	$54.00

Hospital Grade Disinfectant Spray

A powerful germicide-fungicide and surface spray. Prevents mildew and eliminates odors. Use on toilet seats, urinals, garbage cans, etc. Spray inside boots to prevent odor. Fresh lemon scent.

Size	Wt	Unit	Stock #	PRICE
12 - 20-oz cans/case	2	EA	627-2111	$6.73

Prices subject to change.

DRAIN PRODUCTS

Drain Solve Non-Fuming Liquid Drain Opener

Fast-acting, odorless, non-fuming, alkaline drain opener. Removes grease, hair, paper, food particles, and other organic materials. Breaks down grease to quickly restore water flow and full draining action. Safe on plastic, porcelain and metal drain pipes. Liquid formulation is easy to use and does not have the fuming back-up odors associated with many dry powder/crystal products. NSF Certified, as "acceptable for use in sewage and/or drain lines in and around food processing areas."

Size	Wt	Unit	Stock #	PRICE
12 - 1 quarts/case	39	CA	270-2080	$84.48

Liquidase 250 Drain Maintainer

Keep drains flowing and odors under control with our drain maintainer. Liquidase 250 combines the potent waste-digesting properties of natural enzymes and special multi-cultured strains of natural bacteria (both anaerobic and aerobic), to digest waste quickly, efficiently and without odors! Breaks down proteins, starch, carbohydrates, animal and vegetable fats, providing the fastest action available in a liquid digestant. For use in sinks, floor drains, urinals, toilets and grease traps as well as septic tanks, wet wells, lift stations and sewer laterals.

Size	Wt	Unit	Stock #	PRICE
4 - 1-gallons/case	9	GA	105-2534	$22.30

DISH SOAPS

Thrifty Pinx Lotionized Dishwash

High sudsing action cleans dishes, pots and pans, silverware and utensils in a variety of water temperatures and conditions. Glassware and dishes are thoroughly cleaned and rinse free of spots. Gentle solution reduces skin irritations. Effective on dry foods, oily and greasy surfaces. Contains no sulfites.

Size	Wt	Unit	Stock #	PRICE
4 - 1 gallons/case	37	CA	270-2120	$48.72

Joy® Dish Detergent

Manual pot and pan detergent with powerful cleaning agents to clean grease and a wide variety of food soils. Fast-acting formula. Long lasting suds. Designed to be mild. An all around dish detergent favorite.

Size	Wt	Unit	Stock #	PRICE
8 - 32-oz bottles/case	22	CA	477-2001	$44.93

Cascade® Dishwashing Detergent

So clean, it's virtually spotless. Lemon scented liquid gel formulated for undercounter dishwashers and cabinet-type automatic utensil washers.

Size	Wt	Unit	Stock #	PRICE
4 - 120-oz bottles/case	32	CA	477-2005	$47.37

Call Customer Service at 800-826-8302

GLASS CLEANERS

Clear View Glass & Mirror Cleaner

Versatile, non-ammoniated formula is effective on glass, plastic, Plexiglas, Lexan and other hard surfaces. Ready to use formulation saves time and eliminates measuring and mixing, and gives consistent results no matter where it is used. Leaves a protective shield behind after the surface has been cleaned. Will not film or streak, resists fingermarks. Trigger sprayers sold separately.

Size	Wt	Unit	Stock #	PRICE
12 - 1 quarts/case	28	CA	270-2095	$43.92
4 - 1 gallons/case	35	CA	270-2100	$35.52

Windex® RTU Glass Cleaner

Ready-to-use institutional strength Windex power formula starts cleaning before you wipe, leaving glass and other surfaces sparkling. Exclusive Ammonia-D plus special grease-cutting actives and surfactants loosen soil on contact and remove dirt without streaking or filming.

Size	Wt	Unit	Stock #	PRICE
12 - 32-oz bottles/case	29	CA	477-2032	$66.01

Green Seal Concentrated V.O.C. Free Glass Cleaner

Fast, streak-free cleaning of windows, mirrors, metal, chrome, plastic, fiberglass, Plexiglas and other hard surfaces. Cleans tough soils, oily film, fingerprints, smears and smudges. Fast and easy cleaning, with minimal effort.

Size	Wt	Unit	Stock #	PRICE
2 - 1 gallons/case	18	CA	270-2145	$42.64

Sprayway® Aerosol Glass Cleaner

Dissolve dirt, greasy grit and grime quickly. Heavy-duty foam clings to surface. Use for windshields, tile, glass, brick, fluorescent tubes or enamel surfaces. Surface is protected and stays clean longer. Approved for use on all surfaces in inedible product areas, non-processing areas and exterior areas.

Size	Wt	Unit	Stock #	PRICE
12 - 19-oz cans/case	3	CN	627-2150	$3.87

SPECIALITY CLEANERS

Sprayway® Furniture Polish

Designed for industrial and commercial use - anywhere wood and other surfaces require special care. Dusts, cleans and polishes in one step. Removes stains, smudges and fingerprints. Protects Formica, plastic, chrome, fine furniture, woodwork, marble, porcelain and leather. Contains lemon oil.

Size	Wt	Unit	Stock #	PRICE
12 - 19-oz cans/case	1	CN	627-2081	$6.09

Suds 'N' Shine Liquid Truck and Car Wash

Finally, the perfect product for cleaning stainless steel trucks, while leaving a wax-like shine. Excellent choice for a one-step "wash 'n wax" product. Helps rejuvenate the finish and water repellency of previously waxed surfaces as it cleans. Provides a high-sudsing lather. Free rinsing formulation will not leave water spots. Safe to use on all paints, finishes, chrome, stainless steel, vinyl and glass. Excellent in hard water conditions. For hand, brush or pressure applications.

Size	Wt	Unit	Stock #	PRICE
5 gal pail	40	PA	270-2160	$71.90
55 gal drum	500	DR	270-2165	$697.40

Towels and K ipers for cleaning and polishing can be found on pages 388-390.

Prices subject to change.

PLANT CHEMICALS

Why choose Nelson-Jameson for your Plant Cleaning Chemicals? That's simple. We'll make it easy with one call, one source, and one invoice.

We can provide a variety of quality products from a number of trusted partners. Many can provide on-site support, and are available for joint plant surveys to determine which products will meet your cleaning and sanitation needs. Please contact our Plant Chemical Specialists at 800/826-8302 if we can assist with a survey, quote, or recommendation.

Single Cycle Cleaners

DEPTAL MP™

HYPRED *Your High Performance*

Eliminate the need for an extra step in your cleaning of both hot and cold processing equipment with this revolutionary technology. DEPTAL MP, formerly CIP MP is a caustic cleaner with special additives to allow single-cycle cleaning. Reduce corrosion of rubber gaskets and stainless steel by not needing to add chlorine to DEPTAL MP. Non-phosphate and environmentally-friendly. Used in European markets for over a decade.

- Reduce water usage.
- Decrease wastewater volumes and effluent costs.
- Improve production efficiency.
- Save energy.
- Decrease preventative maintenance costs.

Size	Wt	Unit	Stock #	PRICE
5 gal	56	PK	019-7015	$75.22
15 gal	168.55	DR	019-5214	$220.00
55 gal	618	DR	019-5215	$783.94
275 gal	3056	TE	019-7021	$3,740.00

DEPTAL EL™

HYPRED *Your High Performance*

For use as a single phase cleaner of hot and cold processing equipment. Save time and money.

Size	Wt	Unit	Stock #	PRICE
55 gal	630	DR	019-5003	$594.48

CIP Chlorinated Alkaline Cleaners

DEPTAL G™

HYPRED *Your High Performance*

The result of advanced techniques in cleaner formulations providing a superior liquid chlorinated cleaner for cleaning in place food processing equipment.

Size	Wt	Unit	Stock #	PRICE
5 gal/pl	40	PA	019-5212	$44.24
15 gal/dr	180	DR	019-5217	$99.54
55 gal	580	DR	019-5216	$423.78
275 gal/te	2858	TE	019-5001	$1,338.76

CHLOROCLEAN NO. 269

HYDRITE CHEMICAL CO.

A liquid, non-phosphated, low foaming chlorinated alkaline cleaner containing sequestering agents. Alkaline salts saponify oils and fats for fast CIP cleaning. Non-phosphated to reduce effluent phosphorous discharge levels. Can be used for CIP and Egg Wash applications.

Description	Wt	Unit	Stock #	PRICE
Chloroclean No. 269, 5 gal/pl	50.2	PA	775-4013	$55.26
Chloroclean No. 269, 55 gal/dr	552.2	DR	775-4012	$331.85

CIR KLEEN NO. 265

HYDRITE CHEMICAL CO.

Chlorinated alkaline product containing sequestering agents to eliminate scale build-up in all water conditions. Excellent for removing protein soils. Non-foaming for CIP applications, but can be used for general cleaning with Orbit No.363 foaming additive.

Description	Wt	Unit	Stock #	PRICE
55 gal/dr	554	DR	775-4088	$328.26
300 gal/tote	3024	TE	775-4083	$1,657.89

CIP Alkaline Cleaners

DEPTAL WS™

HYPRED *Your High Performance*

This liquid non-chlorinated caustic cleaner is formulated specifically for cleaning hot processing equipment, HTST, evaporators and other CIP applications. Combines high alkalinity with excellent wetting, sequestering and defoaming properties.

Size	Wt	Unit	Stock #	PRICE
5 gal	53	PK	019-5207	$48.67
15 gal	187	DR	019-5208	$142.74
55 gal	709	DR	019-5004	$515.14
275 gal	3425	TE	019-7209	$2,474.61

More Plant Cleaning Chemicals on the next page...

Call Customer Service at 800-826-8302

PLANT CHEMICALS

CIP Alkaline Cleaners

CONQUEST™

Heavy-duty liquid alkaline detergent for use in re-circulation cleaning (CIP) in the dairy and food processing industries.

Size	Wt	Unit	Stock #	PRICE
55 gal	643	DR	800-7003	$714.13

CHELATED CAUSTIC MG

A concentrated liquid alkaline cleaner formulated for Clean-In-Place (CIP) and circulation cleaning of dairy and food processing equipment. Contains chelating agents to aid with rinsing and help reduce scale build-up. Chelated for low to moderately hard water conditions.

Description	Unit	Stock #	PRICE
5 gal/pl	PA	775-5070	$42.68
51 gal/dr, clear	DR	775-4001	$308.68
51 gal/dr, blue	DR	775-4040	$291.12
220 gal/tote	TE	775-4002	$1,008.57

CHELATED CAUSTIC NO. 256

A high alkaline, low foaming detergent containing chelating agents to control water hardness and wetting agents to improve rinsing and scale control. For use in meat, poultry, egg, and dairy plants. A versatile product that can be used in many applications such as CIP, HTST, evaporators, centrifuges, and fryers.

Description	Unit	Stock #	PRICE
51 ga/dr	DR	775-4009	$315.66

HYDRA-SOL NO. 259

A heavy duty non-phosphated caustic cleaner containing a high degree of chelants and wetting agents. This product is geared for the most demanding cleaning jobs under hard water conditions. Concentrated, chelated, liquid alkaline cleaner formulated for CIP cleaning in dairies, food plants, and can also be used for bottlewash applications. The chelants and surfactants are good rinsing agents to help control scale build-up in difficult hard water conditions.

Description	Wt	Unit	Stock #	PRICE
51 gal/dr	621	DR	775-4010	$281.84

HYDRIFLUX NP NO. 366

A highly concentrated, liquid, non-chlorinated alkaline cleaner for RO, UF and NF membrane systems in the dairy, plasma, and food industries. A non-phosphated, high caustic, non-chelated product. Use at manufacturers pH recommendations and temperature.

Description	Wt	Unit	Stock #	PRICE
55 gal/dr	553	DR	775-4020	$396.00

ULTRA 1000

A premium, heavy duty, liquid alkaline detergent formulated expressly for use in cleaning heavily soiled equipment and pipelines and food-borne soils typically found in food processing plant. Formulated for use in pipelines, boil out, spray, soak and CIP operations where carbon, heavy burn-on, grease, oil, blood and fat must be removed. Free rinsing.

Description	Wt	Unit	Stock #	PRICE
55 gal/dr	705	DR	775-5068	$365.85
320 gal/te	4160	TE	775-5067	$1,173.05

ULTRA 1030 NO. 1226

A premium, heavy duty, liquid alkaline detergent formulated expressly for use in cleaning heavily soiled equipment and pipelines and food-borne soils typically found in food processing plants. For use in pipelines, boil out, spray, soak and CIP operations where carbon, heavy burn-on, grease, oil, blood and fat must be removed. Contains water conditioners to prevent scale buildup in hard water.

Description	Wt	Unit	Stock #	PRICE
5 gal/pa	57	PA	775-4211	$44.86
55 gal/dr	602	DR	775-4062	$302.73

INTREPID NO. 411

A concentrated non-phosphated, low-foaming liquid alkaline cleaner formulated for CIP of dairy and food processing equipment. Product is highly concentrated but contains less alkalinity and sodium than typical CIP cleaners. Contains corrosion inhibitors to be soft metal safe and water conditioners to prevent scale buildup in hard water.

Description	Wt	Unit	Stock #	PRICE
5 gal/pl	59	PA	775-5052	$45.66
55 gal/dr	650	DR	775-4095	$379.21

Prices subject to change.

CIP Acid Cleaners

DEPTACID 2020™

Use this unique low-foaming liquid acid detergent containing a blend of mineral acids and a low-foaming surfactant formulated for CIP cleaning of stainless steel food processing and dairy equipment.

Size	Wt	Unit	Stock #	PRICE
5 gal/pk	55	PK	019-5105	$64.75
15 gal/dr	166	DR	019-5106	$178.34
55 gal/dr	592	DR	019-5107	$613.97

DEPTACID EC™

Low-foaming acid detergent formulated for cleaning stainless steel food processing equipment and acidified rinsing of dairy, beverage and food processing equipment.

Size	Wt	Unit	Stock #	PRICE
5 gal	58	PK	019-5452	$80.72
55 gal	629	DR	019-5451	$748.91
275 gal/te	3161	TE	019-5453	$3,369.37

ULTRA LFA NO. 176

A non-phosphated, low foaming liquid acid cleaner for acid CIP cleaning of lines, silos, HTST's, separators, and evaporators in the dairy industry. Acid cleaning of cookers, fryers and other heat processing equipment in the food industry. Non-phosphated to reduce effluent phosphorus levels. Nitric acid based product that is non-corrosive to stainless steel.

Description	Wt	Unit	Stock #	PRICE
55 gal/dr	611	DR	775-5064	$228.05

NITRIPLUS NO. 196

A non-phosphated, low foaming liquid acid cleaner that dissolves lime and other mineral deposits. Product performs well in manual and mechanical cleaning applications. Excellent for override systems and passivating new and used equipment. For scale removal and acidified rinses in evaporator and CIP applications. Non-phosphate acid to minimize sewerage charges.

Description	Wt	Unit	Stock #	PRICE
5 gal/pa	51	PA	775-4063	$51.05
55 gal/dr	558	DR	775-4008	$251.26

IMAGE NO. 186

A non-phosphated, low foaming liquid acid cleaner that dissolves lime and other mineral deposits in evaporator and CIP applications. Product performs well in both manual and mechanical cleaning applications. Can also be used for passivating new and used equipment. Excellent for override systems and is dyed red for easy identification.

Description	Wt	Unit	Stock #	PRICE
55 gal/dr	576	DR	775-4006	$202.05
250 gal/tote	2538	TE	775-4042	$763.15
300 gal/tote	3045	TE	775-4007	$1,215.78

Foaming

DEPTAL MCL™

This heavy-duty, chlorinated self-foaming alkaline cleaner is especially effective on tough food soils. Formulated for use with foaming equipment.

Size	Wt	Unit	Stock #	PRICE
5 gal/pl	48	PK	019-5121	$55.41
15 gal/dr	155	DR	019-5122	$166.22
55 gal/dr	552	DR	019-5124	$494.92

DEPTAL FM2™

This heavy-duty foaming non-chlorinated cleaner is excellent for use with smokehouse cleaning, degreaser, and stainless steel equipment surfaces. Boost cleaning power by adding sodium hypochlorite to the solution.

Size	Wt	Unit	Stock #	PRICE
5 gal/pl	60	PK	019-7018	$80.38
15 gal/dr	175	DR	019-7019	$241.17
55 gal/dr	659	DR	019-7020	$792.56

DEPTACID 400 M™

A highly concentrated self-foaming acid formulated from a blend of special surface active agents and mineral acids. When used with a foaming device, provides excellent cleaning of surfaces, such as walls, floors, equipment exteriors and all of those hard to reach places. The high foaming ability results in extended contact time and outstanding cleaning results.

Size	Wt	Unit	Stock #	PRICE
5 gal/pl	52	PK	019-5114	$74.26
15 gal/dr	158	DR	019-5116	$211.69
55 gal/dr	579	DR	019-5115	$784.98

Call Customer Service at 800-826-8302

PLANT CHEMICALS

Foaming

DEPTAL MULTI™

Use this highly effective degreaser for the removal of animal fats from food contact surfaces with a foaming system. Its unique formula, which contains detergents, degreasing agents, emulsifiers and an anti scaling agent, allows for excellent cleaning results without harming metals such as steel, aluminum or copper.

Size	Wt	Unit	Stock #	PRICE
5 gal	46	PK	019-5183	$66.02
15 gal	144	DR	019-5182	$198.06
55 gal	509	DR	019-5283	$645.49

DEPTAL MPM™

Foam clean with just one product that removes soils and minerals, eliminating the need to foam or follow up with an acid. Non-chlorinated to reduce product sticking and reduce corrosion on gaskets and metals. Environmentally-friendly, non-phosphate formula.

Size	Wt	Unit	Stock #	PRICE
5 gal	59	PK	019-7027	$78.41
55 gal	584	DR	019-7029	$758.71

DEPTACID ECM™

Choose this environmental friendly self foaming acid to clean walls, floors and equipment exteriors and reduce phosphorus and BOD in effluents.

Size	Wt	Unit	Stock #	PRICE
5 gal	56	PK	019-5454	$79.08
55 gal	590	DR	019-5456	$749.54

DEPTAL CSM™

Chlorinated self foaming cleaner formulated for use with foam cleaning devices. This is an excellent deodorizer and is suitable for use on aluminum and other soft metals.

Size	Wt	Unit	Stock #	PRICE
5 gal	56	PK	019-5007	$53.08
15 gal/dr	161	DR	019-5006	$159.24
55 gal	574	DR	019-5005	$534.00

ENRICH NO. 299

A non-phosphated high foaming chlorinated alkaline cleaner. This product is self-foaming with special chelants added for excellent rinsing and powerful surfactants for grease cutting. Use for external cleaning of equipment in the meat and dairy industries.

Description	Wt	Unit	Stock #	PRICE
5 gal/pl	51	PK	775-4015	$68.42
55 gal/dr	525	DR	775-4014	$375.15

Powdered Alkaline Cleaners

DEPTAL POWDER MCL™

A powdered chlorinated alkaline cleaner formulated for manual washing of food contact surfaces in food processing operations. It combines chlorine with a powerful blend of alkali, phosphates, sequestering agents and surfactants. Rinses freely and leaves stainless steel bright and shiny.

Size	Wt	Unit	Stock #	PRICE
100 lb/dr	104	DR	019-5193	$181.05
400 lb/dr	414	DR	019-5184	$571.77

DEPTA POWDER TS

Formulated powdered cleaner for efficient general cleaning. Cleans all types of surfaces, is high foaming, and rinses freely. It is a concentrated detergent that is powerful, mild to use, and safe on all types of equipment. Safe on all surfaces, dissolves rapidly/completely, and is excellent in dissolving fats and proteins.

Description	Wt	Unit	Stock #	PRICE
50 lb	50	PK	019-5723	$75.00
100 lb	104	DR	019-5721	$149.75
400 lb	412	DR	019-5722	$514.18

Cold War™

Reduce hot water consumption and save on energy costs with this 100°F and higher product. Superior cleaning, multi-temperature, powdered formula for mechanical and CIP cleaning of dairy equipment.

Size	Wt	Unit	Stock #	PRICE
45 lb	48	PA	800-5260	$122.13

Prices subject to change.

General/Manual Cleaners

DEPTA TS

This all purpose, heavy duty liquid manual cleaner is concentrated and ready to use. DEPTA TS is formulated with a highly concentrated blend of surfactants providing exceptional cleaning performance. Has high detergency, is safe on all surfaces, and gentle on your hands. Use on floors, walls, dishwash, pots, and pans.

Description	Wt	Unit	Stock #	PRICE
2.5 gal/pk	25	PK	019-5715	$29.30
5 gal/pk	42	PK	019-5714	$56.50
15 gal/dr	138	DR	019-5716	$161.16
55 gal/dr	490	DR	019-5717	$466.47

Neutral Cleaners

ENZYTERGE NO. 400

A neutral liquid cleaner that contains surfactants and highly concentrated enzymes, for use on MF, RO, UF and Nano membranes. Enzyme cleaner for removing proteinaceous soils in the dairy, food and beverage industry. Highly concentrated with twice the enzyme activity as Hydrizyme. Especially effective in removing plasma from RO and Nano membranes. It has a stable formulation for use in mildly alkaline solutions.

Description	Wt	Unit	Stock #	PRICE
55 gal/dr	500	DR	775-4135	$1,439.26

HYDRIZYME NO. 399

A neutral, liquid cleaner that contains stabilizing surfactants and highly concentrated enzymes for use on MF, RO, UF and Nano membranes. Enzyme cleaner for removing proteinaceous soils in the dairy, food and beverage industries. A cost effective protein remover, use at 0.3 to 0.5 ounces per gallon.

Description	Wt	Unit	Stock #	PRICE
55 gal/dr	482	DR	775-4024	$1,093.63

Sanitzers

DEPTIL QAC

A proven highly effective cationic sanitizer with exceptional hard water tolerance. DEPTIL QAC is a 10% active food contact sanitizer utilizing the four-chain quat, 5th generation quat. This concentration gives you the industry standard 1-oz per 4 gallons dilution for a 200 ppm active sanitizer. At 2-oz per 4 gallons, you get a 400 ppm active quat sanitizer for food contact surfaces with a no rinse claim. Highly effective against gram negative bacteria, yeast, and algae.

Size	Wt	Unit	Stock #	PRICE
5 gal/pk	44	PK	019-5729	$57.45
55 gal/dr	478	DR	019-5727	$577.29
275 gal/te	2390	TE	019-5728	$2,803.60

DEPTIL CL

A sodium hypochlorite (chlorine) solution combined with other compatible ingredients for maximum stability. DEPTIL CL is a proven quick acting microbiocide which, when used at recommended concentrations on cleaned surfaces, is effective against a wide range of vegetative and spore forming bacteria, molds, yeasts, and bacteriophage. NSF certified and EPA approved.

Size	Unit	Stock #	PRICE
2.5 gal/pk	PK	019-5730	$16.82
5 gal/pk	PK	019-5731	$28.77
15 gal/dr	DR	019-5732	$82.54
55 gal/dr	DR	019-5733	$262.81

DEPTIL ACID SAN

EPA registered acid sanitizer for dairies, kitchens, food handling and process areas. Fast and effective sanitizer with no rinse required if used as directed. Self-foaming and ideal for entryway foamers and manual sanitizing of utensils. Effective against Salmonella, Listeria, and E.coli, 0157:H7.

Size	Unit	Stock #	PRICE
2.5 gal/pk	PK	019-5098	$57.29
15 gal/dr	DR	019-5102	$336.74
55 gal/dr	DR	019-5103	$1,097.51

Need to find the right cleaner or sanitizer for your application?

We'll be happy to discuss your process and suggest the right product to meet your needs.

Call Customer Service at 800-826-8302

PLANT CHEMICALS

Sanitzers

DEPTIL PAA™

This peracetic acid sanitizer is used for sanitizing food contact surfaces in food process facilities. Can also be used for sanitizing walls, floors, hard surfaces, and fogging in food and dairy establishments.

Size	Wt	Unit	Stock #	PRICE
5 gal	48	PK	019-5145	$109.39
15 gal	159	DR	019-5146	$328.16
55 gal	525	DR	019-5147	$1,005.57

Ster-Bac® Quat, 4 x 1

This liquid quaternary ammonium sanitizer is for use on non-food contact surfaces. Ideal for deodorizing, disinfecting and no-rinse sanitizing.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal/cs	36	CA	800-5815	$99.10
55 gal	480	DR	800-5820	$1,188.74

AQTIVESan-97™ Quaternary Wipes

Sanitizing wipes for use in food handling and processing areas to sanitize pre-cleaned, hard, non-porous, food contact and non-food contact surfaces. Wipes are a 400 ppm active quaternary pre-saturated wipe, which kills 99.999% of bacteria (Staph, E.coli) in 60 seconds. Fast and effective food contact surface sanitizer for dairies, institutional kitchens, food handling and processing areas. Antibacterial formula sanitizes food and non-food contact surfaces. No rinse required after use, if used as directed for sanitizing food contact surfaces.

Description	Wt	Unit	Stock #	PRICE
Pail, 4/ca	45	CA	019-6092	$128.34

EfferSan™

Highly effective multipurpose sanitizer, disinfectant and deodorizer. A convenient, effervescent tablet, EfferSan is easy to store, handle and prepare for use. When dissolved in water, it creates a versatile sanitizing solution that can help ensure the quality and safety of your final food products. The advanced chlorine molecule found in EfferSan yields a pH-neutral solution that is mild on skin and surfaces. EPA-registered for use in food and beverage processing operations. 100 tablets per jar.

Description	Unit	Stock #	PRICE
24 tablets/jr	JR	004-5010	$27.17
100 tablets/jr	JR	004-5015	$78.00
Pre-Labeled Reusable Containers			
32-oz spray bottle	EA	004-5001	$3.32
2 gal sprayer	EA	004-5002	$22.44

DICTATE NO. 465

A highly concentrated, low foaming, liquid acid sanitizer for CIP, COP, and other no-rinse applications. Effective germicidal action, EPA registered. This product removes minerals, scale, and sanitizes in one step using only 1-2 ounces to 6 gallons of water.

Description	Wt	Unit	Stock #	PRICE
5 gal/pa	48	PA	775-4073	$115.78
55 gal/dr	529	DR	775-4028	$1,022.42

HYDRI-SAN NO. 468

A concentrated liquid acid-anionic sanitizer for food processing and dairy plant operation. The high acid content eliminates mineral films. Highly concentrated for economical use dilutions of 1 ounce per five gallons of cold or warm water. Non-corrosive to stainless steel and does not harm rubber parts. Acid sanitizer removes mineral films. Recommended for use on all utensils, equipment, and all membranes.

Description	Wt	Unit	Stock #	PRICE
5 gal/pa	55	PA	775-4074	$110.52
55 gal/dr	605	DR	775-4031	$914.73

HYDROXYSAN PLUS

Used in the dairy, food, wine, and beverage processing industry for CIP pipeline, filling machines, bottle washing, and tank cleaning, sanitization, disinfection, and fogging. It is also used in the treatment of process water, cooling water, and wastewater. A hard surface sanitizer for eggs and egg processing equipment. This is a peracetic/hydrogen peroxide based product for sanitizing all equipment in the food industry and is designed for application in CIP systems.

	Wt	Unit	Stock #	PRICE
4.8 gal/pl	38	PA	775-5094	$135.56
53.5 gal/dr	505	DR	775-5092	$977.07

MULTIQUAT NO. 455

A no-rinse quaternary based acid sanitizer. This product contains four quaternaries for a more effective kill at lower concentrations. One ounce per 4 gallons equals 150ppm. An EPA registered no-rinse sanitizer for use on food contact surfaces and as a final sanitizer for eggs at 150 ppm. Disinfecting at 2 oz to 4.5 gal.and Fogging at 1 oz per gal. Effective in water to 500 PPM hardness.

Description	Wt	Unit	Stock #	PRICE
5 gal/pa	41	PA	775-4071	$65.78
55 gal/dr	455	DR	775-4059	$422.81

Prices subject to change.

SAN-I-KING NO. 451

A no-rinse chlorine sanitizer with 12.5% available chlorine. Broad spectrum kill. One ounce per 5 gallons equals 200 ppm. EPA registered no-rinse chlorine sanitizer for use on food contact surfaces up to 200 PPM. Effective as a CIP additive for protein soil removal. Can also be used for fogging to remove bacteria and spores from air.

HYDRITE CHEMICAL CO.

Description	Wt	Unit	Stock #	PRICE
4x1 gal/ca	40	CA	775-4026	$29.47
5 gal/pa	51.1	PA	775-4025	$36.84
52 gal/dr	520	DR	775-4057	$164.26
300 gal/te	3000	TE	775-4084	$779.21

SUSTAIN NO. 464

A no-rinse acid sanitizer used in the dairy, food and beverage processing industry for COP and CIP pipeline, silo, tank, and equipment cleaning. Primarily for use on stainless steel and plastic materials. An oxidizing sanitizer that exhibits excellent bactericidal and fungicidal activity against a wide range of microorganisms in cold or warm water. It contains no phosphates.

HYDRITE CHEMICAL CO.

Description	Wt	Unit	Stock #	PRICE
4.5 gal/pa	42.03	PA	775-4072	$127.89
52 gal/dr	485.68	DR	775-4060	$942.96

Floor Sanitizers

Security Floor Treatment

The first third-generation alkali peroxide dry entryway control/drain/floor treatment that, when activated, quickly generates hydrogen peroxide and oxygen. Security Floor Treatment's alkalinity and accelerants greatly increase chemical activity and oxygen-release rate without water. The easy-to-apply granular product penetrates into all cracks, crevices and porous surfaces where convention floor treatments won't. No moisture needed to be active like quat products.

Size	Wt	Unit	Stock #	PRICE
100 lb	106	DR	013-5000	$298.00
400 lb	419	DR	013-5001	$916.92

PASSAGE NO. 323

A granular low foaming floor treatment designed to maintain cleanliness on food, beverage and dairy plant floors after cleaning. When moisture is present, the product liberates both hydrogen peroxide and quaternary amine complex. Surfactant reduces the surface tension and allows the product to penetrate crevices and hard to clean areas.

HYDRITE CHEMICAL CO.

Description	Wt	Unit	Stock #	PRICE
100 lb/pk	100	PK	775-4018	$200.00
495 lb/dr	495	DR	775-4017	$917.05

Additives, Defoamers, and Specialty Cleaners

DEPTA+

A concentrated liquid additive for alkaline cleaning solutions. The unique combination of chelating agents, detergents and surfactants provides excellent cleaning properties for hard-to-clean soils. Useful as an aid in removing tough fat and mineral deposits. In most cases will eliminate the need for an acid wash.

HYPRED Your High Performance

Size	Wt	Unit	Stock #	PRICE
2.5 gal/pk	28	PK	019-5160	$61.73
55 gal/dr	590	DR	019-5162	$927.36

DEPTIL POH™

Use this additive to improve cleaning results in an alkaline solution. Also can be used as a whitening agent on conveyors and walls.

HYPRED Your High Performance

Size	Wt	Unit	Stock #	PRICE
5 gal/pk	47	PK	019-5165	$99.04
55 gal/dr	522	DR	019-5167	$915.52

ULTRASIL 01®

Concentrated non-ionic detergent additive developed specifically for cleaning ultra-filtration and micro-filtration membranes.

ECOLAB

Size	Wt	Unit	Stock #	PRICE
15 gal	139	EA	800-5871	$495.42

DEFOAMER NO. 553

Foam suppressant for CIP cleaning, soak tanks, mechanical cleaning, egg machines and evaporators. Effective in all cleaning areas where control of foam is important. Defoaming surfactants penetrate soils as an added benefit. Works above 90°F. For general defoaming, use 1 ounce per 25 gallons of water.

HYDRITE CHEMICAL CO.

Description	Wt	Unit	Stock #	PRICE
5 gal/pa	43	PA	775-4035	$110.48
55 gal/dr	470	DR	775-4034	$729.89

MAGRABAR 10-SN 10% Silicone Defoamer

Silicone emulsion defoamers are most effective. Our food grade 10% silicon formulation, if added to the base liquid before other additions, will reduce foaming to near zero. As a direct food additive, this defoamer is limited to 100 PPM; however, it give maximum performance at minimum levels. Lower pH formula has improved keeping quality. Kosher/Kosher for Passover.

Applications: Egg Washing, Egg Breaking, CIP (Clean-In-Place), COP Tanks, and Effluent Treatment.

Size	Unit	Stock #	PRICE
450 lb	GA	415-5021	$18.99
4 x 1 gal	PK	415-5026	$75.26
40 lb pk	DR	415-5013	$568.42

Call Customer Service at 800-826-8302

PLANT CHEMICALS

Ingredients

MAGRABAR PD-650 Non-Silicone Defoamer

Use this food-grade, non-silicone defoamer, to destroy existing foam in protein and carbohydrate media. The formula is a water emulsion that strictly adheres to FDA direct/indirect ingredient approvals. Works well in a wide range of pH and temperatures in the Cheese and Dairy industry. Certified Kosher and Halal.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal	8	GA	415-4031	$19.53
5 gal/pk	42	PK	415-4040	$83.92
55 gal/poly dr	452	DR	415-4056	$582.58

CAUSTIC DEFOAMER

This concentrated liquid additive is for alkaline cleaning solutions. The unique combination of surfactants provides excellent wetting and defoaming properties. It is useful as an aid in removing tough fat deposits from dairy equipment.

Size	Wt	Unit	Stock #	PRICE
55 gal	485	DR	800-8004	$916.57

DEPTAL FLOOR™

A liquid heavy-duty general purpose floor cleaner formulated from silicates, phosphates, a blend of surfactants, and water conditioners.
Designed for use in automatic scrubbing machines for cleaning of concrete floor and tiles in food processing plants. It is an excellent grease and oil emulsifier.

Size	Wt	Unit	Stock #	PRICE
5 gal/pk	53	PK	019-5222	$44.45
55 gal/dr	590	DR	019-5223	$447.94

Looking for the right cleaner and sanitizer for your plant?

Call our Plant Chemical Specialists to discuss your application

FARM CHEMICALS

Chlorinated Alkaline Liquid Cleaners

PRO CLEAN II™

Overcomes tough low-temperature problems. Removes fat, proteins and other milk solids at cleaning temperatures as low as 90°F. Chlorinated liquid.

Size	Wt	Unit	Stock #	PRICE
15 gal	158	DR	800-8010	$102.21

CHLORKLEEN™

Heavy-duty detergent with superior CIP cleaning power - even in hard water. Chlorinated Alkaline liquid.

Size	Wt	Unit	Stock #	PRICE
5 gal	55	PK	800-8020	$68.93
15 gal	162	DR	800-8021	$161.72

KLEEN-HD™

Liquid chlorinated cleaner formulated for economical, yet efficient cleaning of CIP dairy equipment.

Size	Wt	Unit	Stock #	PRICE
5 gal/pk	52	PK	800-8018	$51.99
15 gal/dr	155	DR	800-8019	$127.37

Monarch® Liquid HD-325

Liquid, chlorinated high alkaline detergent, especially for bulk tank and pipeline washing.

Size	Wt	Unit	Stock #	PRICE
5 gal	54	PA	800-5230	$44.63

Liquid 90™

Liquid, chlorinated alkaline detergent for CIP pipeline and mechanical bulk tank cleaning.
Not for hard surface disinfectant or sanitizer.

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	52	PA	800-5580	$32.75
15 gal/dr	154	DR	800-5582	$84.96

More Farm Chemicals on the next page...

Prices subject to change.

FARM CHEMICALS

Chlorinated Alkaline Liquid Cleaners

Dairy Cycle 3™

Formulated for use in bulk tanks and extra long pipelines. Phosphate-free, low-foaming. Chlorinated alkaline liquid.

DeLaval

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	56	PA	739-5018	$32.31
15 gal/dr	165	DR	739-5019	$73.54
30 gal/dr	337.999	DR	739-5022	$143.47

DAIRY PRIME

Non-phosphate chlorinated alkaline liquid cleaner for circulation cleansing. Best for pipelines, bulk tanks and milk transfer systems. Most effective in temperatures from 130° to 160°F.

DeLaval

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	56	PA	739-5012	$38.24
15 gal/dr	167	DR	739-5014	$86.40
55 gal/dr	608	DR	739-5016	$294.02

Alkaline Powdered Cleaners

Monarch® Extra

Heavy-duty, powdered, chlorinated alkaline detergent specifically formulated with corrosion inhibitors for bulk tank and pipeline washing.

ECOLAB

Size	Wt	Unit	Stock #	PRICE
45 lb	48	PA	800-5220	$74.93

Monarch® HD-325

Chlorinated, high alkaline, powdered detergent designed for bulk tank and pipeline washing.

ECOLAB

Size	Wt	Unit	Stock #	PRICE
45 lb/pa	48	PA	800-5052	$69.46
325 lb/dr	339	DR	800-7052	$646.21

Your source for Farm Supplies, Cleaners, Sanitizers, Teat Dips, Udder Washes, Dairy Towels, Milk Filters, and more!

Acid Cleaners

ACID HD™

ECOLAB

Non-foaming, circulation acid cleaner for use in pipelines, bulk tanks and other milking equipment.

Size	Wt	Unit	Stock #	PRICE
5 gal	51	PK	800-8001	$39.29

HD PL-10™ Plus

Concentrated, non-foaming, triblend acid detergent which helps remove alkaline films from milking equipment surfaces.

ECOLAB

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	52	PA	800-5711	$44.99
15 gal/dr	154	DR	800-5712	$124.00

Heads Up 5

This product is a concentrated, premium, high-foam liquid acid detergent, designed for challenging foam and manual cleaning applications where high foam characteristics are desirable. Heads Up 5 contains phosphoric acid and is safe for use on stainless steel, aluminum and many other surfaces when properly diluted. Strong enough to handle the most difficult soils and cleaning applications.

Pkg	Wt	Unit	Stock #	PRICE
5 gal/pa	55	PA	013-6000	$37.81
55 gal/dr	583	DR	013-6001	$348.79

Prime-D®

Low-foaming triple acid cleaner is designed for use in the circulation cleaning of pipelines, bulk tanks and other milking equipment. Use also as an acid rinse to prevent water spotting and milkstone formulation.

DeLaval

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal/ca	44	CA	739-5078	$44.41
5 gal/pa	54	PA	739-5080	$38.26
15 gal/dr	161	DR	739-5082	$94.93

Dairy MSR 50™

Economical and effective phosphoric acid based pipeline and bulk tank cleaner and brightener. Use as an acidified rinse to remove mineral deposits and detergent residues.

DeLaval

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	51	PA	739-5056	$31.22
15 gal/dr	154	DR	739-5057	$78.03

Call Customer Service at 800-826-8302

FARM CHEMICALS

EfferSan™

Highly effective multipurpose sanitizer, disinfectant and deodorizer. A convenient, effervescent tablet, EfferSan is easy to store, handle and prepare for use. When dissolved in water, it creates a versatile sanitizing solution that can help ensure the quality and safety of your final food products. The advanced chlorine molecule found in EfferSan yields a pH-neutral solution that is mild on skin and surfaces. EPA-registered for use in food and beverage processing operations. 100 tablets per jar.

- Highly effective, broad spectrum sanitizer and disinfectant.
- Mild, pH-neutral formula with twice the effectiveness of chlorine.
- One-step application - no rinsing required.
- Effective odor control.
- Convenient tablet form.
- 300 gallons of sanitizer in a 1 pound jar @ 100 PPM.

Description	Unit	Stock #	PRICE
24 tablets/jr	JR	004-5010	$27.17
100 tablets/jr	EA	008-3050	$2,913.61
Pre-Labeled Reusable Containers			
32-oz spray bottle	EA	004-5001	$3.32
2 gal sprayer	EA	004-5002	$22.44

Heads Up 10

This product is an ideal cleaner/disinfectant/sanitizer for use in areas where mineral soils are a challenge. This product leaves behind a shiny, mineral free surface when used in food plants, farms, or in the third sink in bars.

Pkg	Wt	Unit	Stock #	PRICE
4 x 1-gal/ca	44	CA	013-6012	$66.35
5 gal/pl	55	PA	013-6010	$80.49
55 gal/dr	550	DR	013-6011	$818.30

Dairy Towels and Wipes found on page 387...

Sanitizers

AL CLOR 10™

A 10% sodium hypochlorite solution combined with other compatible ingredients for maximum stability. Effective against a wide range of vegetative and spore forming bacteria, molds, yeasts and baceriophages.

Size	Wt	Unit	Stock #	PRICE
5 gal/pk	51	PK	800-8002	$29.91
15 gal/dr	151	DR	800-8003	$85.84

Mandate™

Unique, patented, low-foaming acid sanitizer designed for automated CIP systems.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal/ca	45	CA	800-5625	$158.16
5 gal/pa	56	PA	800-5627	$186.53

Mandate Plus™

EPA-registered, low-foaming acid sanitizer with antimicrobial efficacy. Designed for automated CIP systems.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal/ca	41	CA	800-7057	$121.99
5 gal/pa	52	PA	800-5623	$138.00
55 gal/dr	560	DR	800-7055	$1,706.03

XY-12®

Liquid, 8.4% sodium hypochlorite (chlorine) sanitizer.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal/ca	41	CA	800-5885	$34.75
55 gal/dr	553	DR	800-5891	$388.69

Equipment Sanitizer

Use as a CIP sanitizer for dairy and food processing applications, 8.4% sodium hypochlorite (chlorine) formula.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal/ca	41	CA	800-5242	$20.15
5 gal/pk	51	PA	800-5240	$25.31

Prices subject to change.

FARM CHEMICALS

Extract-2

Economical 12.5% sodium hypo-chlorite sanitizer for general sanitizing of milking equipment.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal	45	CA	739-5110	$35.16

PCS Powder

PCS (powdered chlorinated sanitizer) is a non-foaming, EPA-registered sanitizer for pipelines, bulk tanks and utensils. Effective against a broad spectrum of microorganisms.

Size	Wt	Unit	Stock #	PRICE
6 x 5 lb jar	33	CA	739-5120	$152.27

STATIBAC™

Acid sanitizer designed for CIP sanitizing of dairy farm pipelines and bulk tanks. Dual purpose phosphoric based product, acid rinses as it sanitizes.

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	66	PA	739-5096	$296.63
15 gal/dr	195	DR	739-5098	$567.52

General & Manual Cleaners

DAIRY EQUIPMENT CLEANER™

Makes quick manual cleaning of bulk tanks, pipes, pails, strainers and small parts easy. This chlorinated alkaline powder dissolves rapidly and is economical to use.

Size	Wt	Unit	Stock #	PRICE
35 lb/pa	38	PA	800-8005	$64.79
100 lb/dr	105	DR	800-8006	$177.36

Expedite Liquid™

Concentrated liquid non-chlorinated neutral manual cleaner provides fast, thorough cleaning action. Emulsifies fats and greases to leave equipment sparkling bright. Safe on all metals.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal	39	CA	739-5128	$69.71

Super Kleenite™

Chlorinated alkaline powdered cleaner for manual tank and equipment cleaning. Provides adequate foam to float away hard water minerals. Free rinsing for a non-spot finish.

Size	Wt	Unit	Stock #	PRICE
25 lb	28	PA	739-5102	$64.64

3V Liquid Detergent

Concentrated, high-foaming detergent that's pH neutral and biodegradable. Ideal for manual cleaning of equipment.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal	36	CA	018-5200	$44.70

Udder Washes

Clean™ Sanitizer & Udderwash

Liquid iodine udder wash. Can also be used for sanitizing milking equipment, utensils and in back-flushing systems as an aid in preventing mastitis.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal/ca	41	CA	739-5252	$114.51
5 gal/pa	51	PA	739-5254	$130.42

Udder-Dyne™

This udder-wash contains powerful antimicrobial iodine to effectively kill a broad spectrum of mastitis causing organisms. Nonirritating to hands or cow's teats.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal	39	CA	739-5260	$65.64

MONODINE

Iodine/acid blend teat wash is highly effective against mastitis-causing microorganisms, yet gentle on skin.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal	39	CA	800-7061	$50.78

Call Customer Service at 800-826-8302

FARM CHEMICALS

Teat Dips & Sprays

PROTECT™

Help protect against microorganisms with this 1% iodine post milking barrier with 12% skin conditioners. Product forms a flexible, non-tack film on the teat and closes the orifice to help prevent microorganisms from entering the teat canal between and after milking.

Size	Wt	Unit	Stock #	PRICE
5 gal/pk	40	PK	800-8007	$90.37
15 gal/dr	120	DR	800-8009	$205.53
55 gal/dr	500	DR	800-8008	$919.87

IO-Shield®

This is a germicidal 0.25% iodine and acid teat dip that forms a protective barrier on the teat. It is a ready-to-use formula with a non-irritating formula to aid in teat conditioning.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal/ca	38	CA	800-5458	$92.36
5 gal/pa	46	PA	800-5460	$109.34

Oxy-Gard®

Unique, peroxide-based teat dip that provides fast, broad spectrum germicidal activity before and after milking.

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	46	PA	800-5657	$61.74
15 gal/dr	134	DR	800-5658	$182.94

IODIP 502™

Excellent 0.5% iodine dip or spray for both pre- and post-milking.

Size	Wt	Unit	Stock #	PRICE
15 gal/dr	133	DR	800-8024	$173.30
55 gal/te	488	TE	800-8025	$365.45

IOKOTE II™

Gentle 1% iodine post-milking barrier dip with skin conditioners and extended protection against mastitis-causing microorganisms. Washes off easily with normal teat preparation.

Size	Wt	Unit	Stock #	PRICE
5 gal/pk	46	PK	800-8029	$95.37
15 gal/dr	138	DR	800-8028	$278.09

TD Teat Dip

Provides extra protection against teat irritation with skin conditioners and buffering agents. 1% iodine, 10% glycerine added.

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	48	PA	739-5144	$51.83
15 gal/dr	143	DR	739-5146	$127.39
55 gal/dr	521	DR	739-5150	$427.27

Pre-Post 5000™

Specially formulated 0.5% iodine teat dip. Contains 5% glycerin and is recommended for farms wanting one dip. It is well balanced for effective mastitis control and skin conditioning.

Size	Wt	Unit	Stock #	PRICE
5 gal/pa	48	PA	739-5182	$33.12
15 gal/dr	141	DR	739-5184	$89.16
55 gal/dr	509	DR	739-7002	$304.93

EfferCept® SG Teat Dip

Combines the proven effectiveness of EfferCept with an aloe-enriched conditioner that protects, soothes, and softens teats and udders, while delivering exceptional cleaning power. Available as a concentrated effervescent tablet for convenient handling and usability. Mastitis, or inflammation of the mammary gland is widely considered the single-most profit robbing disease in the US dairy industry. It is critical for preventative measures to be as effective as possible. When used as a pre- or post milking teat dip, EfferCept SG controls a broad spectrum of mastitis-causing organisms including:

- Escherichia coli (E.coli)
- Staphylococcus aureus
- Streptococcus uberis
- Streptococcus agalactiae
- Salmonella choleraesuis
- Salmonella typhimurium
- Pseudomonas species
- Mycoplasma species
- Mycobacterium tuberculosis
- Klebsiella species
- Proteus vulgaris
- Listeria monocytogenes
- Candida species
- Aspergillus species
- Many more viruses

Pkg	Wt	Unit	Stock #	PRICE
110 tablets /jar	4	JR	004-5020	$220.00
550 tablets/jar	21	CT	004-5021	$846.15

Prices subject to change.

SANI-WIPES™ Teat Preparation

Used worldwide on small and large farms for faster milking with less risk of spreading disease. Their effectiveness goes beyond teat preparation. Use them to disinfect milker's hands between cows. Veterinary uses include disinfecting teats before injections or during any treatment involving penetration of the teat. Biodegradable for easy disposal. Cost-effective SANI-WIPES come in a convenient dispenser pail. Buy the starter pail, then save money by purchasing refill packs.

Description	Sheets	Qty/Case	Cases/Pallet	Wt	Unit	Stock #	PRICE
Starter pail	1000/pail	2 pails	40	20	CA	800-8038	$80.86
Refill packs	1000 refill sheets	2 refills	60	19	CA	800-8039	$67.62

MILK CHECK® Teat Wipes

Looking for convenient, one-step udder preparation in a sturdy yet gentle wipe? Impregnated with allantoin, glycerin and lactic acid, these teat wipes offer superior cleaning properties, while preventing teat chapping and reducing cross-contamination.

Contain a unique formulation called Biocell. This natural food-grade approved lactic acid solution contains an effective mixture of ingredients to provide exceptional cleaning and skin conditioning.

Wipes measure 7″ x 8″ and are available in reusable pails of 700 sheets or in refill pouches. Refill pouches feature a tear strip for easy opening and double lamination to maintain freshness.

Description	Pkg	Unit	Stock #	PRICE
Starter Pail	700/pa	PA	126-7002	$22.81
Refills	700/pk, 4 pk/ca	CA	126-7001	$74.45

Cellulose Udder Sponge

The original and still preferred by many for ease in handling. Smaller size rinses fast, yet cleans thoroughly. Withstands udderwash sanitizers. Will not absorb odors or stains. Stays fresh. 2/pack; 36 packs/carton.

Size	Wt	Unit	Stock #	PRICE
8" x 8" x ⅜"	7	CT	618-6141	$79.29

Call Customer Service at 800-826-8302

ROLL TOWELS & DISPENSERS

Controlled Roll Systems

Roll towels are becoming increasingly popular in washroom and process areas because they offer the greatest economy while maintaining quality. An effective, controlled roll towel system is comprised of a high-quality, absorbent toweling and an efficient, metered dispenser. They combine to lower costs by decreasing waste and reducing labor - saving you money.

KLEENEX® Hard Roll Towel

Soft feel and premium performance in a roll towel preferred for hand drying performance. Features absorbency pockets that absorb a lot of water fast, for superior hand drying. 1-ply. White.

Mfg Part #	Size	Pkg	Uses Dispenser:	Unit	Stock #	PRICE
50606	8" x 600'/rl	6 rls/ca	09992 - #371-5483 or 09996 - #371-5363	CA	371-5362	$54.77
01080	8" x 425'/rl	12 rls/ca	09990 - #371-5360	CA	371-5302	$85.95

SCOTT® Hard Roll Towel

Through a unique technology called Hydroflex™ Compression, Kimberly-Clark compressed more towels into the same space as their regular roll towel without sacrificing quality. Towels "bounce back" when dispensed, so absorbency & strength are excellent. High capacity roll requires fewer roll changes and less maintenance. No need for oversized roll or dispenser. 1-ply. White.

Mfg Part #	Size	Pkg	Uses Dispenser:	Unit	Stock #	PRICE
01000	8" x 1000'/rl	12 rls/ca	09990 - #371-5360	CA	371-5307	$126.01
02000	8" x 950'/rl	6 rls/ca	09992 - #371-5483 09996 - #371-5363	CA	371-5358	$67.21

Electronic Touchless Roll Towel Dispenser

Reduce the risk of cross-contamination with a unit that automatically dispenses towel when hands are placed below dispenser. Features adjustable settings for sheet length (8", 11", 14"), time delay (.5, 1.0, or 2.0 seconds) and sensitivity (low, medium, or high) to customize the dispenser for your application. Includes 4 D Cell batteries. An optional AC adapter is available. Battery life of up to one year in a moderate use environment (up to 30 rolls). Low battery indicator light as well as low product indicator light. Smoke/gray. 12.6"W x 16.1"H x 10.2"D. Requires 4-year Loyalty Agreement. Call for details.

Mfg. Part #	Uses Towels:	Unit	Stock #	PRICE
09992	02000 -#371-5358 or 50606 - #371-5362	EA	371-5483	$187.50

IN-SIGHT® SANITOUCH® Roll Towel Dispenser

A reliable, durable and attractive alternative to no-touch dispensers. Just touch the towel you use to reduce the risk of cross-contamination and improve hygiene. Automatic cutting action and easy-to-pull dispensing. Reliable one-at-a-time dispensing helps reduce waste. Stub roll feature. No need for batteries or electric power. 12.6"W x 16.1"H x 10.2"D. Smoke Gray. Requires 4-year Loyalty Agreement. Call for details.

Mfg Part #	Uses Towels:	Stock #	DF =79
09996	02000 - #371-5358 or 50606 - #371-5362	371-5363	$127.50
09990	01000 - #371-5307	371-5360	$163.88

Prices subject to change.

ROLL TOWELS & DISPENSERS

Artisan® Premium Roll Towel

Made from superior quality recycled fibers creating a strong and highly absorbent towel. Brilliant white for a clean, hygienic appearance. Save money and reduce waste when combined with Wausau Paper® controlled roll towel dispensers. Fits 86800 (#061-2870) and 80010 (#061-2990) dispensers.

Mfg Part #	Color	Size	Pkg	Unit	Stock #	PRICE
30620	White	8" x 600'/rl	6 rls/ca	CA	061-2044	$48.07

DublNature® High Quality Green Seal™ Certified Roll Towel

DublNature controlled roll towels offer the softness and strength needed to elevate your hand-drying experience. DublNature features a unique weave pattern creating highly absorbent towels so fewer are needed per hand dry. Made from 100% high-quality recycled fibers for exceptional brightness and are GreenSeal certified. When combined with Wausau Paper® controlled roll towel dispensers, DublNature controlled roll towels offer the benefits of waste reduction and cost savings. All towels for use in the Alliance® (#8900), Wave'n Dry (#80010 & #80020), and OptiServ® (#86800) controlled towel dispensers.

Mfg Part #	Color	Size	Pkg	Unit	Stock #	PRICE
38040	White	8" x 800'/rl	6 rl/ca	CA	061-2040	$52.84
31040	White	8" x 1000'/rl	6 rl/ca	CA	061-2327	$55.10

EcoSoft® 100% Recycled Green Seal™ Certified Roll Towel

Feature a blend of pre and post-consumer waste paper which ensures softness and quality. EcoSoft controlled roll towels provide added value and benefits such as controlled usage and cost savings when combined with Wausau Paper® controlled roll towel dispensers. Made entirely from 100% recovered fibers with a minimum of 40% post-consumer waste. Economical alternative to premium controlled towels. All towels for use in the Alliance® (89000), Wave'n Dry® (#80010 & #80020), and OptiServ® (#86800) controlled towel dispensers.

Mfg Part #	Color	Size	Pkg	Unit	Stock #	PRICE
31600	White	8" x 630'/rl	6 rl/ca	CA	061-2313	$46.51
31500	Natural	8" x 630'/rl	6 rl/ca	CA	061-2314	$47.74
31300	Natural	8" x 800'/rl	6 rl/ca	CA	061-2041	$45.95
31000	Natural	8" x 1000'/rl	6 rl/ca	CA	061-2325	$52.18

Alliance® High-Capacity Electronic Towel Dispenser

Alliance has nearly twice the capacity of typical electronic dispensers, offering the highest capacity in the industry. The Alliance dispenser's revolutionary design accommodates two full rolls of towels - up to 1000' each - to keep traffic moving in the busiest areas and to cut down on time spent refilling dispensers. Automatic roll transfer seamlessly transfers between rolls with no need to move stub roll. Dispenses up to 80 full rolls of 1000' towel on a single set of 4 D-Cell batteries. Indicator lights provide, at a glance, battery and product status.

Easily configure the dispenser to meet your needs. An 11" or 18" paper length can be selected. Also choose from valet mode to automatically dispense a single pre-cut towel when a towel is taken, or on-demand mode to present a towel with the wave of the hand. Dispenser can all be configured to be serviced from either side - maximizing the options for placement.

Accepts a variety of towels including the Artisan®, DublNature® or EcoSoft® brands. Requires Loan Agreement. 12.7"W x 19.3" x 11"D. Call for details.

Mfg Part #	Color	Unit	Stock #	PRICE
89000	Black	EA	061-2993	$42.84
89080	White	EA	061-2994	$42.84

Call Customer Service at 800-826-8302

ROLL TOWELS & DISPENSERS

Wave'n Dry® Electronic Roll Towel Dispensers

Dispenses a single towel at the wave of a hand, ensuring the only thing you touch is your personal towel. Towels are stored fully protected inside the dispenser until you request service, which is particularly important when prevention of cross contamination is critical. Tailor dispensing to your facility's need by choosing a pre-set towel length of 8", 11", 16.5" or 22", and choose the optimal setting for delay between cycles and sensor sensitivity to prevent waste. Stub roll feature eliminates service interruptions. Accommodates a variety of controlled towel choices in Artisan®, DublNature® and EcoSoft® brands. Black. 12"W x 15.8"H x 10.4"D. Requires Loan Agreement. Call for details.

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Mfg Part #	Description	Unit	Stock #	PRICE
80010	Standard	EA	061-2990	$42.84
80020	Water resistant	EA	061-2992	$42.84

OptiServ® Hands-Free Towel Dispenser

Offers the hygiene of hands-free dispensing without the need for batteries. Metered dispensing discourages waste and controls costs. The OptiServ is easy to use and accommodates up to 1,000 feet of toweling, making it ideal for high-traffic facilities where cleanliness is essential. Each pull of the exposed towel dispenses and cuts a single 11-inch towel. A locking cover prevents pilferage. Reversible cover can be configured to open from left or right. Built-in transfer eliminates stub roll waste and reduces service interruptions. Accommodates a variety of 8-inch controlled roll towels in Artisan®, DublNature® and EcoSoft® brands. Black. 12.1"W x 16.8"H x 9.8"D. Requires Loan Agreement. Call for details.

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Mfg Part #	Unit	Stock #	PRICE
86800	EA	061-2870	$12.24

CENTERPULL TOWELS & DISPENSERS

EcoSoft™ CenterPull Roll Towels

100% recycled and meet EPA guidelines for post-consumer wastepaper content, providing one-towel-at-a-time service. Centerpull towels satisfy those who prefer to purchase quality towels produced with methods less harmful to the environment. Double-ply. White.

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Mfg Part #	Sheet Size	Pkg	Uses Dispenser	Unit	Stock #	PRICE
06002	7" x 12"	600'/rl, 6 rl/ca	68100	CA	061-2600	$41.93

CenterPull Dispenser

This centerpull roll towel dispenser is noiseless, very user-friendly and requires only one hand to easily dispense soft, absorbent EcoSoft™ (#061-2600) centerpull towels. Since users touch only the towel they take, the centerpull dispenser aids in preventing cross-contamination and is ideal for healthcare, food preparation and laboratory areas. Features lockable, hinged door for easy maintenance. 10"W x 12.5"H x 10"D. Black.

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Mfg Part #	Unit	Stock #	PRICE
68100	EA	061-2681	$35.31

Prices subject to change.

HOUSEHOLD ROLL TOWLES

KLEENEX® Premiere* Kitchen Roll Towel

Preferred nearly 3 to 1 over the leading consumer kitchen roll towel for softness, hand-drying and wiping power. Strong, absorbent and now has a softer hand-feel.

Mfg Part #	Color	Pkg	Rolls/Case	Unit	Stock #	PRICE
13964	White	70 sheets/rl, 24 rl/ca	24	CA	371-5301	$70.76

EcoSoft™ Household Roll Towels

This EcoSoft household toweling is 100% recycled and contains a minimum of 40% post-consumer waste, which meets EPA guidelines. Toweling is heavily embossed for maximum absorbency and performance, with the wet strength needed for use in business and industry.

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Mfg Part #	Color	Pkg	Rolls/Case	Unit	Stock #	PRICE
40000	White	100 sheets/rl, 30 rl/ca	30	CA	061-2400	$30.28

FOLDED TOWELS & DISPENSERS

SCOTT® SCOTTFOLD® Towels

Eliminate dispensing problems with this ideal replacement for C-fold towels. Dispenses one-at-a-time, eliminating tabs and tears. Easy to load. Fits great in standard C-fold dispensers without adapters. White.

Mfg. Part #	Size	Pkg	Unit	Stock #	PRICE
01980	9.4" x 12.4"	175/pk, 25 pk/ca	CA	371-5430	$52.84

SCOTT® Multi-Fold Towels

The quality you expect from Kimberly-Clark, in a standard multi-fold towel. White.

Mfg Part #	Size	Pkg	Wt	Unit	Stock #	PRICE
01804	9.2" x 9.4"	250/pk, 16 pk/ca	15.305	CA	371-5325	$49.76

IN-SIGHT® Universal Folded Towel Dispenser

Ideal for SCOTTFOLD® towels, multifold or C-fold towels. No adaptors or inserts needed. 13.3"W x 18.9"H x 5.9"D. Smoke gray. Requires 4-year Loyalty Agreement. Call for details.

Mfg Part #	Unit	Stock #	PRICE
09905	EA	371-5405	$86.25

Call Customer Service at 800-826-8302

FOLDED TOWELS & DISPENSERS

Artisan® Opti-Fold® Towel

Artisan premium Opti-Fold towels are plush and absorb wetness quickly. Carefully crafted from innovative technology, these towels are brilliant white, remarkably strong and durable. Made from superior quality recycled fibers providing premium appearance and comfort while also supporting sustainability initiatives.

Mfg Part #	Color	Size	Pkg	Unit	Stock #	PRICE
04420	White	10-1/4" x 9-1/2"	250 sheets/pk, 12 pk/ca	CA	061-2045	$33.28

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EcoSoft™ Folded Towels

Our EcoSoft folded towels offer you a quality towel at a lower basis weight. When a low price per case is a priority, these towels provide an unbeatable combination of economy and quality. 100% recycled. Use with any single or multifold dispenser.

Mfg Part #	Color	Size	Pkg	Unit	Stock #	PRICE
Singlefold						
47000	Natural	9" x 10"	250/pk, 16 pk/ca	CA	061-2470	$21.48
47500	White	9" x 10"	250/pk, 16 pk/ca	CA	061-2475	$29.84
Multifold						
48000	Natural	9⅛" x 9½"	250/pk, 16 pk/ca	CA	061-2480	$24.20
48500	White	9⅛" x 9½"	250/pk, 16 pk/ca	CA	061-2485	$30.63

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Silhouette® Folded Towel Dispenser

Holds multifold, C-fold, singlefold and OptiFold® towel configurations. Features a side-opening door for easy accessibility and maintenance and one at-a-time dispensing. The translucent styling allows service staff to see at-a-glance when it's time to refill, saving them time and costs. 12.3"W x 16.7"H x 5"D. Black.

Mfg Part #	Unit	Stock #	PRICE
53500	EA	061-2043	$24.72

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Single and Multifold Towel Dispenser

Here's the answer to your industrial dispenser problems. These molded thermoplastic dispensers are built to take the abuse of tough dairy and food plant environments. They avoid corrosion and rust caused by humid environments. White. Keylock. Singlefold: 12-1/2"W x 9-1/4"H x 6"D. C-Fold/Multifold: 11-1/4"W x 15-3/8"H x 4-1/8"D.

Mfg Part #	Description	Unit	Stock #	PRICE
631P	Singlefold	EA	142-6020	$49.66
992P	Multifold & C-fold	EA	142-6205	$48.59

Prices subject to change.

HAND DRYERS

XLERATOR® Hand Dryer

XLERATOR hand dryers deliver 3X faster hand drying power. Thoroughly dry in only 10 to 15 seconds and use 80% less energy than other hand dryers. An ideal solution for hygienic hand drying. 11.7"W x 12.7"H x 7"D.

Wall Guards protect walls from water droplets that can be blown off wet hands by the powerful air stream of XLERATOR. Made of stainless steel or anti-microbial plastic, these wall guards are designed specifically to securely fit underneath the XLERATOR hand dryers. Mount with 4 strips of construction grade adhesive tape (included). 15.7"W x 31.7"H. 2/box.

Color	Unit	Stock #	PRICE
Hand Dryer			
Brushed Stainless Steel	EA	764-2350	$666.43
White	EA	764-2352	$539.98
Wall Guard			
Brushed Stainless Steel	BX	764-2351	$230.76
White	BX	764-2353	$173.07

DAIRY TOWELS

Dairy Towels: A Complete Selection

Test after test has proven that single-use dairy towels help control the spread of mastitis. Additional tests show that cows with a low somatic cell count produce more milk, and, that low somatic cell count milk consistently has a higher cheese yield. That's why it's vital to both you and your producer to use a good quality single-service dairy towel. Nelson-Jameson offers the largest selection of dairy towels to meet the needs of any dairy farm.

SANI-PREP® Dairy Towel

Popular white, single-ply dairy towel. Extra-absorbent ripple texture ideal for washing and scrubbing. 1772 comes in a convenient pop-up box.

Mfg Part #	Color	Sheet Size	Sheets/Case	Sheets/Pack	Packs/Case	Cases/Pallet	Wt	Unit	Stock #	PRICE
1770	White	9.3" x 10.5"	2400	200	12	45	17	CA	371-2000	$30.79
1772	White	9" x 10.5"	1980	110	18	36	17	CA	371-2001	$42.19

Dari-Towls® 39020

This is a high performance dairy towel with enhanced strength and absorbency for advanced scrubbing. Single-use dairy towels are more hygienic than rags or sponges to help reduce cross-contamination and minimize the spread of infectious mastitis. This protects the herd as well as dairy profits. This advanced scrubbing dairy towel is also made from high-quality 100% recycled fibers for a sustainable solution.

Color	Sheet Size	Sheets/Case	Sheets/Pack	Packs/Case	Cases/Pallet	Wt	Unit	Stock #	PRICE
White	9" x 10"	3200	200	16	60	17	CA	061-2474	$39.20

Call Customer Service at 800-826-8302

DAIRY TOWELS

Dari-Towls® 25000

This semi-bleached 2-ply towel is so versatile, it's like having two towels in one. Keep the 2 plies together for maximum absorbency on tough jobs. Or, pull the plies apart and use a single ply for maximum economy on lighter jobs. Either way, you can rely on this towel for scrubbing strength and drying absorbency.

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Color	Sheet Size	Sheets/Case	Sheets/Pak	Paks/Case	Cases/Pallet	Wt	Unit	Stock #	PRICE
Off-white	9" x 10"	2250	150	15	60	23	CA	061-2025	$34.92

Pre-Dip Dari-Towls® 34000

Pre-dipping continues to gain in popularity. To take full advantage of this new milking technique, you need a good wiping towel. A towel like the #34 Pre-Dip towel—soft and absorbent. Stimulates milk letdown while you clean and dry with these economical natural (brown) towels—especially developed for pre-dipping!

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Color	Sheet Size	Sheets/Case	Sheets/Pak	Paks/Case	Cases/Pallet	Wt	Unit	Stock #	PRICE
Natural	9" x 10"	2680	268	10	72	16	CA	061-2034	$22.65

Dari-Towls® 47010

Ideal for drying, the Wausau Paper natural singlefold Dari-Towls 47010 are clean, absorbent, and affordable. They help control the spread of infectious mastitis, and virtually eliminate the chance of cross-contamination in the herd. Made of 100% recycled fibers.

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Color	Sheet Size	Sheets/Case	Sheets/Pak	Paks/Case	Cases/Pallet	Wt	Unit	Stock #	PRICE
Natural	9" x 10"	4020	268	15	54	23	CA	061-2472	$19.98

PAPER WIPERS & DISPENSERS

Paper Wipers

Paper offers the most economical wiping material available, and our wipers provide the right solution for the job...any job. With the wide variety we stock, you can always choose the right wiper for your clean-up job. And the result: the best performance at the lowest cost per wiper.

WYPALL® X80 Wipers

Kimberly-Clark PROFESSIONAL*

Ideal for the toughest jobs. Softer and more absorbent than ever with patented HYDROKNIT® Material with SuperCharged technology. Not only more absorbent, but more cost effective than rental shop towels or rags; one box replaces 25 pounds of rags, one jumbo roll replaces 75 pounds of rags.

Mfg Part #	Description	Size	Color	Pkg	Wt	Unit	Stock #	PRICE
41044	Brag Box	12½" x 16⅞"	White	160/bx	6	BX	371-6807	$27.31
41041	Brag Box	12½" x 16⅞"	Blue	160/bx	6	BX	371-6805	$27.31
41025	Jumbo Roll	12½" x 13⅖"	White	475/rl	12	RL	371-6808	$64.69
41055	Jumbo Roll	12½" x 13⅖"	Red	475/rl	14	RL	371-6809	$64.69
41048	Pop-Up	9 1⁄10" x 16⅘"	White	80/bx, 5 bx/ca	12	CA	371-6803	$71.70
05930	Pop-Up	9 1⁄10" x 16⅘"	Red	80/bx, 5 bx/ca	12	CA	371-6804	$77.67

Prices subject to change.

PAPER WIPERS & DISPENSERS

WYPALL® X70 Wipers

Tackle those heavy-duty industrial jobs usually handled by cloth rags or shop towels with WYPALL X70 Wipers. Long-lasting performance extends usage and reduces waste. Absorbs more oil and water than rags with HYDROKNIT®. Cleans oil, grime and solvent with one wipe.

Mfg Part #	Description	Size	Color	Pkg	Wt	Unit	Stock #	PRICE
41412	Pop-Up	9⅛" x 16⅘"	Blue	100/bx, 10 bx/ca	23	CA	371-6705	$138.60
41600	Jumbo Roll	12½" x 13⅖"	White	870/rl	17	RL	371-6707	$99.03
41702	Center Pull	9⅘" x 13⅖"	White	275/rl, 3 rl/ca	13	CA	371-6709	$101.67

WYPALL® X60 Wipers

Out performs cloth rags with absorbing power of HYDROKNIT® technology in a lighter-weight wiper. Reinforced for extra scrubbing and cleaning power.

Mfg Part #	Description	Size	Color	Pkg	Wt	Unit	Stock #	PRICE
34790	Pop-Up	9⅛" x 16⅘"	White	126/bx, 10 bx/ca	21	CA	371-6603	$93.37
35401	Small Roll	9⅘" x 13⅖"	White	130/rl, 12 rls/ca	21	CA	371-6608	$148.01
35411	Small Roll	9⅘" x 13⅖"	Blue	130/rl,12 rls/ca	21	CA	371-6609	$148.01
34955	Jumbo Roll	12½" x 13⅖"	White	1100/rl	17	RL	371-6606	$81.21
34965	Jumbo Roll	12½" x 13⅖"	Blue	1100/rl	18	RL	371-6607	$81.21
34865	Quarter-Fold	12½" x 12"	White	76/pk, 12 pks/ca	14	CA	371-6604	$81.85
34770	Quarter-Fold	11" x 23"	White	100/pk, 9 pks/ca	26	CA	371-6602	$205.50

WYPALL® L40 Wipers

Outstanding for general use and yet soft enough to use on face and hands. Unique DRC base sheet technology creates an absorbent sponge-like inner layer that easily absorbs liquids, lubricants and oils.

Mfg Part #	Description	Size	Pkg	Color	Wt	Unit	Stock #	PRICE
03046	Pop-Up	10⅘" x 10"	90/bx, 9 bx/ca	White	13	CA	371-6401	$63.36
05701	Quarter-Fold	12½" x 13"	56/pk, 18 pk/ca	White	18	CA	371-6406	$92.42

WYPALL® L30 Wipers

Lighter weight wiper with a cloth-like feel at a value price. Strong, yet soft for personal use. Unique DRC process for high-surface softness. Reinforced grid provides strength for wet-surface wiping and cleaning.

Mfg Part #	Description	Size	Pkg	Color	Wt	Unit	Stock #	PRICE
05816	Pop-Up	16⅖" x 9⅘"	120/bx, 6 bx/ca	White	12	CA	371-6305	$53.06
05812	Quarter-Fold	12½" x 13"	90/pk, 12 pk/ca	White	13	CA	371-6304	$48.69
05820	Center Pull	9⅘" x 15⅕"	300/rl, 2 rl/ca	White	7	CA	371-6306	$74.87
05843	Small Roll	11" x 10⅖"	70/rl, 24 rl/ca	White	21	CA	371-6309	$64.23

WYPALL® L20 Wipers

Made with patented technology featuring ABSORBENCY POCKETS® to absorb more water, faster. Free of binders and glues. Textured for extra cleaning power.

Mfg Part #	Description	Size	Pkg	Color	Wt	Unit	Stock #	PRICE
47000	3-Ply Quarter-Fold	12½" x 13"	68/pk, 12 pk/ca	Tan	13	CA	371-6203	$51.49
47011	4-Ply Quarter-Fold	12½" x 13"	68/pk, 12 pk/ca	Tan	4	CA	371-6204	$64.40
47022	4-Ply Quarter-Fold	12½" x 13"	68/pk, 12 pk/ca	White	15	CA	371-6205	$85.70

Call Customer Service at 800-826-8302

PAPER WIPERS & DISPENSERS

WYPALL® L10 Wipers

Ideal strength for general everyday clean-up tasks. Use for spray and wipe jobs, glass cleaning, absorbing small liquid spills and more!

Mfg Part #	Description	Size	Pkg.	Color	Wt	Unit	Stock #	PRICE
05320	1-Ply Pop-Up	9" x 10.5"	125/bx, 18 bx/ca	White	17	CA	371-6101	$115.72

Jumbo Roll Wiper Dispenser

Compact, lightweight and easily transportable floor stand dispenser has cutter bar for easy dispensing. Wall mount dispenser fits easily on any wall. For use with WYPALL® Jumbo Roll Wipers. Black.

Mfg Part #	Description	Unit	Stock #	PRICE
80596	Floor Stand	EA	371-6510	$78.75
80579	Wall Mount	EA	371-6511	$75.00

Quarterfold Wiper Dispenser

Convenient way to dispense quarterfold wipers one-at-a-time. Use on a countertop to prevent waste and overuse. 7.5"W x 7.5"H x 9"D. Plastic construction. Gray. 6/case.

Mfg Part #	Unit	Stock #	PRICE
09107	EA	371-6513	$15.02

THE GRABBER® Wiper Dispenser

Mounts to walls, workbenches, carts and trucks to save space and to provide a convenient location for wipers. Use with any Kimberly-Clark® Pop-Up wiper box. 9.4"W x 2.80"H x 5.90"D. Sturdy steel construction. White. 12/case.

Mfg Part #	Unit	Stock #	PRICE
09352	EA	371-6512	$8.96

KIMTECH SCIENCE® KIMWIPES® Delicate Task Wipers

Clean critical items such as lab probes & glassware with these 100% pure virgin fiber wipers. Gentle texture won't scratch delicate surfaces when used wet. Absorbent, easily wipes up liquid and dust. LINTGUARD® Anti-static Poly-shield helps further reduce lint and static buildup. White. 1-ply.

Mfg Part #	Size	Pkg	Wt	Unit	Stock #	PRICE
34155	4⅖" x 8⅖"	280/pk	.37	PK	371-6001	$3.93
34155	4⅖" x 8⅖"	280/pk, 60 pk/ca	23.105	CA	371-6004	$157.08
34133	11⅕" x 11⅕"	196/pk, 15 pk/ca	14.875	CA	371-6002	$72.43
34256	14¾" x 16⅜"	140/pk, 15 pk/ca	19.65	CA	371-6003	$117.15

Prices subject to change.

FACIAL TISSUE

KLEENEX® Facial Tissue

Bring the KLEENEX softness and quality you know from home into every setting. 2-ply. White.

Mfg Part #	Style	Sheet Size	Pkg	Wt	Unit	Stock #	PRICE
21400	Flat Box	8.4" x 8"	100/bx, 36 bx/ca	15	CA	371-5361	$55.73

DublSoft® Premium Facial Tissue

A high-quality, double-ply facial tissue of impressive softness, the DublSoft tissues are highly absorbent so people need to use fewer tissues. White.

Mfg Part #	Style	Sheet Size	Pkg	Wt	Unit	Stock #	PRICE
06100	Flat Box	8" x 8"	100/bx, 30 bx/ca	12	CA	061-2120	$31.16
06185	Cube Box	8" x 8"	85/bx, 36 bx/ca	13	CA	061-2185	$41.90

TOILET TISSUE & DISPENSERS

SCOTT® Standard Roll Bath Tissue

Standard tissue which balances strength, absorbency and economy. Fits standard single or two roll dispensers. 2-ply. White.

Mfg Part #	Sheet Size	Pkg	Unit	Stock #	PRICE
04460	4.1" x 4"	550 sheets/rl, 80 rl/ca	CA	371-5346	$81.85

EcoSoft™ Universal Bath Tissue

This double-ply EcoSoft universal tissue is designed for those seeking to achieve green status for their facility and purchase tissue produced with methods less harmful to the environment. It is 100% recycled and contains a minimum of 25% post-consumer wastepaper content to exceed EPA guidelines. Embossed for softness. White.

Mfg Part #	Sheet Size	Pkg	Description	Wt	Unit	Stock #	PRICE
54900	4⅜" x 3¾"	500 sheets/rl, 96 rl/ca	Toilet Tissue	40	CA	061-2510	$49.86
50000	4" x 4½"	500 sheets/rl, 96 rl/ca	Toilet Tissue	39	CA	061-2500	$57.12
72200		-	Dispenser	2.53	EA	061-7005	$21.73

Call Customer Service at 800-826-8302

TOILET TISSUE & DISPENSERS

DublSoft® Universal Toilet Tissue

Featuring a "Floral" embossing pattern for premium softness, absorbency, and quality.

Mfg Part #	Sheet Size	Description	Pkg	Unit	Stock #	PRICE
06380	4¾" x 4"	Toilet Tissue	500 shts/rl, 80 rl/ca	CA	061-2615	$50.98
72200	-	Dispenser	-	EA	061-7005	$21.73

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Silhouette® Dubl-Serv® Tissue Dispenser

This universal Dubl-Serv dispenser's two-roll capacity is ideal for high-end washroom installations. The reserve roll is hidden and protected to minimize waste and theft. After the bottom roll is finished and the empty core is pushed back, the reserve roll drops into place. Cover locks to reduce pilferage. Accommodates most universal tissue including DublSoft® (#061-2615), and EcoSoft™ (#061-2510 and #061-2500).

Mfg Part #	Unit	Stock #	PRICE
72200	EA	061-7005	$21.73

wausauPAPER

Single Roll Toilet Tissue Dispenser

This deluxe toilet tissue dispenser features a concealed hinge end. Tension spring controls tissue flow. Holds single roll of universal size 4-1/2"W, 1-1/2" core. Chrome finish. 5-1/2"W x 2-7/16"H x 4- 5/16"D. White.

Unit	Stock #	PRICE
EA	336-2048	$26.27

EcoSoft™ Controlled Use Bath Tissue

This double-ply EcoSoft controlled tissue is 100% recycled and meets EPA guidelines for post-consumer wastepaper content. Designed for those customers who prefer recycled tissue that helps create a cleaner environment. Combined with our controlled-use tissue dispensers, this quality tissue promotes source reduction which can help reduce costs. White.

wausauPAPER

Mfg Part #	Sheet Size	Pkg	Description	Unit	Stock #	PRICE
61600	3¾" x 4"	616 sheets/rl, 48 rl/ca	Toilet Tissue	CA	061-2617	$45.81
80300	-	-	Dispenser	EA	061-2896	$7.34

3-Roll Bath Tissue Dispenser

This high-capacity dispensing system is designed to minimize maintenance and maximize cost savings for high-traffic areas. With its revolving design and patented OptiCore® tissue, the dispenser ensures that a roll is completely depleted before the dispenser will advance to the next roll, eliminating waste. Capacity for three full standard rolls of tissue allows for longer periods between maintenance. The dispenser features a locking cover to prevent product pilferage. Black.

Wausau Paper #	Tork #	Description	Sheet Size	Pkg	Stock #	PRICE
80300	565828	Dispenser	-		061-2896	$7.34
61990	161990	EcoSoft toilet tissue, 2-ply	3¾" x 4"	865 sheets/rl, 36 rl/ca	061-2618	$47.87
06390	-	DublSoft toilet tissue, 2-ply	3¾" x 4"	800 sheets/rl, 36 rl/ca	061-2613	$51.05
62090	-	DublNature toilet tissue, 2-ply	3¾" x 4"	865 sheets/rl, 36 rl/ca	061-2619	$55.36

Prices subject to change.

EcoSoft™ Jumbo Roll Universal Bath Tissue

Ideal for heavy traffic areas where regular maintenance is not possible. Length of rolls reduce run-out. 100% recycled. Large 3.32″ core. 2-ply. Fits 88700 (#061-2887) dispenser and most jumbo roll dispensers.

Mfg Part #	Size	Rolls/Case	Unit	Stock #	PRICE
10020	3½″ x 1000′ - 9″ dia	12	CA	061-7004	$38.45
20020	3½″ x 2000′ - 12″ dia	6	CA	061-2002	$38.79

*wausau*PAPER

Jumbo Roll Bath Tissue Dispenser

Ideal toilet tissue dispenser system for high traffic washrooms where regular maintenance is not possible. Large roll size cuts down on frequent changes. Serrated plastic edge for easy sheet tear-off. Locking dispenser. Black translucent color. 13-1/4″ x 14-15/16″ x 6″ D.

Wausau Paper #	Description	Sheet Size	Pkg	Unit	Stock #	PRICE
88700	Dispenser	-	-	EA	061-2887	$24.17
10020	Toilet tissue, 2-ply	3-1/2″ x 1000′ - 9″ dia	12 rl/ca	CA	061-7004	$38.45
20020	Toilet Tissue, 2-ply	3-1/2″ x 2000′ - 12″ dia	6 rl/ca	CA	061-2002	$38.79

*wausau*PAPER

SCOTT® Coreless Standard Roll Tissue

High capacity, easy maintenance system which results in less run-outs and lower maintenance costs. Meets EPA guidelines for post-consumer waste. Has minimum 45% post-consumer recycled waste; elemental chlorine-free (ECF) bleaching; packaging reduction with 100% elimination of core waste, and up to 15% more paper per case - meaning fewer cases needed to supply the same paper. 2-ply. White.

Mfg Part #	Sheet Size	Pkg	Description	Wt	Unit	Stock #	PRICE
04007	4″ x 3.94″	1000 sheets/rl, 36 rl/ca	Toilet Tissue	23	CA	371-5348	$56.70
09604	-	-	Dispenser	2	EA	371-5365	$37.50

Kimberly-Clark PROFESSIONAL*

SCOTT® Coreless JRT® Jr. Jumbo Roll Tissue

High capacity with each roll having 15% more tissue than standard Jumbo Roll Tissue Jr. rolls. With this system, it's no keys, no cores, no headaches. Minimum 45% post-consumer recycled waste; elemental chlorine-free (ECF) bleaching; packaging reduction with 100% elimination of core waste, and up to 15% more paper per case - meaning fewer cases needed to supply the same paper. 2-ply. White.

Mfg Part #	Size	Pkg	Description	Wt	Unit	Stock #	PRICE
07006	3.78″ x 1150′	12 rl/ca	Toilet Tissue	25	CA	371-5356	$62.68
09602	-	-	Dispenser	4	EA	371-5364	$60.00

Kimberly-Clark PROFESSIONAL*

Coreless Toilet Tissue Dispensers

Kimberly-Clark PROFESSIONAL*

Coreless toilet tissue provides more products and less waste resulting in a high-capacity efficiency product. Fewer rolls used means less maintenance labor, saving you time and money. Simple loading with no spindles, keys or hinges to break. Jumbo roll dispenser has Stub Roll feature. Smoke gray. Requires 4-year Loyalty Agreement. Call for details.

Mfg Part #	Model	Size	Unit	Stock #	PRICE
09604	Double Coreless Standard Roll	11.1″W x 7.6″H x 6″D	EA	371-5365	$37.50
09602	Coreless Jumbo Roll	14.3″ x 9.8″H x 6″D	EA	371-5364	$60.00

Call Customer Service at 800-826-8302

RESTROOM SUPPLIES

Toilet Seat Covers

Use these toilet seat covers to provide an economical way to cover public toilet seats. 250/pack; 20 packs/case. Dispenser measures 16-1/4"W x 11-1/2"H x 3"D and is a black translucent color.

Description	Unit	Stock #	PRICE
Seat Covers	CA	477-2045	$37.93
Dispenser	EA	061-2647	$14.32

Feminine Hygiene Products

Everything you need for the women's washroom. Provide the women in your facility easy access to the most popular and trusted brand name supplies.

Vending Dispenser

Dual #1 is a proven performer that dispenses both tampons and napkins. Features rugged steel construction, locking coin box and 25¢ coin mechanism with limited lifetime warranty. Vendor holds up to 15 Gards® Sanitary Napkins and 25 Tampax® Tampons.
10"W x 26-1/4"H x 6-1/2"D.

Unit	Stock #	PRICE
EA	323-6200	$271.52

Feminine Hygiene Supplies

Well-known brands, Tampax® Tampons and Gards® Sanitary Napkins sold in bulk for best pricing. Necessities® courtesy bags are available for individual disposal. Use waxed paper liners inside Sanitary Napkin Receptacle (#323-6220) for easy disposal by your maintenance staff.

Description	Pkg	Unit	Stock #	PRICE
Gards pads - 4.25" x 3" x 1" vending box	250/ca	CA	323-6214	$53.07
Tampax tampons, regular	500/ca	CA	323-6215	$74.11
Necessities courtesy bags, 8" x 3" x 2"	500/ca	CA	323-6227	$42.63

Sanitary Napkin Receptacle

Hinged-top waste receptacle made of non-breakable white polypropylene will not rust. Mounts on wall. 9-1/8"W x 11-1/2"H x 5-1/2"D. Use waxed paper liners (#323-6224) inside for easy disposal.

Description	Pkg	Unit	Stock #	PRICE
Receptacle	-	EA	323-6220	$22.52
Waxed paper liners, 7½" x 3½" x 10¼"	500/ca	CA	323-6224	$22.25

Toilet Bowl Brush with Caddy

Bristles are staple set in a 16" durable plastic handle. 3" diameter. Plastic base caddy included to store brush when not in use. 24/case. White.

CARLISLE

Unit	Stock #	PRICE
EA	225-6080	$3.84

Toilet Bowl Brush

Tackle the toughest of bowl cleaning jobs with this brush. Also works well in cleaning urinals. Black polyester bristles with plastic handle. 17"L. 12/case.

CARLISLE

Unit	Stock #	PRICE
EA	618-6566	$9.00

Bowl Mop/Swab

Polypropylene bowl mop provides consistent bowl cleaning. 12"L. White. 100/case.

CARLISLE

Unit	Stock #	PRICE
EA	225-6118	$1.26

Plunger

Popular style effective for plunging with an 18" wood handle and 6" diameter force cup.

CARLISLE

Unit	Stock #	PRICE
EA	618-6144	$5.99

Non-Para Urinal Screens with Deodorant Block

Non-para urinal screen deodorizes, cleans and prevents scale buildup. Tints water blue with every flush, while eliminating odors and maintaining drain lines. Designed to fit any size urinal. Use in urinals without standing water. Lasts up to 1500 flushes. Green apple fragrance, light blue color.

Unit	Stock #	PRICE
DZ	477-2042	$17.33

Non-Para Bowl Block

Enzyme bowl block deodorizes, cleans and prevents scale buildup. Every flush tints the water blue, while billions of healthful bacteria work to eliminate odors and maintain drain lines up to 1,500 flushes. Green apple fragrance.

Unit	Stock #	PRICE
DZ	477-2048	$17.76

Prices subject to change.

Vinyl Urinal Screens

Provide up to 30 days of odor control and help prevent clogging with these vinyl urinal screens. Flexible to fit all urinals. Each screen is individually wrapped. 12/box.

Scent	Unit	Stock #	PRICE
Cherry	BX	477-2049	$13.42
Mint	BX	323-6272	$14.48

Para Urinal Deodorant Blocks

Specially compounded perfume oils added to 100% Para Dichlorobenzene for a pleasantly fragrant, long lasting deodorant block. 4-oz round blocks. For use in urinals with standing water. Cherry scent, red color. 12 individually wrapped blocks per box. 12 boxes/case.

Unit	Stock #	PRICE
BX	323-2007	$9.31

Citrus Fresh Odor Counteractant

Highly concentrated, water soluble odor counteractant and deodorizer. Fresh cut citrus bouquet fragrance lasts for hours after cleaning and will freshen rooms, floors, carpets and other areas. Unique formulation is designed to destroy odors at their source. Safe to use on most surfaces. Non-flammable. Contains no hazardous ingredients. Can be used alone or as an additive to hard floor cleaners or carpet shampoos.

Size	Wt	Unit	Stock #	PRICE
12 - 1 qt/ca	28.16	CA	270-2105	$85.44

AutoClean® Dispenser

Ensure that urinals are always clean, odor-free and presentable with the AutoClean system. The AutoClean automatically dispenses concentrated cleaner directly into the water providing complete fixture cleaning. This eliminates the need to scrub the toilet or urinal, reducing labor costs. Simple installation with no water shut-off required. Operates one year or longer on 2 D Cell batteries. Programmable dispensing options. Indicator lights when batteries or refill needs replacing. Refills are quick and easy to change - available in Mandarin Orange Cleaner and Deodorizer or Purinel® Drain Maintainer and Cleaner. Dispensers and refills sold separately.

Description	Unit	Stock #	PRICE
AutoClean® LCD Chrome Dispenser Kits			
¾" Connector for most urinals	KT	564-2700	$139.45
AutoClean® Refills- 6/case			
Purinel® Drain Maintainer and Cleaner	CA	564-2704	$79.09
Cleaner & Deodorizer - Mandarin Orange	CA	564-2706	$79.09

Automatic Metered Aerosol Dispenser System

Freshen the air and eliminate malodors with continuous, metered aerosol dispensing. Battery-operated wall-mount dispenser is easy to refill. Each aerosol can last approximately 30 days. Uses 2 C Cell batteries (included). Non-chlorinated aerosols packaged twelve sold separately. Dispensers and refills sold separately.

Description	Unit	Stock #	PRICE
Dispenser			
White, 4"W x 10"H x 4"D	EA	627-2120	$32.64
Aerosol Cans, 12/ca			
Apple	CA	627-2300	$46.76
Mulberry Breeze	CA	627-2301	$46.76
Vanilla	CA	627-2302	$46.76
Fresh Linen	CA	627-2303	$46.76
Citrus	CA	627-2304	$46.76
Wild Cherry	CA	627-2305	$46.76
Mango	CA	627-2306	$46.76
Country Garden	CA	627-2307	$46.76
Cucumber Melon	CA	627-2308	$46.76

Call Customer Service at 800-826-8302

RESTROOM SUPPLIES

SCOTT® Continuous Air Freshener System

Economical and easy to install. Low maintenance with no moving parts to break or replace. Continuous fragrance lasts 60 days on a single cartridge. Completely self-powered with no batteries to replace. Variety of scented cartridges to choose from. Dispensers and refills sold separately.

Description	Unit	Stock #	PRICE
Air Freshener Dispenser			
Black, 2.8"W x 5"H x 2.4"D	EA	371-5368	$18.75
Air Freshener Scented Cartridges, 6/ca (Listed mildest to strongest)			
Ocean	CA	371-5371	$71.03
Citrus	CA	371-5369	$71.03
Mango	CA	371-5485	$71.03
Summer Fresh	CA	371-5486	$71.03
Odor Neutralizer Cartridge, 6/ca			
Natural	CA	371-5487	$93.90

AutoFlush® Clamp Touch-Free Flushing System

The ultimate in performance and simplicity, ensuring that urinals and toilets are always flushed and presentable. Installation takes only one minute and there is no need to shut off the water. Fits over existing fixture handle. The AutoFlush Clamp promotes good hygiene by eliminating potential points of cross-contamination, while preventing odors by ensuring that fixtures are flushed after every use. Uses 4 C Cell alkaline batteries (included) which last three years or 60,000 flushes. Programmable features include: daily flush to prevent sewer gas build up, audio tone to indicate low battery, and adjustable sensor range. Polished chrome finish. Fits standard Sloan® fixtures. Adapters available for other units.

Description	Unit	Stock #	PRICE
Toilet	EA	564-2602	$297.13
Urinal	EA	564-2600	$297.13

HAND PADS

Utility Pads

Choose the pad that is best suited for your application. 4.5" x 10".

Description	Color	Pkg	Unit	Stock #	PRICE
Light-Duty	White	20/ca	CA	401-1007	$22.29
Medium-Duty	Blue	20/ca	CA	401-1006	$22.29
Heavy-Duty	Brown	20/ca	CA	401-1005	$22.29
Heavy-Duty	Black	20/ca	CA	401-1008	$22.29
Extra Heavy-Duty	Black	32/ca	CA	401-1009	$43.12

Prices subject to change.

HAND PADS

3M™ Doodlebug™ Cleaning System

The Doodlebug is a complete system of pads and holders to handle a multitude of cleaning needs. Each interchangeable component is designed and constructed for a specific job. Match the pad's cleaning power to your own needs. Non-woven open web rinses clean easily. Won't rust. All measure 4-5/8" x 10". Holders feature special grippers to hold pads firmly in place which provide for easy attachment and changing of pads.

There's a labor-saving Doodlebug product for almost every food plant application:
- Scrubbing vats and cookers.
- Hand cleaning tables and work stations.
- Floor and baseboard scrubbing and stripping.
- Cleaning display cases and coolers.
- Fiberglass wall and ceiling panels.

3M™ Doodlebug™ Pad Holder

Save time and energy scrubbing hard-to-reach surfaces, tanks, walls, baseboards and floor edges. Super-tough swivel threads directly onto standard handle. Handle not included. Order any standard threaded handle. 50/case. Rust/red/orange color.

Model	Unit	Stock #	PRICE
6472	EA	456-2022	$40.52

3M™ Doodlebug™ Handblock

Designed for tough cleaning where pressure is needed at point of contact. Includes one white cleansing and one brown Scrub'n Strip pad. Brown. 4/case.

Model	Unit	Stock #	PRICE
6473	EA	456-2025	$37.72

3M™ Doodlebug™ Pads

Choose the pad that is best suited to your application. 4- 5/8"W x 10"L. 4 boxes/case.

Model	Description	Pkg	Unit	Stock #	PRICE
8440	White cleansing pad for delicate surfaces	5/bx	BX	456-2035	$12.52
8242	Blue pad for medium-duty cleaning	5/bx	BX	456-2030	$12.52
8541	Brown Scrub'n Strip pad for heavy-duty cleaning	5/bx	BX	456-2040	$12.52
8550	Black Hi Pro pad for extra heavy-duty cleaning	10/bx	BX	456-2045	$38.96

3M™ Doodlebug™ General Purpose Brush

Non-abrasive brush with long-lasting polypropylene bristles—attaches securely to both Doodlebug pad holder or handblock. 3-3/4"W x 9-1/4"L. 8/case.

Model	Unit	Stock #	PRICE
4020	EA	456-2150	$51.97

Call Customer Service at 800-826-8302

HAND PADS

3M™ Scotch-Brite™ Pads and Sponges

There are imitations, but nothing lasts longer or works harder than the original...Scotch-Brite. Thousands of food plants have proven this to their satisfaction. So, whether you're cleaning cookers or tanks, floors or ceiling, laboratory glassware or teflon-coated parts...there is a Scotch-Brite product for you.

Each 3M Scotch-Brite product is designed for a specific cleaning job. The fiber, mineral, resin and density of the pad is matched to the particular task. Yet, every pad gives you these important features:

• Open web construction which rinses clean easily.
• Conformity to surfaces, corners and crevices.
• Long-lasting pads which won't fall apart on the job.
• Rust and mildew resistance.
• No metal fragments left behind on the surface.

Scotch-Brite™ Power Pad No. 2000

The new bow-tie shape and unique abrasion technology of the Scotch-Brite 2000 combine for faster, easier, and safer scouring. Cleans 4 times faster with 8 times less scratching so, you'll finish faster with less surface damage than other pads. Cleans all types of surfaces including encrusted equipment, sinks, appliances, doors, floors, walls, ceramic tile, and porcelain with less scratching. 3.9"W x 5.5"L. Blue. 20 pads/case.

Unit	Stock #	PRICE
CA	456-2080	$18.50

Scotch-Brite™ Power Sponge No. 3000

Two cleaning tools in one - a Scotch-Brite Power Pad combined with a sponge. Up to eight times less abrasive than other medium-duty/heavy-duty commercial scouring products to reduce scratching. Features 3M's unique anti-microbial technology integrated into every fiber. Sponge resists growth of odor-causing bacteria through hundreds of uses. Bow-tie shape fits comfortably in hand for easy scouring. Light green sponge with blue pad. 20 pads/case.

Unit	Stock #	PRICE
CA	456-2085	$45.36

Scotch-Brite™ Soft Scour Scrub Sponge No 9489

Safely remove burned-on or dried-on material from glass, Teflon®, aluminum pans, or stainless steel. Unique particles are soft enough to avoid scratching yet tough enough to take on tough cleaning jobs. Handles virtually every cleaning task. 3.5"W x 5"L. Blue. 10 pads/bag; 4 bags/case.
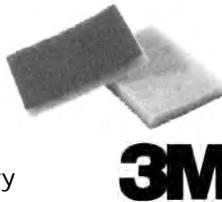
Unit	Stock #	PRICE
BG	456-2061	$19.08

Scotch-Brite™ Light-Duty Cleansing Pad No. 98

Soft, non-woven fibers and mild abrasive gently but thoroughly clean glass, stainless steel, chrome, copper, porcelain and ceramic. Use with liquid soap and you won't need scouring powder. White. 6"W x 9"L. 20 pads/box; 3 boxes/case.

Unit	Stock #	PRICE
BX	456-2018	$29.49

Scotch-Brite™ Light-Duty Scrubbing Pad No. 9030

Same material as No. 98 cleansing pad, but in convenient, thick, hand-size. Eliminates the need to cut or fold larger pads. White. 3-1/2"W x 5"L. 40 pads/case.

Unit	Stock #	PRICE
CA	456-2050	$44.44

Scotch-Brite™ General Purpose Medium-Duty Scouring Pad No. 96

The original synthetic scouring pad. This medium-duty performance leader is ideal for such common cleaning jobs as equipment, walls, counters, railings, floors, and stairways. Bright green. 6"W x 9"L. 20 pads/box; 3 boxes/case.

Unit	Stock #	PRICE
BX	456-2016	$15.77

Scotch-Brite™ General Purpose Medium-Duty Scouring Pad No. 9650

Same material as No. 96, but in convenient thick hand-size. Eliminates need to cut or fold larger pads. Bright green. 3"W x 4-1/2"L. 40 pads/box; 2 boxes/case.

Unit	Stock #	PRICE
BX	456-2071	$17.20

Prices subject to change.

Scotch-Brite™ Heavy-Duty Scouring Pad No. 86

The resilient fibers and abrasives of this popular pad make fast work of heavy-duty cleaning jobs. Use for removing milkstone and baked-on food from equipment. Also ideal for tough maintenance jobs like removing scuffmarks from floors. Replaces scrapers, steel wool and metal sponges. Dark green. 6"W x 9"L. 12 pads/box; 3 boxes/case.

Unit	Stock #	PRICE
BX	456-2009	$24.85

Scotch-Brite™ Extra Heavy-Duty Pot'n Pan Handler No. 88

Replace metal sponges with this rugged pad. The most aggressive product in the 3M™ line. Quickly removes stubborn deposits, dirt and cooked-on food. Convenient hand-size pad is easy-to-use and easy-to-rinse clean. Effective on heavily encrusted and grimy equipment. Blue. 3-1/2"W x 5"L. 10 pads/box; 4 boxes/case.

Unit	Stock #	PRICE
BX	456-2013	$11.60

Scotch-Brite™ Purple Scour Pad No. 2020

Experience the next generation of clean! Pad scours twice as quickly as conventional heavy-duty scouring pads but scratches up to 11 times less. Durable tough coiled fibers make for a longer-lasting pad while open web construction allows food debris to rinse out easily. Perfect for use on stainless steel, glassware, countertops, floors and more. Not recommended for use on nonstick surfaces, soft or clear plastics, fiberglass, or highly-decorated surfaces. 2.8"W x 4.5"L. 24 pads/case.

Unit	Stock #	PRICE
CA	456-2020	$21.19

Scotch-Brite™ Cleansing Sponge No. 63

Two-sided light-duty cleansing pad/sponge won't scratch or mar most surfaces. Light-duty scrubbing material on one side, absorbent cellulose sponge on the other. Ideal for control panels, stainless steel, ceramic and glass. Yellow sponge with white pad. 3.6"W x 6.1"L. 20 pads/case.

Unit	Stock #	PRICE
CA	456-2002	$49.12

Scotch-Brite™ Scrubbing Sponge No. 74

Medium abrasive scouring material on one side, absorbent sponge on the other for cleaning walls, tables, fixtures and countertops. Yellow cellulose sponge with green pad. 3.6"W x 6.1"L. 20 pads/case.

Unit	Stock #	PRICE
CA	456-2007	$50.00

3M™ Twist-Lok™ Pad Holder No. 961

Specially designed for use with 3M Scotch-Brite™ or Soft Scour! pads. Makes cleanup jobs faster, easier and safer. Distributes pressure evenly over pad for more efficient cleaning and improved pad life. Pad locks into place with a twist of the wrist. Grippers grab and hold pad firmly in place. 3-1/2"W x 4-3/4"L. Gray. 10/case.

Unit	Stock #	PRICE
EA	456-2019	$5.78

Niagara™ Economy Hand Pads

The economical choice for use in any application. These 6"W x 9"L hand pads are ideal for one-time use. Available in light, medium and heavy-duty.

Model	Description	Pkg	Unit	Stock #	PRICE
98N	White - Light-Duty	20/bx	BX	456-2980	$10.67
96N	Green - Medium-Duty	20/bx	BX	456-2960	$10.72
86N	Dark Green - Heavy-Duty	15/bx	BX	456-2860	$12.66

Hand Pads

Choose the pad that is best suited for your application. 6" x 9". 60 pads/case.

Description	Color	Stock #	PRICE
Light-Duty	White	401-1002	$23.29
Medium-Duty	Green	401-1001	$23.29
Heavy-Duty	Black	401-1003	$25.63
Extra Heavy-Duty	Green	401-1004	$28.52

Color-Coded Hand Pads

Light to medium-duty and the perfect addition to any color-coded program. Open web design allows for quick washing and reuse. Pad conforms to cracks and crevices on the surface to get a deep down clean. Will not splinter or rust. Easy on hands. 6"W x 9"L. Not recommended for soft plastics, fine china, or stainless steel. 20 pads/case.

Color	Unit	Stock #	PRICE
Red	CA	421-2400	$13.80
Yellow	CA	421-2402	$13.80
Blue	CA	421-2401	$13.80
Tan	CA	421-2404	$13.80

Call Customer Service at 800-826-8302

GENERAL PURPOSE BRUSHES

Ultra Safe Technology by VIKAN

Ultra Safe Technology (UST) is a revolutionary new line of brooms and brushes that help improve food safety and quality, and minimize the risk of contamination hazards. The innovative technology utilizes enhanced Bristle Security Units directly molded to the brush block, removing and gaps or seams while offering unprecedented bristle retention strength. The hand brushes, desk scrubs and sweeping brooms each have a unique bristle pattern to optimize function, while spacing between the bristle units makes each tool easier to clear, dry, and inspect.

UST provides a level of hygienic design that has never been seen before. In areas that are hygiene critical, UST gives food processors the confidence that bacteria and foreign contaminates will not hide in and around the tools. This makes UST an outstanding alternative to resin set brush products.

Features:
- Enhances bristle security.
- No metal staples or resin.
- High cleaning efficacy.
- Easy to clean and dry.
- Easy visual inspection.
- FDA compliant.
- Fully tested and documented.
- Strong, durable and light construction.
- Temperature rating: -2° to 250°F/-20°C to 121°C.

VIKAN UST Short Handled Hand Brush

Intended for use when cleaning conveyor belts, production lines, machinery, and food preparation surfaces. Total color. 1.5"L bristles. 10"L x 2.88"W.

Color	Unit	Stock #	PRICE
White	EA	690-3025	$20.70
Red	EA	690-3020	$20.70
Yellow	EA	690-3030	$20.70
Blue	EA	690-3015	$20.70
Green	EA	690-3010	$20.70
Orange	EA	690-3035	$20.70
Pink	EA	690-3005	$20.70
Purple	EA	690-3040	$20.70

VIKAN UST Long Handled Hand Brush

Ideal for use in cleaning machines, buckets, containers, and tubs. Total color. 1.5"L bristles. 15.5"L x 2.88"W.

Color	Unit	Stock #	PRICE
White	EA	690-3065	$25.20
Red	EA	690-3060	$25.20
Yellow	EA	690-3070	$25.20
Blue	EA	690-3055	$25.20
Green	EA	690-3050	$25.20
Orange	EA	690-3075	$25.20
Pink	EA	690-3045	$25.20
Purple	EA	690-3080	$25.20

VIKAN UST Deck Scrub

This total color scrub brush is designed to be very effective in scrubbing stubborn dirt on both textured and smooth surfaces. 1-7/16"L stiff bristles. 15-1/4" x 1-7/8". Requires Euro-thread handle, sold separately.

Color	Unit	Stock #	PRICE
White	EA	690-3325	$42.44
Red	EA	690-3320	$42.44
Yellow	EA	690-3330	$42.44
Blue	EA	690-3315	$42.44
Green	EA	690-3310	$42.44
Orange	EA	690-3335	$42.44
Pink	EA	690-3305	$42.44
Purple	EA	690-3340	$42.44

VIKAN UST Floor Broom

Soft bristle broom is effective for sweeping dry particles where medium bristles are effective for sweeping in dry or wet areas. Total color. 2 1/8"L bristles. 15 1/4" x 1 7/8". Requires Euro-thread handle, sold separately.

Color	Stock #	PRICE
Soft Bristles		
White	690-3225	$42.44
Red	690-3220	$42.44
Yellow	690-3230	$42.44
Blue	690-3215	$42.44
Green	690-3210	$42.44
Orange	690-3235	$42.44
Pink	690-3205	$42.44
Purple	690-3240	$42.44
Medium Bristles		
White	690-3265	$42.44
Red	690-3260	$42.44
Yellow	690-3270	$42.44
Blue	690-3255	$42.44
Green	690-3250	$42.44
Orange	690-3275	$42.44
Pink	690-3245	$42.44
Purple	690-3280	$42.44

Prices subject to change.

GENERAL PURPOSE BRUSHES

VIKAN UST Bench Brushes

Soft bristles are ideal for sweeping fine particles from conveyor belts, food preparation surfaces, tables, and equipment. Medium bristles are more suitable for sweeping damp particles in similar applications. Total color. 2.25"L bristles. 13"L x 1.5"W.

Color	Stock #	PRICE
Soft Bristles		
White	690-3125	$21.56
Red	690-3120	$21.56
Yellow	690-3130	$21.56
Blue	690-3115	$21.56
Green	690-3110	$21.56
Orange	690-3135	$21.56
Pink	690-3105	$21.56
Purple	690-3140	$21.56
Medium Bristles		
White	690-3165	$21.56
Red	690-3160	$21.56
Yellow	690-3170	$21.56
Blue	690-3155	$21.56
Green	690-3150	$21.56
Orange	690-3175	$21.56
Pink	690-3145	$21.56
Purple	690-3180	$21.56

Scrub Brushes

Medium-stiff polyester bristles are ideal for scrubbing cutting boards, countertops and other kitchen surfaces. 6" x 2-1/2" size is great for cleaning hard-to-clean and close quarter work areas where a larger brush won't fit. 12/case.

Mfg Part #	Color	Unit	Stock #	PRICE
Polyester Bristles				
4052102	White	EA	618-6007	$8.12
4052105	Red	EA	618-6800	$8.12
4052104	Yellow	EA	618-6920	$8.12
4052114	Blue	EA	618-6755	$8.12
4052109	Green	EA	618-6360	$8.12
4052125	Tan	EA	618-6479	$8.12
4052101	Brown	EA	618-6278	$8.12
Nylon Bristles				
4052000	White	EA	618-6025	$11.93

VIKAN Edge Detail Brushes

Small compact total brush suitable for cleaning in and around gaskets, rubber strips, and joints on machinery. 0.59"L stiff polyester bristles. 0.47" x 8.66" length block.

Color	Unit	Stock #	PRICE
White	EA	690-2401	$6.10
Red	EA	690-2399	$6.10
Yellow	EA	690-2403	$6.10
Blue	EA	690-2398	$6.10
Green	EA	690-2397	$6.10

Nylon Floater Scrub Brushes

Easy grip handles provide comfort while effectively cleaning. Plastic handles are lightweight, break resistant and "soak proof." 1-5/8" white medium stiff nylon bristles are ideal for use with strong alkalis. 12/case.

Mfg Part #	Length	Unit	Stock #	PRICE
4054000	8"	EA	618-6039	$14.87
4050000	20"	EA	618-6040	$14.70

Call Customer Service at 800-826-8302

GENERAL PURPOSE BRUSHES

Sparta® Spectrum® Floater Hand Scrub Brushes

So lightweight they actually float! Non-absorbent block won't crack or chip. Polyester bristles rinse easily for quick clean-up and are ideal for use with most common chemicals. These tough, durable and economical brushes are perfect for a multitude of cleaning chores. Standard 8″ or extra-long 20″ handle. 1-5/8″ bristle. Black brushes feature black block and bristles for a total color brush. 12/case.

Color-Coded

Mfg Part #	Color	Unit	Stock #	PRICE
8″ Long				
4054102	White	EA	618-6047	$8.17
4054105	Red	EA	618-6836	$8.17
4054104	Yellow	EA	618-6944	$8.17
4054114	Blue	EA	618-6750	$8.17
4054109	Green	EA	618-6361	$8.17
4054101	Brown	EA	618-6279	$8.17
4054125	Tan	EA	618-6466	$8.17
4054103	Black	EA	618-6560	$8.17
4054124	Orange	EA	618-6310	$8.17
4054168	Purple	EA	618-6343	$8.17
20″ Long				
4050102	White	EA	618-6049	$12.48
4050105	Red	EA	618-6898	$12.48
4050104	Yellow	EA	618-6984	$12.48
4050114	Blue	EA	618-6751	$12.48
4050109	Green	EA	618-6362	$12.48
4050101	Brown	EA	618-6280	$12.49
4050125	Tan	EA	618-6467	$12.48
4050103	Black	EA	618-6561	$12.48
4050124	Orange	EA	618-6315	$12.48
4050168	Purple	EA	618-6345	$12.48

VIKAN UST Short Handled Hand Brush

Intended for use when cleaning conveyor belts, production lines, machinery, and food preparation surfaces. Total color. 1.5″L bristles. 10″L x 2.88″W.

Color-Coded

Color	Unit	Stock #	PRICE
White	EA	690-3025	$20.70
Red	EA	690-3020	$20.70
Yellow	EA	690-3030	$20.70
Blue	EA	690-3015	$20.70
Green	EA	690-3010	$20.70
Orange	EA	690-3035	$20.70
Pink	EA	690-3005	$20.70
Purple	EA	690-3040	$20.70

VIKAN UST Long Handled Hand Brush

Ideal for use in cleaning machines, buckets, containers, and tubs. Total color. 1.5″L bristles. 15.5″L x 2.88″W.

Color	Unit	Stock #	PRICE
White	EA	690-3065	$25.20
Red	EA	690-3060	$25.20
Yellow	EA	690-3070	$25.20
Blue	EA	690-3055	$25.20
Green	EA	690-3050	$25.20
Orange	EA	690-3075	$25.20
Pink	EA	690-3045	$25.20
Purple	EA	690-3080	$25.20

Hand and Nail Brush Kit

Remove dirt, bacteria and other contaminants trapped beneath nails and cuticles. Structural foam handle is durable, yet offers a secure grip when wet. Stiffer center bristles clean under fingernails while longer outer bristles clean top and bottom of fingers. Kit includes brush, hook, security line and hand-washing instruction decal in English and Spanish. Store in sanitizer between uses. White. 5″ x 2″. 12/case.

Mfg Part #	Description	Unit	Stock #	PRICE
4002100	Kit	EA	618-6740	$14.79
4002000	Brush only	EA	618-6741	$8.23

Sparta® Spectrum® Bottle, Jar and Jug Brushes

When you need a brush to slip into a narrow opening to clean a bottle, jar or valve, these brushes can do the job. Soft polyester bristles are wound with stainless steel wire. All plastic handle with knurled grip. FDA approved material. White. 12/case.

Mfg Part #	Description	Size	Unit	Stock #	PRICE
4046800	Half gallon	4″dia X 16″L	EA	618-7302	$19.42
4046900	Gallon	5½″dia X 19″L	EA	618-6055	$36.65

Prices subject to change.

GENERAL PURPOSE BRUSHES

VIKAN Bottle Brush

Total color bottle brush is manufactured with no joint between the handle and brush head, the brush removes a common repository of contaminants. The one-piece construction of handle and head is made from FDA compliant polypropylene. Extra-stiff polyester bristles are effective at removing stubborn debris from surfaces. 16.9″ length x 3.5″ diameter.

Color	Unit	Stock #	PRICE
White	EA	690-4010	$16.49
Red	EA	690-4011	$16.49
Yellow	EA	690-4012	$16.49
Blue	EA	690-4013	$16.49
Green	EA	690-4014	$16.49
Black	EA	690-4015	$16.49

Sparta® Spectrum® Chute, Valve, and Bottle Brush

These heavy-duty, soak-proof brushes offer a dense fill of stiff bristles for greater cleaning efficiency and superior wear. Tough, but gentle bristles are firmly imbedded into the stem. White plastic handles with knurled grip offer better cleaning control.

Mfg Part #	Color	Unit	Stock #	PRICE
Large/Quart Bottle Brush, 16″L x 3-1/4″D				
4000102	White	EA	618-6100	$11.88
4000105	Red	EA	618-6892	$11.88
4000104	Yellow	EA	618-6970	$11.88
4000114	Blue	EA	618-6776	$11.88
4000109	Green	EA	618-6366	$11.88
4000101	Brown	EA	618-6282	$11.89
4000125	Tan	EA	618-6469	$11.89
4000103	Black	EA	618-6562	$11.88
4000124	Orange	EA	618-6124	$12.25
4000168	Purple	EA	618-6119	$11.88
Small/Pint Bottle Brush, 12″L x 2-3/4″D				
4000002	White	EA	618-6120	$10.27
4000005	Red	EA	618-6896	$10.27
4000004	Yellow	EA	618-6979	$10.27
4000014	Blue	EA	618-6777	$10.27
4000009	Green	EA	618-6367	$10.27
4000001	Brown	EA	618-6283	$10.28
4000025	Tan	EA	618-6470	$10.27
4000024	Orange	EA	618-6143	$10.57

Sparta® Spectrum® Quart Bottle Brush

When you need a brush to slip into a narrow opening to clean a bottle, jar or valve, these brushes can do the job. Soft polyester bristles are wound with stainless steel wire. All plastic handle with knurled grip. 3″ diameter x 16″ length.

Mfg Part #	Color	Unit	Stock #	PRICE
4046702	White	EA	618-6115	$20.38
4046705	Red	EA	618-7193	$20.38
4046704	Yellow	EA	618-7228	$20.38

Call Customer Service at 800-826-8302

GENERAL PURPOSE BRUSHES

Tubing & Pipe Brush

Color-Coded

Sanitary brushes with medium polyester bristles are twisted in flexible galvanized wire to effectively clean the inside of tubing and pipes. Loop end handle for hanging.

Color	Unit	Stock #	PRICE
1"D, 24"L			
White	EA	420-2025	$4.04
Red	EA	420-2026	$4.04
Yellow	EA	420-2027	$4.04
Blue	EA	420-2028	$4.04
Green	EA	420-2029	$4.04
Brown	EA	420-6225	$4.04
Orange	EA	420-6223	$4.04
Purple	EA	420-6224	$4.04
1-1/2"D, 24"L			
White	EA	420-2088	$4.63
Red	EA	420-2086	$4.63
Yellow	EA	420-2087	$4.63
Blue	EA	420-2090	$4.63
Green	EA	420-2089	$4.63
Brown	EA	420-6228	$4.63
Orange	EA	420-6226	$4.63
Purple	EA	420-6227	$4.63
2"D, 24"L			
White	EA	420-2052	$5.95
Red	EA	420-2053	$5.95
Yellow	EA	420-2054	$5.95
Blue	EA	420-2055	$5.95
Green	EA	420-2056	$5.95
Brown	EA	420-6231	$5.95
Orange	EA	420-6229	$5.95
Purple	EA	420-6230	$5.95
3"D, 24"L			
White	EA	420-2043	$8.76
Red	EA	420-2045	$8.76
Yellow	EA	420-2049	$8.76
Blue	EA	420-2051	$8.76
Green	EA	420-2047	$8.76
Brown	EA	420-6234	$8.76
Orange	EA	420-6232	$8.76
Purple	EA	420-6233	$8.76

Color	Unit	Stock #	PRICE
1"D, 36"L			
White	EA	420-2111	$5.05
Red	EA	420-2112	$5.05
Yellow	EA	420-2113	$5.05
Blue	EA	420-2114	$5.05
Green	EA	420-2110	$5.05
Brown	EA	420-6237	$5.05
Orange	EA	420-6235	$5.05
Purple	EA	420-6236	$5.05
1-1/2"D, 36"L			
White	EA	420-2073	$5.64
Red	EA	420-2074	$5.64
Yellow	EA	420-2075	$5.64
Blue	EA	420-2076	$5.64
Green	EA	420-2077	$5.64
Brown	EA	420-6240	$5.64
Orange	EA	420-6238	$5.64
Purple	EA	420-6239	$5.64
2"D, 36"L			
White	EA	420-2101	$7.29
Red	EA	420-2102	$7.29
Yellow	EA	420-2103	$7.29
Blue	EA	420-2104	$7.29
Green	EA	420-2105	$7.29
Brown	EA	420-6243	$7.29
Orange	EA	420-6241	$7.29
Purple	EA	420-6242	$7.29
3"D, 36"L			
White	EA	420-2115	$9.30
Red	EA	420-2116	$9.30
Yellow	EA	420-2117	$9.30
Blue	EA	420-2118	$9.30
Green	EA	420-2119	$9.30
Brown	EA	420-6246	$9.30
Orange	EA	420-6244	$9.30
Purple	EA	420-6245	$9.30

Not finding what you're looking for?

See our Color-Coded Insert for additional Color-Coded Products.

Prices subject to change.

GENERAL PURPOSE BRUSHES

Medium and Heavy-Duty Pipe Brushes

Medium and Heavy-Duty Pipe Brushes feature a 5″ long brush area with white polyester bristles. Available in bristle diameters of 1/4″ to 3″ and overall lengths from 12″ to 12′. All sizes can be special ordered with plastic tubing covering the twisted wire handle. Custom sizes and colors available. Please call for details.

Size	Unit	Stock #	PRICE
Medium-duty			
¼″ x 12″L	EA	420-2151	$2.16
¼" x 18"L	EA	618-7010	$3.93
⅜" x 24"L	EA	420-2153	$3.24
½" x 12"L	EA	420-2154	$2.33
½" x 24"L	EA	420-2156	$3.33
⅝" x 18"L	EA	420-2157	$3.44
⅝" x 36"L	EA	420-2060	$4.89
⅞" x 12"L	EA	420-2159	$3.12
1" x 12"L	EA	420-2161	$3.04
1¼" x 18"L	EA	420-2162	$4.66
Heavy-duty			
1" x 4′L	EA	420-2092	$6.05
1½" x 3′L	EA	420-2164	$5.64
2" x 6′L	EA	420-2166	$11.30
2½″ x 6′L	EA	420-2167	$12.42
3″ x 4′L	EA	420-2169	$10.63
3" x 6′L	EA	420-2171	$13.28
3″ x 10′L	EA	420-2172	$20.49

Hand Rod Pipe Brushes

Hand rod pipe brushes feature stiff polyester spiral fill design. 1/4″ male pipe threads. For manual cleaning only. Flexible handles with heavy gauge twisted wire adapt to fit 1/4″ NPT male or female threads. Looped on opposite end. Also available in custom lengths. Flexible handle with plastic covering available to protect against scratching.

Description	Unit	Stock #	PRICE
Hand Rod Pipe Brushes			
1″ dia	EA	420-2091	$7.64
1½" dia	EA	420-2121	$8.23
2" dia	EA	420-2122	$8.86
2½" dia	EA	420-2123	$9.49
3" dia	EA	420-2124	$10.15
4″ dia	EA	420-2125	$11.77
Flexible Handles			
4′ handle	EA	420-2143	$8.34
6′ handle	EA	420-2130	$11.30
8′ handle	EA	420-2131	$13.77
10′ handle	EA	420-2132	$17.56
Flexible Handle with Plastic Covering			
4′ handle	EA	420-2145	$14.49
6′ handle	EA	420-2140	$17.25
8′ handle	EA	420-2141	$20.90
10′ handle	EA	420-2142	$26.06

VIKAN Tube Brushes for Flexible Rod Handle

Designed to facilitate cleaning in the narrowest spaces, and are also suitable for a variety of cleaning tasks including drains, curved pipes and other small areas. Use with VIKAN tube brushes with medium polyester bristles. Made of FDA compliant material.

Description	Unit	Stock #	PRICE
Flexible Rod Handle			
Stainless Steel Flexible Rod Handle, 30.3" OAL	EA	690-2269	$11.58
Stainless Steel Flexible Rod Handle, 61.4" OAL	EA	690-2067	$26.42
Extension for Stainless Steel Flexible Rod Handle, 30.8" OAL	EA	690-2270	$11.58
Nylon Flexible Rod Handle, 59.7" OAL	EA	690-2068	$26.42
Tube Brushes			
0.4″D, 7.9″L			
White	EA	690-3291	$15.81
Red	EA	690-3290	$15.81
Yellow	EA	690-3293	$15.81
Blue	EA	690-2083	$15.81
Green	EA	690-3346	$15.81
0.8″D, 7.9″L			
White	EA	690-3390	$12.18
Red	EA	690-3391	$12.18
Yellow	EA	690-3392	$12.18
Blue	EA	690-3393	$12.18
Green	EA	690-3394	$12.18

Description	Unit	Stock #	PRICE
1.6″D, 7.9″L			
White	EA	690-3395	$12.61
Red	EA	690-3396	$12.61
Yellow	EA	690-3397	$12.61
Blue	EA	690-3398	$12.61
Green	EA	690-3399	$12.61
2.3″D, 7.1″L			
White	EA	690-2289	$14.52
Red	EA	690-3294	$14.52
Yellow	EA	690-3295	$14.52
Blue	EA	690-2065	$14.52
Green	EA	690-7275	$14.52
3.5″D, 7.7″L			
White	EA	690-3388	$18.43
Red	EA	690-3387	$18.43
Yellow	EA	690-3386	$18.43
Blue	EA	690-3385	$18.43
Green	EA	690-3384	$18.43

Vikan®

Color-Coded

Call Customer Service at 800-826-8302

GENERAL PURPOSE BRUSHES

VIKAN Tube & Valve Brush

Tough enough to handle a wide variety of food industry applications. Polypropylene blocks and stiff polyester bristles are suitable for food, chemical and pharmaceutical plants. Use with Euro-thread handles, sold separately.

Color	Unit	Stock #	PRICE
2" Diameter x 5.75" OAL			
White	EA	690-2138	$18.44
Red	EA	690-2131	$18.44
Yellow	EA	690-2123	$18.44
Blue	EA	690-2115	$18.44
Green	EA	690-2114	$18.44
2.5" Diameter x 6" OAL			
White	EA	690-2009	$19.18
Red	EA	690-2129	$19.18
Yellow	EA	690-2122	$19.18
Blue	EA	690-7107	$19.18
Green	EA	690-2130	$19.18
3" Diameter x 6" OAL			
White	EA	690-2082	$19.88
Red	EA	690-2127	$19.88
Yellow	EA	690-2121	$19.88
Blue	EA	690-2280	$19.88
Green	EA	690-2128	$19.88
Black	EA	690-2288	$19.88
3.5" Diameter x 6.25" OAL			
White	EA	690-2232	$20.75
Red	EA	690-2235	$20.75
Yellow	EA	690-2236	$20.75
Blue	EA	690-2234	$20.75
Green	EA	690-2233	$20.75
Black	EA	690-2200	$20.75
4" Diameter x 6.5" OAL			
White	EA	690-2066	$21.50
Red	EA	690-2124	$21.50
Yellow	EA	690-2125	$21.50
Blue	EA	690-7111	$21.50
Green	EA	690-2126	$21.50
Black	EA	690-2205	$21.50

VIKAN Hook Brush

The curved design of the total color hook brush makes cleaning between and around pipes easier. The hand grip utilizes a threaded recess on the end that allows another Euro-thread handle to be connected to the brush, which allows comfortable cleaning of pipes in high or difficult to reach areas. All materials are FDA compliant. Stainless steel wire. 15.5" overall length x 2.25" diameter.

Color	Unit	Stock #	PRICE
White	EA	690-4020	$14.81
Red	EA	690-4021	$14.81
Yellow	EA	690-4022	$14.81
Blue	EA	690-4023	$14.81
Green	EA	690-4024	$14.81
Black	EA	690-4025	$14.81

Vent Tube Filler Brush

Reduce the threat of product contamination with regular, manual cleaning with the Vent Tube Filler Brush. Designed to clean the vent tubes found on Federal and Fogg filling machines. Besides its convenient 12" length, the brush features a two-stage bristle design with two different diameters of nylon bristle—3/8" to 5/8". To protect the vent tubes from scratches, the wire handle is plastic-covered. Loop-end to hang up for proper storage. 26" overall length.

Mfg Part #	Unit	Stock #	PRICE
4127700	EA	618-6105	$7.48

Claw Brush

Two-fisted cleaning power for any small tube. Well-suited for milker claws, lid cover tubes and pulsators. White nylon bristles twisted in high tensile steel wire. 12" L.

Size	Unit	Stock #	PRICE
7/8" x 1/2" dia	EA	420-2670	$2.60
3/4" x 3/8" dia	EA	420-2675	$2.70

Prices subject to change.

GENERAL PURPOSE BRUSHES

TANK & KETTLE BRUSHES

Milker Hose Cleaning Kit

Cleans 90% of milker hoses. Insert 8′ 4″ cable in hose and pull it through. Kit includes 1/2″ burr for basic cleaning and 9/16″ nylon brush with coupling to remove fine deposits. Other size burrs, brushes, and cables available.
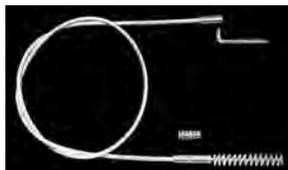
Unit	Stock #	PRICE
KT	681-6115	$15.45

Narrow Bore Inflation Brush

Precision-made to fit most narrow bore inflations. Smooth aluminum sleeve reinforces the double strength wire handle. Balanced to shorten cleaning time. 15/16″ diameter x 17-3/4″ overall length. Polyester bristles.
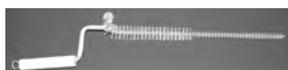
Unit	Stock #	PRICE
EA	420-2660	$8.21

Large Bore Inflation Brush

Precision-made to fit most wide bore inflations. Smooth aluminum sleeve reinforces the double strength wire handle. Balanced to shorten cleaning time. 1-1/4″ diameter x 17-3/4″ overall length. Polyester bristles.

Unit	Stock #	PRICE
EA	420-2175	$7.86

Boot ′N Shoe Brush

Two specially designed brushes keep work shoes and boots thoroughly cleaned. Flip the brushes up to reveal a heavy-duty sole scraper. Anchor its solid metal frame in concrete or secure the frame with one foot while cleaning the other. 14-3/4″W x 16-1/2″L x 7″H.

Mfg Part #	Color	Unit	Stock #	PRICE
4042414	Blue	EA	618-6739	$66.99
4042401	Brown	EA	618-6292	$66.99
4042403	Black	EA	618-6565	$66.99

Sparta® Spectrum® Tank and Kettle Brush

All-around flared head design assures thorough cleaning action from any angle. Polyester bristles are staple set into solid plastic head. Never dents or scratches because the block can't touch the surface being cleaned. Available in two sizes. Handle not included. Order any standard threaded tip handle. 12/case.

Mfg Part #	Color	Unit	Stock #	PRICE
5-1/2″ W x 7-1/2″ L				
4004102	White	EA	618-6013	$28.45
4004105	Red	EA	618-6880	$28.45
4004104	Yellow	EA	618-6950	$28.45
4004114	Blue	EA	618-6758	$28.45
4004109	Green	EA	618-6371	$28.45
4004101	Brown	EA	618-6287	$29.02
4004125	Tan	EA	618-6474	$28.45
4004103	Black	EA	618-6568	$28.45
4004124	Orange	EA	618-6121	$27.74
4004000	White Flare Head	EA	618-6085	$32.42
5-1/2″ W x 9″ L				
4004302	White	EA	618-6006	$33.67
4004305	Red	EA	618-6878	$33.67
4004304	Yellow	EA	618-6948	$33.67
4004314	Blue	EA	618-6756	$33.67
4004309	Green	EA	618-6370	$33.67
4004301	Brown	EA	618-6286	$34.08
4004303	Black	EA	618-6563	$33.67
4004324	Orange	EA	618-6229	$32.72
4004368	Purple	EA	618-6060	$33.67
4004200	White Flare Head	EA	618-6065	$36.53

Sparta® Spectrum® Jumbo 3-Hole Tank and Kettle Brush

Features 3 threaded handle holes for cleaning versatility and even bristle wear. White plastic block with choice of white crimped nylon or polyester bristles give the Jumbo tremendous water-holding capacity. Handle not included. Order any standard threaded tip handle. 6″ x 10-1/2″. 12/case.

Mfg Part #	Color	Unit	Stock #	PRICE
Nylon Bristles				
4122000	White	EA	618-6084	$47.37
Polyester Bristles				
4117702	White	EA	618-7265	$44.33
4117704	Yellow	EA	618-7440	$44.33
4117705	Red	EA	618-7405	$44.33

Call Customer Service at 800-826-8302

TANK, TRUCK, WALL, FLOOR & EQUIPMENT BRUSHES

Vat and Cylinder Brushes

Round, dome-shaped brushes are designed to quickly clean valves, vats and kettles. White medium stiff polyester bristles. Use with any standard threaded handle. 6/case.

CARLISLE

Mfg. Part #	Size	Unit	Stock #	PRICE
4104500	5" dia	EA	618-7229	$22.72
4004500	6" dia	EA	618-7272	$24.21
4100200	7" dia	EA	618-7220	$26.66

Round Tank Brushes

Round tank brushes feature a bowl-shaped head design for thorough cleaning of inside tank surfaces. Plastic block. Nylon swivel handle bracket adjusts to any angle. Handle not included. Order 60" stud tip handle. 12/case.

Color	Unit	Stock #	PRICE
6.5" Diameter Brush			
White	EA	378-6020	$16.22
7.5" Diameter Brush			
Red	EA	618-6876	$17.52
Yellow	EA	378-6108	$19.24
Blue	EA	378-6100	$19.24
Green	EA	378-7002	$19.24
8" Diameter Brush			
White	EA	618-6525	$42.74
9" Diameter Brush			
White	EA	378-7001	$24.24
Red	EA	378-6106	$20.55
Yellow	EA	378-6110	$20.55
Blue	EA	378-6102	$18.68
Green	EA	378-6114	$18.68
Handle			
60"L	EA	618-7056	$20.99

Sparta® Spectrum® Flared Flo-Thru Brush

Soft, flared Nylex™ bristles cover more cleaning surface in less time. Large 12" x 5" bristle spread reaches into corners. Non-absorbent 10" plastic block will not crack or chip. Handle not included. Order flo-thru or any standard threaded tip handle. 12/case.

Mfg Part #	Color	Unit	Stock #	PRICE
4127802	White	EA	618-6098	$21.52
4127805	Red	EA	618-7005	$21.52
4127804	Yellow	EA	618-6985	$21.52
4127814	Blue	EA	618-6796	$21.52
4127875	Green	EA	618-6306	$21.52

Truck and Wall Brush

Ideal for use where lots of water is necessary on trucks, walls, or equipment. Rounded structural foam block with wrap-around vinyl bumper protects delicate surfaces while the soft Nylex™ bristles prevent scratching. Use as a flo-thru or dip-style brush. 9-1/2"L x 3"W. Handle not included. Order flo-thru or any standard threaded tip handle. 12/case.

Color	Unit	Stock #	PRICE
White	EA	618-6008	$18.54
Red	EA	618-6795	$18.54
Yellow	EA	618-6965	$18.54
Blue	EA	618-6785	$18.54
Green	EA	618-6095	$18.54
Brown	EA	618-6288	$18.54
Tan	EA	618-6475	$19.07
Orange	EA	618-6797	$18.54

Truck and Equipment Brush

Excellent dip-style brush. Features soft, non-scratching green Nylex™ bristles. Long 14" length makes it a great brush to use on trucks and walls. Structural foam block, two threaded handle holes. Handle not included. Order any standard threaded tip handle. 12/case.

Unit	Stock #	PRICE
EA	420-2096	$17.42

Soft Scrub Brush

Two brushes in one. Our dual-surface scrub brush features a two-position bristle trim. Use in a straight upright position for open areas and in an angled position on or under equipment. 10" foam block is filled with green Nylex™ bristles to hold more solution and resist matting. 2-3/8" bristle trim. Handle not included. Order flo-thru or any standard threaded tip handle. 12/case.

Unit	Stock #	PRICE
EA	225-6025	$30.47

Handle Selection Guide found on page 420.

Prices subject to change.

TANK, TRUCK, WALL, FLOOR & EQUIPMENT BRUSHES

Sparta® Spectrum® Hi-Lo™ Floor Scrub Brush

Designed to give maximum cleaning action in both open areas and under counters or equipment. Three-position bristle trim maintains effective scrubbing straight up or at an angle. Easily cleaned polypropylene bristles are set into a durable structural foam white block that won't warp, crack, split or splinter. 10" long, 1-3/4" bristle trim. Handle not included. Order any standard threaded tip handle. 12/case.

Mfg Part #	Color	Unit	Stock #	PRICE
4042302	White	EA	618-6069	$13.34
4042305	Red	EA	618-6822	$13.34
4042304	Yellow	EA	618-6020	$13.34
4042314	Blue	EA	618-6792	$13.34
4042309	Green	EA	618-6374	$13.34
4042301	Brown	EA	618-6291	$13.34
4042303	Black bristles w/ white block	EA	618-6564	$13.34
4042303	Black bristles w/ black block	EA	618-6532	$17.97
4042324	Orange	EA	618-6156	$13.34
4042368	Purple	EA	618-6209	$13.34

Floor Scrub with Squeegee

Squeegee is conveniently built into the floor scrub, so there's no need to carry a squeegee along with you when cleaning floors. Engineered to give you the maximum cleaning action whether you're scrubbing open floor space or reaching under equipment. This feature moves the maximum amount of water and solution on the surface and reduces the usual squeegee "chatter" sound. Rubber squeegee blade with colored polypropylene bristles. 10" x 4-1/2" plastic black block, and 1-3/4" bristles. Handle not included. Order any standard threaded tip handle. 12/case.

Color	Unit	Stock #	PRICE
Blue	EA	225-6052	$15.51
Yellow	EA	618-6021	$21.47

VIKAN UST Deck Scrub

This total color scrub brush is designed to be very effective in scrubbing stubborn dirt on both textured and smooth surfaces. 1-7/16"L stiff bristles. 15-1/4" x 1-7/8". Requires Euro-thread handle, sold separately.

Color	Unit	Stock #	PRICE
White	EA	690-3325	$42.44
Red	EA	690-3320	$42.44
Yellow	EA	690-3330	$42.44
Blue	EA	690-3315	$42.44
Green	EA	690-3310	$42.44
Orange	EA	690-3335	$42.44
Pink	EA	690-3305	$42.44
Purple	EA	690-3340	$42.44

VIKAN Grout Brush

Total color grout brush is excellent for scrubbing in difficult to reach areas. The "arrow" shaped bristles are ideal to clean grout between tiles and crevices in general. Middle row bristles are stiffer than the filament bundles on the sides. Made of FDA compliant material. Euro-thread handle sold separately. 9.5"L x 1.4"W x 6.38"H. Polyester bristles.

Color	Unit	Stock #	PRICE
White	EA	690-7405	$32.45
Red	EA	690-7404	$32.45
Yellow	EA	690-7406	$32.45
Blue	EA	690-7403	$32.45
Green	EA	690-7402	$32.45

Heavy-Duty Swivel Scrub® Brush

Clean baseboards, walls, around equipment, hard-to-reach corners and areas where floor machines can't. Black plastic block with rust-colored, heavy grit-embedded nylon bristles. Ideal for heavy scrubbing or stripping of wax build-up. Uses any standard threaded handle. 8" x 3.5". 1" trim.

Unit	Stock #	PRICE
EA	225-6131	$41.54

Call Customer Service at 800-826-8302

TANK, TRUCK, WALL, FLOOR & EQUIPMENT BRUSHES

Color-Coded Swivel Scrub® Brush

Add to your color-coded program with these versatile scrub brushes. Clean hard-to-reach corners, around equipment, walls and baseboards. All brushes have a white block with colored bristles, except the black brush which has both black bristles and block. Uses any standard threaded handle. 8" x 3.5". 1" trim.

Color	Unit	Stock #	PRICE
White	EA	618-6501	$18.66
Red	EA	618-6505	$18.66
Yellow	EA	618-6503	$18.66
Blue	EA	618-6509	$18.66
Green	EA	618-6507	$18.66
Black	EA	618-6511	$23.28

Stainless Steel Floor Scraper

Heavy-duty 8" stainless steel floor scraper quickly removes stuck on food particles and other caked on debris from floors. The heavy-duty zinc die cast socket accepts any tapered handle. 12/case.

Mfg Part #	Unit	Stock #	PRICE
4107800	EA	618-7216	$33.54

SQUEEGEES

VersaClean™ with Squeegee

The rubber fingers of the VersaClean easily clean up wet or dry debris. Can be used as an agitator for stubborn spots and its built in one-piece squeegee cleans up wet surfaces quickly. Resists most chemicals and withstands temperatures up to 212° F. Use any standard threaded handle. Black.

Size	Unit	Stock #	PRICE
12" L	EA	618-2062	$25.60
16" L	EA	618-2066	$29.89

Double Foam Floor Squeegee

The Double Foam Floor Squeegee works for a wide range of surfaces. Excellent for grouted floors and quarry tile floors found in many processing plants as well as smooth surfaces, warehouses and more. Squeegee has a heavy duty frame and completely replaceable foam blades (two required per squeegee). Handle not included. Order any tapered tip handle, tapered/threaded handle, or any standard threaded handle with #420-2905 tapered tip adapter.

Mfg Part #	Size	Unit	Stock #	PRICE
Squeegees				
4008100	18"	EA	618-6202	$26.05
4008200	24"	EA	618-6204	$30.09
4008300	30"	EA	618-6206	$34.57
Refill Blades				
4010700	18"	EA	618-6203	$8.75
4008200	24"	EA	618-6205	$10.87
4010900	30"	EA	618-6207	$13.75

Prices subject to change.

Red Gum Rubber Floor Squeegee

The easy way to clean up dirt and water. 2″ non-marking red gum rubber blade conforms to uneven surfaces. Straight squeegees feature baked enamel 1″ angle steel frame. Handle not included. Order any tapered tip handle or tapered/threaded handle, or any standard threaded tip handle with #420-2905 tapered tip adapter.

Mfg Part #	Size	Unit	Stock #	PRICE
4007500	18"	EA	618-6123	$26.14
4007600	24"	EA	618-6125	$31.14
4007700	36"	EA	618-6131	$40.44

Curved End Floor Squeegees

This curved black rubber blade is perfect for controlling liquids and dirt while cleaning. Unpainted metal frame provides superior strength. Handle not included. Order any tapered tip handle or any standard threaded handle with #420-2905 tapered tip adapter.

Mfg Part #	Size	Unit	Stock #	PRICE
36324C00	24″	EA	225-6036	$29.57
36336C00	36″	EA	225-6040	$37.34

Sparta® Spectrum® Double Foam Squeegee

Unique all plastic frame construction, double foam blades, and your choice of 8 vibrant colors all add up to a squeegee you won't want to be without. Use various colors to prevent cross-contamination and as a part of your HACCP program. Squeegee has colored blades and frame for ultimate color-coding. Order any standard threaded handle. Sold separately. 6/case.

Mfg Part #	Color	Unit	Stock #	PRICE
18″ Blade				
4156702	White	EA	618-6255	$21.82
4156705	Red	EA	618-6258	$21.82
4156704	Yellow	EA	618-6257	$21.82
4156714	Blue	EA	618-6259	$21.82
4156709	Green	EA	618-6256	$21.82
4156701	Brown	EA	618-6699	$21.82
4156724	Orange	EA	618-6349	$21.82
4156768	Purple	EA	618-6347	$21.82
24″ Blade				
4156802	White	EA	618-6250	$27.15
4156805	Red	EA	618-6254	$27.15
4156804	Yellow	EA	618-6253	$27.15
4156814	Blue	EA	618-6252	$27.15
4156809	Green	EA	618-6251	$27.15
4156801	Brown	EA	618-6700	$27.15
4156824	Orange	EA	618-6351	$27.15
4156868	Purple	EA	618-6218	$26.37

Sanitary Heavy-Duty Floor Squeegee

100% polymer construction eliminates risk of rust contamination. Lightweight twin blade design offers double service and prevents splash-back during use. White, extruded blades conform to grouted floors, quarry tile and other hard-to-dry surfaces. PVC handle and blades are highly resistant to chemicals, oil and temperature. Patented self-locking connector simplifies blade replacement. FDA and USDA approved materials. Handle not included. Only use handle #530-6265 or #530-6260.

Size	Unit	Stock #	PRICE
Squeegee			
18"	EA	530-6118	$31.13
24"	EA	530-6124	$30.28
30″	EA	530-6130	$31.38
Handle			
60″	EA	530-6260	$23.55
34″-62″	EA	530-6265	$25.95

Call Customer Service at 800-826-8302

SQUEEGEES

VIKAN Double Blade Ultra Hygiene Squeegee

Easy to clean double rubber blades will harbor less bacteria than double foam squeegees. Features two blades in a replace-able cassette for quick and easy blade replacement. Autoclavable at temp-eratures up to 250°F/121°C. Made from FDA-compliant materials. Handle sold separately (unless noted otherwise). Requires Euro-thread handle.

Color	Unit	Stock #	PRICE
10" Wide Bench Squeegee w/6.5" Handle			
White	EA	690-7510	$16.49
Red	EA	690-7410	$16.49
Yellow	EA	690-7610	$16.49
Blue	EA	690-7310	$16.49
Green	EA	690-7210	$16.49
10" Wide Refill Blade Cartridge			
White	EA	690-7511	$9.48
Red	EA	690-7411	$9.48
Yellow	EA	690-7611	$9.48
Blue	EA	690-7311	$9.48
Green	EA	690-7211	$9.48
20" Wide Squeegee			
White	EA	690-7520	$31.91
Red	EA	690-7420	$31.91
Yellow	EA	690-7620	$31.91
Blue	EA	690-7320	$31.91
Green	EA	690-7220	$31.91
20" Wide Refill Blade Cartridge			
White	EA	690-7521	$15.96
Red	EA	690-7421	$15.96
Yellow	EA	690-7621	$15.96
Blue	EA	690-7321	$15.96
Green	EA	690-7221	$15.96
24" Wide Squeegee			
White	EA	690-7524	$34.54
Red	EA	690-7424	$34.54
Yellow	EA	690-7624	$34.54
Blue	EA	690-7324	$34.54
Green	EA	690-7224	$34.54
Black	EA	690-7724	$34.54
Orange	EA	690-7824	$34.54
Pink	EA	690-2746	$34.54
Purple	EA	690-7237	$34.54
24" Wide Refill Blade Cartridge			
White	EA	690-7525	$18.48
Red	EA	690-7425	$18.48
Yellow	EA	690-7625	$18.48
Blue	EA	690-7325	$18.48
Green	EA	690-7225	$18.48
Black	EA	690-7725	$18.48
Orange	EA	690-7825	$18.48
Pink	EA	690-2747	$18.48
Purple	EA	690-7726	$18.48

Color-Coded

VIKAN Single Blade Ultra Hygiene Squeegee

The ultra-hygienic fully molded single-blade squeegee is ideal for use in areas requiring the highest level of hygiene. Improved design features smooth and rounded surfaces which provide better hygiene and easier cleaning. The elon-gated body reduces wear and tear on the ends of the flexible rubber blade to enhance durability and efficiency. Autoclavable at temperatures up to 250°F/121°C. Made from FDA-compliant materi-als. Requires Euro-thread handle. Sold separately.

Color	Unit	Stock #	PRICE
10" Wide Bench Squeegee w/ 6.5" Handle			
White	EA	690-7184	$17.87
Red	EA	690-7183	$17.87
Yellow	EA	690-7185	$17.87
Blue	EA	690-7182	$17.87
Green	EA	690-7181	$17.87
Orange	EA	690-7186	$17.87
Pink	EA	690-7187	$17.87
Purple	EA	690-7188	$17.87
16" Blade			
White	EA	690-7193	$23.65
Red	EA	690-7192	$23.65
Yellow	EA	690-7194	$23.65
Blue	EA	690-7191	$23.65
Green	EA	690-7190	$23.65
Black	EA	690-7198	$23.65
Orange	EA	690-7196	$23.65
Pink	EA	690-7195	$23.65
Purple	EA	690-7197	$23.65
20" Blade			
White	EA	690-7203	$25.17
Red	EA	690-7202	$25.17
Yellow	EA	690-7204	$25.17
Blue	EA	690-7200	$25.17
Green	EA	690-7199	$25.17
24" Blade			
White	EA	690-7208	$31.33
Red	EA	690-7207	$31.33
Yellow	EA	690-7209	$31.33
Blue	EA	690-7206	$31.33
Green	EA	690-7205	$31.33
Black	EA	690-7213	$31.33
Orange	EA	690-7216	$31.33
Pink	EA	690-7215	$31.33
Purple	EA	690-7212	$31.33
28" Blade			
White	EA	690-2721	$40.61
Red	EA	690-2719	$40.61
Yellow	EA	690-2727	$40.61
Blue	EA	690-7218	$40.61
Green	EA	690-7217	$40.61

Prices subject to change.

SQUEEGEES

One-Piece Rubber Squeegees

Prevent cross-contamination with these economical squeegees in nine HACCP-friendly colors. Sanitary, solid one-piece construction minimizes possible contamination areas and reduces the possibility for dirt to collect in the squeegee. Use with any standard threaded handle (sold separately).

Color	Unit	Stock #	PRICE
20″ Long			
White	EA	618-6318	$19.09
Red	EA	618-6319	$19.09
Yellow	EA	618-6320	$19.09
Blue	EA	618-6321	$19.09
Green	EA	618-6322	$19.09
Brown	EA	618-8234	$19.09
Black	EA	618-6331	$19.09
Orange	EA	618-6339	$19.09
Purple	EA	618-6335	$19.09
24″ Long			
White	EA	618-6323	$23.75
Red	EA	618-6324	$23.75
Yellow	EA	618-6325	$23.75
Blue	EA	618-6326	$23.75
Green	EA	618-6327	$23.75
Brown	EA	618-6698	$23.75
Black	EA	618-6332	$23.75
Orange	EA	618-6333	$23.75
Purple	EA	618-6336	$23.75

Color-Coded

Stainless Steel Channel Window Squeegee

A top quality industrial window squeegee. Black rubber blade. Handle not included. Order any tapered tip handle (except tapered/threaded), or any standard threaded tip handle with #420-2905 tapered tip adapter. 12/case.

Mfg Part #	Size	Unit	Stock #	PRICE
4007000	12″	EA	618-6130	$14.66
4007100	16″	EA	618-7108	$16.01

VIKAN Ceiling Squeegee System

The removal of ceiling condensation has always been a nuisance, relying on a variety of fixes. This specialized squeegee removes and captures condensation effectively. Ideal for smooth surface ceiling applications. Self-drains into telescopic handle. Handles feature either a 32-oz bottle to collect liquid or drain end to attach a hose. Handle and hose sold separately.

Color	Size	Unit	Stock #	PRICE
Ceiling Squeegee				
White	3″ x 16″	EA	690-2560	$46.90
Red	3″ x 16″	EA	690-2561	$46.90
Yellow	3″ x 16″	EA	690-2562	$46.90
Blue	3″ x 16″	EA	690-2563	$46.90
Green	3″ x 16″	EA	690-2564	$46.90
Composite Fiberglass and Aluminum Draining Extension Handles				
Yellow	8′4″ - 15′8″ w/bottle	EA	690-2186	$74.51
Yellow	8′3″ - 15′7″w/drain	EA	690-2187	$71.15
Fiberglass Draining Extension Handles				
White	8′6″ - 16′ w/bottle	EA	690-7029	$67.72
White	8′6″ - 16′1″ w/drain	EA	690-2341	$64.39

Call Customer Service at 800-826-8302

FLOOR DRAIN BRUSHES

Color-Coded Floor Drain Brush

Prevent cross-contamination between various working areas with color-coded floor drain brushes. These brushes feature a band of colored bristles along with the traditional black floor drain bristles. At a glance you are able to determine that the brush is designated for floor drains in a specific area. Use only 36″ (420-2450) or 48″ (420-2451) white floor drain handles listed below. White handle imprinted with "Use for Floor Drains Only." Handles are female thread and the brushes are male thread.

Color	Unit	Stock #	PRICE
3″ Diameter Brush			
White	EA	420-2554	$7.31
Red	EA	420-2555	$7.31
Yellow	EA	420-2556	$7.31
Blue	EA	420-2557	$7.31
Green	EA	420-2558	$7.31
Brown	EA	420-6208	$7.31
Black	EA	420-2550	$7.31
Orange	EA	420-2552	$7.31
Purple	EA	420-6207	$7.31
4″ Diameter Brush			
White	EA	420-2559	$7.62
Red	EA	420-2560	$7.62
Yellow	EA	420-2561	$7.62
Blue	EA	420-2562	$7.62
Green	EA	420-2563	$7.62
Brown	EA	420-6210	$7.62
Black	EA	420-2551	$7.62
Orange	EA	420-2565	$7.62
Purple	EA	420-6209	$7.62
Handles			
36″ L	EA	420-2450	$14.46
48″ L	EA	420-2451	$16.82

Floor Drain Brush & Handle

Frequent cleaning and sanitation of floor drains reduces the possibility of finished product contamination. The tough polypropylene bristles and non-absorbent plastic block will help you fight bacterial contamination. Color-coded black bristles help sanitation personnel keep the brush segregated to avoid cross-contamination. Available in four diameters and three handle lengths. Handle not included. Only use handles listed below. Handles are female thread and the brushes are male thread. White and black handle imprinted with "Use for Floor Drain Only" in English and Spanish.

Mfg Part #	Size	Unit	Stock #	PRICE
Brushes				
4014600	3" dia	EA	618-6550	$16.67
4014700	4″ dia	EA	618-6551	$17.51
4109300	5" dia	EA	618-6552	$18.25
4014800	6" dia	EA	618-6553	$19.05
White Handles				
4023700	48"L	EA	618-6451	$18.14
4023800	60"L	EA	618-6452	$22.28
Black Handles				
---	36″L	EA	618-6453	$15.31
---	48″L	EA	618-6454	$17.06
---	60″L	EA	618-6455	$19.69

CARLISLE SANITARY MAINTENANCE PRODUCTS

Drain Opener

Use this tool as a convenient and sanitary way to remove drain covers. Easy to use, simply insert into drain, twist and pull to remove. Plastic handles for secure grip. One-piece construction for easy sanitizing. Conveniently hangs on the brush rack with drain brush. 36″ overall length.

Color	Unit	Stock #	PRICE
White	EA	618-6555	$23.44

Avoid cross-contamination with our wide variety of color-coded products:

- Product Handling
- Metal Detectable
- Material Handling
- QA/QC
- Janitorial
- Brushes
- Apparel
- Safety

See our color-coded insert for details!

Prices subject to change.

Fine Floor Sweep

Ideal for sweeping dust and fine particles on smooth surfaces. Soft, slightly flagged gray polypropylene bristles. Black plastic block. Handle not included. Use any standard threaded handle. 12/case.

Size	Unit	Stock #	PRICE
18"	EA	225-6104	$15.77
24"	EA	225-6058	$20.86

Medium Floor Sweep

Use for general to light industrial applications. Black polypropylene bristle. Black plastic block. Handle not included. Use any standard threaded handle. 12/case.

Size	Unit	Stock #	PRICE
18"	EA	225-6060	$15.23
24"	EA	225-6061	$16.72

Heavy-Duty Floor Sweep

Ideal for use on rough surfaces and where water, sweeping compounds or cleaning solvents are used. Stiff maroon polypropylene bristles. Black plastic block. Handle not included. Use any standard threaded handle. 12/case.

Size	Unit	Stock #	PRICE
18"	EA	225-6062	$15.17
24"	EA	225-6063	$15.87

Heavy Street Sweep

If you've got some heavy-duty sweeping to do, this is the broom for you! The stiff, 5-1/8" long wearing bristles are ideally suited for those extra-rough surfaces like asphalt or concrete. Polypropylene bristles don't absorb moisture, so they'll never rot or mildew. Hardwood block measures 3-1/2" x 16". Orange color bristles add safety in the workplace and high traffic areas. Two tapered handle holes. Handle not included. Order any tapered tip handle. 12/case.

Unit	Stock #	PRICE
EA	225-6064	$14.91

Rubbermaid® Warehouse Corn Broom

Premium-quality warehouse broom features 100% natural corn fiber construction. Four orange sewn threads and one wire band. 1-1/8" diameter stained and lacquered hardwood handle. 14" spread. 60" overall length. 12/case.

Model	Unit	Stock #	PRICE
6384	EA	440-2840	$20.88

Sparta® Spectrum® Color-Coded Omni Sweep™

Perfect for sweeping heavy to fine particles, this broom combines the features of a fine, medium and heavy floor sweep. Short, heavy bristles in front sweep up the large debris, while the long, fine and medium bristles in back sweep the fine particles. Black Omni Sweep features black bristles as well as a black plastic block. Use any standard threaded handle. 12/case.

Color	Unit	Stock #	PRICE
18" Omni Sweep			
White	EA	618-6027	$15.72
Red	EA	618-6832	$15.72
Yellow	EA	618-6957	$15.72
Blue	EA	618-6701	$15.72
Green	EA	618-6341	$15.72
Brown	EA	618-6838	$15.75
Black	EA	618-6703	$25.02
Orange	EA	618-6338	$15.72
Purple	EA	618-6839	$15.72
24" Omni Sweep			
White	EA	618-6029	$22.17
Red	EA	618-6833	$22.17
Yellow	EA	618-6959	$22.17
Blue	EA	618-6702	$22.17
Green	EA	618-6342	$22.17
Brown	EA	618-6834	$22.20
Black	EA	618-6704	$32.31
Orange	EA	618-6334	$22.17
Purple	EA	618-6841	$22.17

Call Customer Service at 800-826-8302

FLOOR & ANGLE BROOMS

VIKAN UST Floor Broom

Soft bristle broom is effective for sweeping dry particles where medium bristles are effective for sweeping in dry or wet areas. 2 1/8"L bristles. 15 1/4" x 1 7/8". Requires Euro-thread handle, sold separately.

Color	Unit	Stock #	PRICE
Soft Bristles			
White	EA	690-3225	$42.44
Red	EA	690-3220	$42.44
Yellow	EA	690-3230	$42.44
Blue	EA	690-3215	$42.44
Green	EA	690-3210	$42.44
Orange	EA	690-3235	$42.44
Pink	EA	690-3205	$42.44
Purple	EA	690-3240	$42.44
Medium Bristles			
White	EA	690-3265	$42.44
Red	EA	690-3260	$42.44
Yellow	EA	690-3270	$42.44
Blue	EA	690-3255	$42.44
Green	EA	690-3250	$42.44
Orange	EA	690-3275	$42.44
Pink	EA	690-3245	$42.44
Purple	EA	690-3280	$42.44

Floor Sweeping Compound

An economical sweeping compound to help keep dust down and aid in dirt pick up.

Pkg	Wt	Unit	Stock #	PRICE
No-Grit Compound				
50 lbs	50	BX	542-6080	$17.51
200 lbs	200	DR	542-7001	$81.72
Sand-Based Compound				
50 lbs	50.5	BX	542-6025	$11.33
300 lbs	310	DR	542-7000	$66.33

Anti-Slip Absorbents

This safety sorbent maintains the highest anti-slip or non-skid characteristics of all sorbents. The volcanic ash rock creates a natural surface to plant floors. The product is also ideal for vapor suppression. Packaged in a 25 lb bag or in 2-1/2 lb carton.

Size	Unit	Stock #	PRICE
2-1/2 lb shaker carton	EA	454-1000	$4.41
25 lb bag	BG	454-1001	$22.67

Sparta® Spectrum® Duo-Sweep® Angle Broom

With color-coded bristles and handles, these angle brooms are designed to provide general purpose sweeping, reaching into corners, along walls, or into hard to reach areas for fast, efficient cleaning. No hood/shroud to break or gather soils leading to cross-contamination issues. 48" fiberglass handles. 54" overall length. Choose flagged bristles for sweeping fine particles and unflagged for large debris or in wet applications. 12/case.

Color	Unit	Stock #	PRICE
12" Flagged Brooms			
White	EA	618-6240	$25.31
Red	EA	618-6238	$25.31
Yellow	EA	618-6239	$25.31
Blue	EA	618-6235	$25.31
Green	EA	618-6237	$25.31
Brown	EA	618-6236	$25.31
Tan	EA	618-6241	$25.31
Black	EA	618-6249	$25.31
Orange	EA	618-6350	$25.31
Purple	EA	618-6199	$25.31
12" Unflagged Brooms			
White	EA	618-6247	$24.12
Red	EA	618-6245	$24.12
Yellow	EA	618-6246	$24.12
Blue	EA	618-6242	$24.12
Green	EA	618-6244	$24.12
Brown	EA	618-6243	$24.12
Tan	EA	618-6248	$24.12
Black	EA	618-6230	$24.12
Orange	EA	618-6352	$24.12
Purple	EA	618-6177	$24.12
Replacement 12" Flagged Heads			
White	EA	618-6294	$9.07
Red	EA	618-6293	$9.07
Yellow	EA	618-6295	$9.07
Blue	EA	618-6296	$9.07
Green	EA	618-6297	$9.07
Brown	EA	618-6298	$9.07
Black	EA	618-6300	$9.07
Orange	EA	618-6309	$9.07
Purple	EA	618-6535	$9.04
Replacement 12" Unflagged Heads			
White	EA	618-6191	$8.31
Red	EA	618-6192	$8.31
Yellow	EA	618-6193	$8.31
Blue	EA	618-6194	$8.31
Green	EA	618-6195	$8.31
Brown	EA	618-6196	$8.31
Black	EA	618-6198	$8.31
Orange	EA	618-6150	$8.31
Purple	EA	618-6536	$8.31

Prices subject to change.

VIKAN Angle Broom

Angled design of this broom makes it easy to reach into narrow spaces. Stiff bristles are effective for collecting large debris in moist environments. 4.5″ x 6″L stiff poly-ester bristles. 11″W block. Requires Euro-thread handle (sold separately).

Color	Unit	Stock #	PRICE
White	EA	690-2158	$26.72
Red	EA	690-2157	$26.72
Yellow	EA	690-2155	$26.72
Blue	EA	690-2159	$26.72
Green	EA	690-2156	$26.72
Black	EA	690-2165	$26.72
Orange	EA	690-2254	$26.72

Rubbermaid® Angle Broom

Metal Handle

Cut and shaped for easy sweeping makes this broom ideal for cleaning hard-to-reach areas. Long-lasting stain-resistant polypropylene bristles are permanent fusion set, so they won't pull out. Metal handle included. 10″W x 54″ overall length.

Mfg Part #	Color	Description	Unit	Stock #	PRICE
6389-06	Yellow/Black	Angle Broom and Handle, Flagged	EA	440-7023	$14.39

Rubbermaid® Angle Broom

Vinyl Coated Metal Handle

Cut and shaped for easy sweeping makes this broom ideal for cleaning hard-to-reach areas. Long-lasting stain-resistant polypropylene bristles are permanent fusion set, so they won't pull out. Vinyl coated metal handle included. 10.5″W x 57″ overall length.

Mfg Part #	Color	Description	Unit	Stock #	PRICE
1861076	Yellow/Black	Angle Broom and Handle, Flagged	EA	440-2361	$19.68

Rubbermaid® Angle Broom

Replacement Parts

Cut and shaped for easy sweeping makes this broom ideal for cleaning hard-to-reach areas. Long-lasting stain-resistant polypropylene bristles are permanent fusion set, so they won't pull out. 10.5″W replacement head. 57″ overall length handle.

Mfg Part #	Color	Description	Unit	Stock #	PRICE
6397	Yellow/Gray	Replacement Head	EA	440-2837	$14.19
6355	Gray	Handle	EA	440-2830	$18.85

Call Customer Service at 800-826-8302

COUNTER & BENCH BRUSHES

Counter and Bench Brush

Quickly remove dust and dirt from counters, benches, shelves or other hard-to-reach spots. Brush features a convenient hanging hole for better storage. Plastic block. 8" brush length. 13" overall length. 12/case.

Mfg Part #	Description	Unit	Stock #	PRICE
4048100	Black polyester bristle w/white block	EA	618-7187	$11.92
3621123	Gray plastic bristle w/ black block	EA	225-6137	$6.89
3625803	Black crimped bristle w/ black block	EA	618-7518	$7.23

VIKAN UST Bench Brush

Soft bristles are ideal for sweeping fine particles from conveyor belts, food preparation surfaces, tables, and equipment. Medium bristles are more suitable for sweeping damp particles in similar applications. 2.25″L bristles. Total color. 13″L x 1.5″W.

Color	Unit	Stock #	PRICE
Soft Bristles			
White	EA	690-3125	$21.56
Red	EA	690-3120	$21.56
Yellow	EA	690-3130	$21.56
Blue	EA	690-3115	$21.56
Green	EA	690-3110	$21.56
Orange	EA	690-3135	$21.56
Pink	EA	690-3105	$21.56
Purple	EA	690-3140	$21.56
Medium Bristles			
White	EA	690-3165	$21.56
Red	EA	690-3160	$21.56
Yellow	EA	690-3170	$21.56
Blue	EA	690-3155	$21.56
Green	EA	690-3150	$21.56
Orange	EA	690-3175	$21.56
Pink	EA	690-3145	$21.56
Purple	EA	690-3180	$21.56

Sparta® Spectrum® Counter and Bench Brush

Handy, exceptionally durable, yet surprisingly inexpensive. Quickly remove dust and dirt from counters, benches, shelves or other hard-to-reach spots. All brushes feature a convenient hanging hole for better storage. Bristles 8″ L x 2-1/2″ trim. Overall length 13″. Plastic block. 12/case.

Color	Unit	Stock #	PRICE
White	EA	618-6686	$11.83
Red	EA	618-6803	$11.83
Yellow	EA	618-6923	$11.83
Blue	EA	618-6775	$11.83
Green	EA	618-6365	$11.83
Brown	EA	618-6281	$11.83
Orange	EA	618-6529	$11.83
Purple	EA	618-6857	$11.83

VIKAN Edge Bench Brush

A total color dusting brush with a smooth, ergonomic designed handle. Soft bristles are designed for brushing dry, fine particles such as dust, dairy powders, flour, or icing sugar. Medium strength bristles remove moist or medium sized particles such as sugar, chocolate, pastry, or vegetable peelings. Also commonly used as a dustpan brush on floors. 2″L polyester bristles. 1.4″ x 13″L block.

Color	Unit	Stock #	PRICE
Soft Bristles			
White	EA	690-2383	$10.61
Red	EA	690-2382	$10.61
Yellow	EA	690-2384	$10.61
Blue	EA	690-2381	$10.61
Green	EA	690-2380	$10.61
Black	EA	690-2385	$10.61
Orange	EA	690-2386	$10.61
Pink	EA	690-2739	$10.61
Purple	EA	690-2387	$10.61
Medium Bristles			
White	EA	690-2573	$10.61
Red	EA	690-2572	$10.61
Yellow	EA	690-2574	$10.61
Blue	EA	690-2571	$10.61
Green	EA	690-2570	$10.61
Black	EA	690-2577	$10.61
Orange	EA	690-2575	$10.61
Pink	EA	690-2740	$10.61
Purple	EA	690-2576	$10.61

Prices subject to change.

Sanitation & Janitorial

COUNTER & BENCH BRUSHES

Sparta® Spectrum® Wand Brush

Long narrow shape of this brush is perfect for cleaning counter tops, between equipment and countertops, conveyor belts, refrigerator coils, and other narrow hard-to-reach places. Durable 24"′ plastic handle will not crack or splinter. Made of FDA approved materials. 12/case.

Color	Unit	Stock #	PRICE
White	EA	618-7107	$10.10
Red	EA	618-7106	$10.10
Yellow	EA	618-7026	$10.10
Blue	EA	618-7215	$10.10
Green	EA	618-7149	$10.10
Brown	EA	618-7152	$10.10

Color-Coded

DUST PANS

Rubbermaid® Lobby Pro™ Upright Dust Pan

For fast, effective spot cleaning, this is the perfect dust pan. Clean unobtrusively without having to bend over to collect dust and debris. Measures 5″H x 11-1/4″W x 12-3/4″L. Handle is 36-5/8″ long. Black. 6/case.

Rubbermaid®
Commercial Products

Model	Unit	Stock #	PRICE
2531	EA	440-2001	$26.77

Plastic Dust Pans

Color-Coded

Looking for a durable dust pan that is made to last? You've found it in this rubberized model that won't rust, dent or corrode. Handle has a hang-up hole for easy storage. Measures 12″W x 8″D x 3″H.

Color	Unit	Stock #	PRICE
White	EA	420-2570	$4.16
Red	EA	420-2571	$4.16
Yellow	EA	420-2572	$4.16
Blue	EA	420-2573	$4.16
Green	EA	420-2574	$4.16
Gray	EA	420-2577	$4.16
Brown	EA	420-2576	$4.16
Black	EA	225-6068	$4.11
Orange	EA	420-2575	$4.16
Pink	EA	420-2579	$4.16
Purple	EA	420-2578	$4.16

Metal Dust Pan

Made of heavy-gauge steel, this dust pan is extremely durable. 12″ wide. Black. 12/case.

CARLISLE
SANITARY MAINTENANCE PRODUCTS

Unit	Stock #	PRICE
EA	225-6070	$8.07

VIKAN Hygienic Dust Pan

This hygienic dust pan makes quick work of clean-up. One piece injection molded polypropylene construction. Raised handle design with thumb grip. Made from FDA-compliant materials. 13″L x 11-1/2″W x 4″H.

Color	Unit	Stock #	PRICE
White	EA	690-2050	$14.42
Red	EA	690-2051	$14.42
Yellow	EA	690-7005	$14.42
Blue	EA	690-2053	$14.42
Green	EA	690-2054	$14.42
Black	EA	690-2830	$14.42
Orange	EA	690-2821	$14.42
Pink	EA	690-2749	$14.42
Purple	EA	690-2818	$14.42

Color-Coded Lobby Dustpans can be found in our Color-Coded insert.

Call Customer Service at 800-826-8302

HANDLES

Handle Selection Guide

No one stocks a wider selection of handles for the food industry than Nelson-Jameson...which assures that you'll get the right handle for your job.

- **Tapered Tip:** Most squeegees and some brooms require a tapered tip handle.
- **Threaded Tip:** Most brushes and brooms require a threaded tip handle (standard thread).
- **Flo-Thru Tip:** Tip with threads on a hollow handle delivers water to special brush heads.
- **Stud Tip:** Metal stud tip handles fit adjustable angle tank brushes only.

We offer handles from 36″ to 20′. However, the most popular are 54″ to 60″. Telescoping handles safely extend your reach.

Aluminum Handles

Strong and lightweight like stainless steel, but at a more economical price. Standard thread nylon tip.

Tip Material	Size	Diameter	Color	Unit	Stock #	PRICE
Nylon	57" OAL	1"	Gray	EA	440-2830	$18.85
Telescoping Handles						
Nylon	41" - 96″ OAL	1"	Gray	EA	618-6444	$43.23
Nylon	57" - 144″ OAL	1"	Gray	EA	618-6445	$49.63
Nylon	79" - 216″ OAL	1"	Gray	EA	618-6446	$67.17
Nylon	87" - 240″ OAL	1"	Gray	EA	618-6447	$66.82

Plastic Handles

Easy-to-clean and can't absorb bacteria-laden dirt and moisture. Will bend or flex more than other styles of handles. Stud tip for use with adjustable tank brushes only. Hang cap for easy storage. 12/case.

Tip Material	Length	Diameter	Color	Unit	Stock #	PRICE
Tapered						
Self Material	60″	1″	White	EA	618-7189	$15.31
Threaded						
Self Material	36"	1"	White	EA	618-6004	$12.20
Self Material	48"	1"	White	EA	618-6005	$14.61
Self Material	54"	1"	White	EA	618-6430	$15.10
Self Material	60"	1"	White	EA	618-6431	$16.43
Stud						
Metal	60"	1"	White	EA	618-7056	$20.99

CARLISLE
SANITARY MAINTENANCE PRODUCTS

Wooden Handles

Most economical handle, however the USDA says you don't want a wood handle in or around processing areas. Good choice for use outside, shop or warehouse applications. Natural. 15/16″ diameter. 12/case.

Tip Material	Unit	Stock #	PRICE
54″ Tapered			
Self Material	EA	618-7473	$4.80
60″ Standard Thread			
Self Material	EA	440-2834	$4.23
Nylon	EA	618-6018	$6.34
Metal	EA	618-7224	$4.79

Flo-Pac® Stainless Steel Handle

CARLISLE
SANITARY MAINTENANCE PRODUCTS

Heavy-duty stainless steel handle is virtually indestructible. Highly chemical resistant for use in a variety of applications. 1″ diameter threaded tip. 12/case.

Tip Material	Length	Unit	Stock #	PRICE
Self	60″	EA	618-7227	$59.48

Prices subject to change.

Solid Filled Fiberglass Handles

Six times stronger than stainless steel handles and weighs only slightly more than the standard fiberglass handles. No areas inside for bacteria to grow, unlike standard hollow handles. Black cap (pictured) to keep separate from standard handles. 1″ diameter. 60″ OAL. Standard nylon threaded tip. 12/case.

Color	Unit	Stock #	PRICE
White	EA	046-6116	$64.66
Red	EA	046-6112	$64.66
Yellow	EA	046-6110	$64.66
Blue	EA	046-6114	$64.66
Green	EA	046-6118	$64.66
Brown	EA	046-6120	$64.66
Black	EA	046-6122	$64.66
Orange	EA	046-6124	$64.66
Purple	EA	046-6126	$64.66

Handle Accessories

Description	For Handle	Unit	Stock #	PRICE
White hanger end	1" dia fiberglass	EA	552-6861	$3.04
Threaded tip	1" dia fiberglass	EA	552-6860	$2.09
Plastic tapered tip adapter	Any threaded	EA	420-2905	$4.48
Black swivel cap hanger	1" dia fiberglass	EA	552-6862	$2.40

Fiberglass Handles

Easy to clean and can't absorb bacteria-laden dirt and moisture. Offers the same sanitary features as plastic, but more rigid. Color-coded handles available to ensure proper brush segregation. 1″ diameter. 12/case.

Length	Color	Unit	Stock #	PRICE
Threaded/Tapered-Nylon Tip				
60"	White	EA	618-6417	$15.41
60"	Red	EA	618-6823	$15.41
60"	Yellow	EA	618-6910	$15.41
60"	Blue	EA	618-6720	$15.41
60"	Green	EA	618-6312	$15.41
60"	Brown	EA	618-6211	$15.41
60"	Tan	EA	618-6424	$15.41
60″	Black	EA	618-6167	$15.41
Standard Threaded-Nylon Tip				
36"	White	EA	618-6418	$9.59
48″	White	EA	618-6419	$9.30
48″	Red	EA	618-6410	$9.30
48″	Yellow	EA	618-6411	$9.30
48″	Blue	EA	618-6412	$9.30
48″	Green	EA	618-6413	$9.30
48″	Brown	EA	618-7186	$9.30
48″	Tan	EA	618-6414	$9.52
48″	Black	EA	618-6489	$9.30
60"	White	EA	618-6002	$11.37
60"	Red	EA	618-6818	$11.37
60"	Yellow	EA	618-6918	$11.37

Length	Color	Unit	Stock #	PRICE
60"	Blue	EA	618-6724	$11.37
60"	Green	EA	618-6313	$11.37
60"	Brown	EA	618-6212	$11.37
60"	Tan	EA	618-7116	$11.37
60″	Black	EA	618-6169	$11.37
60″	Orange	EA	618-6589	$11.37
60″	Purple	EA	618-6176	$11.37
72″	White	EA	618-7423	$18.40
Telescoping - Threaded Nylon Tip				
5′ to 8′	White	EA	618-6415	$29.56
5′ to 8′	Red	EA	618-6808	$29.56
5′ to 8′	Yellow	EA	618-6908	$29.56
5′ to 8′	Blue	EA	618-6722	$29.56
5′ to 8′	Green	EA	618-6311	$29.56
5′ to 8′	Brown	EA	618-6210	$29.56

Euro-Thread Handles can be found on the next page...

Call Customer Service at 800-826-8302

HANDLES

VIKAN Euro-Thread Handles

Use with VIKAN squeegees, brushes, brooms, scrubs, and scrapers. All available with a color-coded ergonomic sleeve for easy identification. Aluminum handles also offered with a color hang cap instead of a sleeve.

Color	Length	Unit	Stock #	PRICE
6-1/2" Long - Plastic				
White	6½"	EA	690-2265	$7.58
Red	6½"	EA	690-2865	$7.58
Yellow	6½"	EA	690-2965	$7.58
Blue	6½"	EA	690-2765	$7.58
Green	6½"	EA	690-2365	$7.58
26" Long - Aluminum				
White	26"	EA	690-7009	$13.13
Red	26"	EA	690-2208	$13.13
Yellow	26"	EA	690-2226	$13.13
Blue	26"	EA	690-2227	$13.13
Green	26"	EA	690-2207	$13.13
39-1/2" Long - Stainless Steel				
White	39½"	EA	690-2215	$81.27
Red	39½"	EA	690-2209	$81.27
Yellow	39½"	EA	690-2221	$81.27
Blue	39½"	EA	690-2266	$81.27
Green	39½"	EA	690-2267	$81.27
51" Long - Fiberglass				
White	51"	EA	690-2275	$26.97
Red	51"	EA	690-7020	$26.97
Yellow	51"	EA	690-2274	$26.97
Blue	51"	EA	690-2273	$26.97
Green	51"	EA	690-2272	$26.97
Black	51"	EA	690-2276	$26.97
51" Long - Aluminum				
White	51"	EA	690-2201	$22.20
Red	51"	EA	690-7062	$22.20
Yellow	51"	EA	690-7049	$22.20
Blue	51"	EA	690-2191	$22.20
Green	51"	EA	690-2192	$22.20
Black	51"	EA	690-7236	$22.20
Orange	51"	EA	690-7230	$22.20
Pink	51"	EA	690-2733	$22.20
Purple	51"	EA	690-7240	$22.20
52" Long - Aluminum (Colored Hang Cap)				
White	52"	EA	690-3360	$10.34
Red	52"	EA	690-3361	$10.34
Yellow	52"	EA	690-3362	$10.34
Blue	52"	EA	690-3363	$10.34
Green	52"	EA	690-3364	$10.34
Black	52"	EA	690-3365	$10.34
Orange	52"	EA	690-3366	$10.34
Purple	52"	EA	690-3368	$10.34
59" Long - Fiberglass				
White	59"	EA	690-2259	$30.01
Red	59"	EA	690-2859	$30.01

Color	Length	Unit	Stock #	PRICE
59" Long - Fiberglass				
White	59"	EA	690-2259	$30.01
Red	59"	EA	690-2859	$30.01
Yellow	59"	EA	690-2959	$30.01
Blue	59"	EA	690-2759	$30.01
Green	59"	EA	690-2359	$30.01
Black	59"	EA	690-7274	$30.01
Orange	59"	EA	690-7273	$30.01
Pink	59"	EA	690-2735	$30.01
Purple	59"	EA	690-2559	$30.01
59" Long - Aluminum (Colored Hang Cap)				
White	59"	EA	690-2262	$23.77
Red	59"	EA	690-2261	$23.77
Yellow	59"	EA	690-2256	$23.77
Blue	59"	EA	690-2260	$23.77
Green	59"	EA	690-2258	$23.77
Black	59"	EA	690-2202	$23.77
Orange	59"	EA	690-2264	$23.77
Pink	59"	EA	690-2734	$23.77
Purple	59"	EA	690-2255	$23.77
59" Long - Aluminum (Without Sleeve)				
White	59"	EA	690-3370	$10.28
Red	59"	EA	690-3371	$10.28
Yellow	59"	EA	690-3372	$10.28
Blue	59"	EA	690-3373	$10.28
Green	59"	EA	690-3374	$10.28
Orange	59"	EA	690-3376	$10.28
Purple	59"	EA	690-3378	$10.28
60" Long - Stainless Steel				
White	60"	EA	690-2244	$103.04
Red	60"	EA	690-2243	$103.04
Yellow	60"	EA	690-2245	$103.04
Blue	60"	EA	690-2242	$103.04
Green	60"	EA	690-2241	$103.04
67" Long - Fiberglass				
White	67"	EA	690-2230	$36.48
Red	67"	EA	690-2251	$36.48
Yellow	67"	EA	690-2253	$36.48
Blue	67"	EA	690-3350	$36.48
Green	67"	EA	690-2252	$36.48
Extension Handles - Aluminum				
White	64" - 115" (5'4" - 9'7")	EA	690-2203	$51.44
Red	64" - 115" (5'4" - 9'7")	EA	690-2211	$51.44
Yellow	64" - 115" (5'4" - 9'7")	EA	690-2210	$51.44
Blue	64" - 115" (5'4" - 9'7")	EA	690-2218	$51.44
Green	64" - 115" (5'4" - 9'7")	EA	690-2219	$51.44
Black	64" - 115" (5'4" - 9'7")	EA	690-7145	$51.44
Extension Handles - Fiberglass				
White	101" - 189" (8'5" - 15'9")	EA	690-7021	$60.94
Gray	86" - 221" (7'2" - 18'5")	EA	690-7026	$329.29

Prices subject to change.

HANDLES

VIKAN Ultra Hygiene Polypropylene Euro-Thread Handle

Food-grade polypropylene Euro-thread handle with a hygienic design, minimizes the risk of cross-contamination and makes it easy to clean and maintain. Ergonomically designed grip has been optimized to be comfortable during use. Chemically resistant polypropylene ensures that it can be safely used in a variety of environments. Use with any REMCO or VIKAN squeegee, brush, broom, scrub or scraper. 10/case.

Color	Unit	Stock #	PRICE
51" Ultra Hygiene Handle			
White	EA	690-7283	$23.58
Red	EA	690-7282	$23.58
Yellow	EA	690-7284	$23.58
Blue	EA	690-7281	$23.58
Green	EA	690-7280	$23.58
Black	EA	690-7287	$23.58
Orange	EA	690-7285	$23.58
Pink	EA	690-7301	$23.58
Purple	EA	690-7286	$23.58
59" Ultra Hygiene Handle			
White	EA	690-7291	$26.26
Red	EA	690-7290	$26.26
Yellow	EA	690-7292	$26.26
Blue	EA	690-7289	$26.26
Green	EA	690-7288	$26.26
Black	EA	690-7295	$26.26
Orange	EA	690-7293	$26.26
Pink	EA	690-7302	$26.26
Purple	EA	690-7294	$26.26

Color	Unit	Stock #	PRICE
67" Ultra Hygiene Handle			
White	EA	690-7299	$31.91
Red	EA	690-7298	$31.91
Yellow	EA	690-7300	$31.91
Blue	EA	690-7297	$31.91
Green	EA	690-7296	$31.91

VIKAN Threaded Handle Adapter

This adapter allows REMCO and VIKAN hygienic Euro threaded handles to connect to standard threaded products. Made of FDA compliant polypropylene material. Euro female thread to standard male thread.

Color	Material	Size	Unit	Stock #	PRICE
White	Polypropylene	3.4"L x 2.4"W	EA	690-7245	$5.28

CHOOSE THE HANDLE THAT BEST FITS THE APPLICATION

Ultra Hygiene - Composed solely of FDA compliant polypropylene, this handle is uniquely hygienic and durable in its construction. It also boasts the added benefit of coming in total color, making it an excellent choice for inclusion in a color-coding system.

Aluminum - Aluminum handles are a good option in any hygiene sensitive environment. Aluminum provides a cost effective and reliable solution to a facility's needs.

Stainless Steel - Stainless steel handles can hold up to the most aggressive chemicals, making them a great choice for environments where chemical resistance is critical.

Fiberglass - Fiberglass handles are a total color alternative when hygiene is not most critical.

Call Customer Service at 800-826-8302

BRUSH & BROOM STORAGE

Steel Brush Racks

Heavy-duty steel brush rack is PVC coated to resist rust in wet environments. Impervious to most cleaning chemicals. PVC coating is color-coded to indicate at a glance the correct color brushes to be stored on this rack. Hooks are 2.5"L. Designed to keep brushes 1" off wall.

Color	Unit	Stock #	PRICE
10-1/4" Long-6 Hooks			
White	EA	081-6100	$39.86
Red	EA	081-6102	$39.86
Yellow	EA	081-6101	$39.86
Blue	EA	081-6104	$39.86
Green	EA	081-6103	$39.86
Gray	EA	081-6110	$39.86
Brown	EA	081-6106	$39.86
Black	EA	081-6105	$39.86
Orange	EA	081-6108	$39.86
Pink	EA	081-6107	$39.86
Purple	EA	081-6109	$39.86
17-5/8" Long-5 Hooks			
White	EA	081-6030	$24.50
Red	EA	081-6032	$24.50
Yellow	EA	081-6031	$24.50
Blue	EA	081-6034	$24.50
Green	EA	081-6033	$24.50
Gray	EA	081-6060	$24.50
Brown	EA	081-6036	$24.50
Black	EA	081-6035	$24.50
Orange	EA	081-6038	$24.50
Pink	EA	081-6037	$24.50
Purple	EA	081-6039	$24.50
26" Long-12 Hooks			
White	EA	081-6040	$52.86
Red	EA	081-6042	$52.86
Yellow	EA	081-6041	$52.86
Blue	EA	081-6044	$52.86
Green	EA	081-6043	$52.86
Gray	EA	081-6080	$52.86
Brown	EA	081-6046	$52.86
Black	EA	081-6045	$52.86
Orange	EA	081-6048	$52.86
Pink	EA	081-6047	$52.86
Purple	EA	081-6049	$52.86
36" Long-16 Hooks			
White	EA	081-6050	$65.52
Red	EA	081-6052	$65.52
Yellow	EA	081-6051	$65.52
Blue	EA	081-6054	$65.52
Green	EA	081-6053	$65.52
Gray	EA	081-6090	$65.52
Brown	EA	081-6056	$65.52
Black	EA	081-6055	$65.52
Orange	EA	081-6058	$65.52
Pink	EA	081-6057	$65.52
Purple	EA	081-6059	$65.52

Stainless Steel Brush Racks

Organize your brushes and tools on these stainless steel brush racks. Hooks are 2.5"L. Designed to keep product 1" off of the wall.
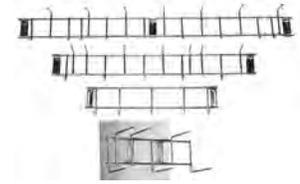
Size	Hooks	Unit	Stock #	PRICE
10¼" L	6	EA	081-6111	$99.41
17⅝" L	5	EA	081-6065	$82.84
26" L	12	EA	081-6070	$132.18
36" L	16	EA	081-6075	$163.79

Sparta® Spectrum® Color-Coded Brush Racks

Don't store your brushes where they can become matted or lost. Hang them on a rack in their color-coded zone to maintain bristles for cleaning effectively. Peg-type racks are made from heavy gauge anodized aluminum with solid aluminum pegs. Offset design and peg angle help keep brushes away from wall. Holes are 16" on center to fit standard wall studs. Screws included for mounting on brick or concrete. 17" overall length. 12/case.

Mfg Part #	Color	Unit	Stock #	PRICE
4073505	Red	EA	618-6888	$14.20
4073500	Aluminum	EA	618-6091	$14.20
4073504	Yellow	EA	618-6956	$14.20
4073509	Green	EA	618-6375	$14.20
4073514	Blue	EA	618-6794	$14.20
4073503	Black	EA	618-6092	$14.18

VIKAN Wall Bracket System

Now brushes without hanging holes can be properly stored when using this unique holder system. Brushes and handles of various sizes snap right between the rubberized brackets. One piece unit includes screws, wall anchors and mounting instructions.

Color	Unit	Stock #	PRICE
White	EA	690-2480	$23.68
Red	EA	690-2481	$23.68
Yellow	EA	690-2482	$23.68
Blue	EA	690-2483	$23.68
Green	EA	690-2484	$23.68
Black	EA	690-2485	$23.68
Orange	EA	690-2405	$23.68
Purple	EA	690-2492	$23.68

Prices subject to change.

BRUSH & BROOM STORAGE

VIKAN Wall Brackets with Clips and Hooks

Versatile wall bracket systems adjusts to any color-coded system with moveable rubber clips and hooks. Rubber clips hold REMCO or Vikan handles, brushes and other tools without hanging holes firmly in place. Extend the length of the bracket system by mounting multiple brackets adjacent to each other. Made from FDA-compliant materials. Small brackets include one rubber clip and two hooks. Large brackets include four rubber clips and two side hooks. Replacement hooks and clips available.

Color	Unit	Stock #	PRICE
Small - 3.15"W x 6.15"L x 2.35"H			
White	EA	690-2373	$23.40
Red	EA	690-2372	$23.40
Yellow	EA	690-2374	$23.40
Blue	EA	690-2371	$23.40
Green	EA	690-2370	$23.40
Black	EA	690-2377	$23.40
Orange	EA	690-2375	$23.40
Pink	EA	690-2730	$23.40
Purple	EA	690-2376	$23.40
Large - 3.15"W x 15.5"L x 2.35"H			
White	EA	690-2293	$37.63
Red	EA	690-2292	$37.63
Yellow	EA	690-2294	$37.63
Blue	EA	690-2291	$37.63
Green	EA	690-2290	$37.63
Black	EA	690-2297	$37.63
Orange	EA	690-2295	$37.63
Pink	EA	690-2731	$37.63
Purple	EA	690-2296	$37.63

Roll 'n Grip™ Broom & Brush Holder System

Keep your brooms and brushes from leaning awkwardly against walls. With this system, brooms and brushes hang neatly for proper storage and air drying. Made of rust-free nylon with no springs to break or rubber fingers to wear out. Individually mount the Brush Holders and Hooks or use the Mounting Bar designed with anchor holes 16″ on center for attachment to studs, drywall, etc. Choose the entire system, or purchase individual parts to suit your specific brush and broom requirements.

Mfg Part #	Description	Unit	Stock #	PRICE
4073100	Broom and Brush Holder System: 3 holders, 18" mounting bar	EA	618-6220	$26.94
4073200	Broom and Brush Holders, 2 per bag	BG	618-6221	$11.73
4073300	Broom and Brush Hooks, 2 per bag	BG	618-6223	$5.35

Rubbermaid High Capacity Janitor Cart

Find a solution to your high capacity storage and tool organization needs with a flexible 5 cubic feet of storage space. Lock 'N Go bucket attachment with innovative locking system that keeps a Microfiber Q920 Pedal Wring Bucket or WaveBrake® 7680 & 7677 Bucket securely attached (sold separately). 49-1/2″L x 22″W x 44″H. Black. Additional features:

- Rubber Tool Holders, 4 in front and 1 in back.
- Two removable 10-qt 6-Bottle Caddies.
- Non-rusting and easy cleaning aluminum and structural web plastic construction.
- Comfort Grip cart handles.
- Lobby Dust Pan/Vacuum Holder.
- 4 Safety sign holders.
- 4″ Casters & 8″ Wheels.
- Ability to mount a Brute® container for even higher capacity waste collection.

Description	Unit	Stock #	PRICE
Cart	EA	440-2748	$368.58
Replacement Accessories			
Vinyl Bag	EA	440-2749	$56.23
10-qt Disinfecting Caddy	EA	440-2753	$18.03

Call Customer Service at 800-826-8302

MICROFIBER CLEANING

Microfiber Products

Why Microfiber?

Microfiber products can save you significant time, money, and labor compared to traditional cleaning tools. Whether your cleaning tasks call for mopping, dusting, washing, or polishing - your work will be easier, faster and simply better using this truly superior longwearing professional equipment.

- Unique ultra-fine filament combined with exclusive Polyester/Polyamide Nylon blend cleans better and lasts longer than other microfibers; still provides effective cleaning after more than 500 uses (use & launder).
- Exceptionally tough material is also extremely gentle, non-abrasive, hypo-allergenic and completely lint free.
- Remove up to 400% more dirt, dust and grime with a single pass.
- Significantly reduce chemical usage.
- Long product life could save you as much as 60% per year over the cost of traditional alternatives.

The superior cleaning action of Microfiber material ensures more thorough removal of microbial contaminant's from hard non-porous surfaces with less risk of transference, even when just rinsing with clean water. Wet floor mops have a unique microfiber fill instead of foam. They dry faster and more thoroughly than common rags and rag mops - reducing the potential for bacterial, mold, and mildew growth inside the very tools you are supposed to be cleaning with. Use to thoroughly wash walls, ceilings and other vertical or hard-to-reach surfaces.

Microfiber Dry Mops

Polish as you dust with a microfiber dry mop. Unique design polishes hardwood, marble, terrazzo and other smooth surfaces as you dust. Ribbed center mat attracts and holds dust like a magnet. Large looped fringe keeps dust from flying, grabs larger particles and debris. Use with microfiber mop heads. Blue.
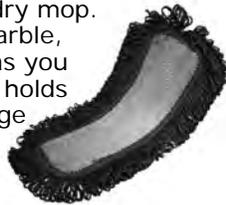
Size	Unit	Stock #	PRICE
18"	EA	245-6118	$6.40
24"	EA	245-6124	$8.30
36"	EA	245-6136	$10.30

Microfiber Wet Mops

Use to clean floors, walls, ceilings and more. Special looped-end fibers glide over floors for easier mopping without linting. Microfiber fill instead of foam for faster and more thorough drying compared to rags and the common mop - reducing the potential for bacterial, mold and mildew growth inside the very tools you are supposed to be cleaning with. Can also be used for dry mopping and dusting. Use with microfiber mop heads (sold separately).

Color	Unit	Stock #	PRICE
12" Pad			
White	EA	245-6110	$2.67
Yellow	EA	245-6112	$2.67
Blue	EA	245-6114	$2.67
18" Pad			
Red	EA	245-6501	$4.88
Yellow	EA	245-6506	$4.88
Blue	EA	245-6503	$4.88
Green	EA	245-6502	$4.88
Black	EA	245-6500	$4.88
24" Pad			
Red	EA	142-6515	$6.63
Yellow	EA	142-6510	$6.63
Blue	EA	245-6504	$6.63

Microfiber Mop Heads and Handle

Use with wet or dry microfiber mops. The lightweight aluminum mop heads have replaceable Velcro strips. Deluxe heavy-duty plastic frames are built to withstand the toughest of environments. The contour frame is made of flexible material to easily clean curved equipment surfaces, corners, and more. All frames accept the aluminum handle which telescopes from 38" to 71". Mops, heads and handles sold separately.

Size	Unit	Stock #	PRICE
Aluminum Mop Heads			
16"	EA	245-6618	$8.70
22"	EA	245-6624	$10.30
33"	EA	245-6636	$11.50
Deluxe Heavy-Duty Plastic Mop Heads			
9"	EA	245-6619	$10.33
18"	EA	245-6628	$20.42
Contour Flexible Mop Head			
9"	EA	245-6609	$16.25
Handle			
38" - 71"	EA	245-6650	$8.50

Microfiber Mop Pail

Perfect to use with Microfiber Wet Mops! Roll mops and place in bucket with cleaning solution. 6-gallon capacity. Includes lid and casters. 20"L x 10-1/2"W x 10-1/2"H. Gray.

Unit	Stock #	PRICE
EA	245-6100	$30.00

Prices subject to change.

Microfiber Cleaning and Polishing Cloths

Keep surfaces gleaming without sprays and chemicals! Super-tough terry cleaning cloths work better and last longer than cotton rags. Microfiber loops hold dirt and grease - won't redeposit; rinse clean and dry fast. Available in a variety of colors for HACCP programs.

Color	Unit	Stock #	PRICE
Microfiber Suede Polishing Cloth - 15" x 15"			
Blue	EA	245-6505	$1.38
Microfiber Terry Cleaning Cloth - 16" x 16"			
White	EA	245-6604	$0.96
Red	EA	245-6601	$0.96
Yellow	EA	245-6600	$0.96
Blue	EA	245-6603	$0.96
Green	EA	245-6602	$0.96
Black	EA	245-6606	$0.96
Orange	EA	245-6605	$0.96

Rubbermaid® HYGEN™ Disposable Microfiber Cloths and Pads

Features innovative technology that offers optimal infection prevention, superior cleaning performance and improved productivity. The Rubbermaid HYGEN disposable microfiber system is the only disposable product line proven to remove 99.9% of microbes to stop the chain of infection. Provides streak-free cleaning of mirrors, glass and stainless steel. 50% more surface coverage than traditional disposable products. Sanitizer and bleach safe scrubbing strips built in to effectively remove dirt without smearing.

Mfg Part #	Description	Unit	Stock #	PRICE
1822350	Starter kit - includes 1 charging tub and 160 cloths	KT	440-7242	$41.92
1822351	Charging tub only - 4/case	CA	440-7243	$38.63
1822352	18" L Floor pad - 150/case	CA	440-7244	$154.53

Knuckle Buster Disposable Microfiber Wet Mop

Designed for large spills or expansive cleaning, this 10-oz disposable microfiber wet mop is light weight and extremely absorbent. White with green stripe. 1" band.

Unit	Stock #	PRICE
EA	245-6000	$2.00

Call Customer Service at 800-826-8302

DUST MOPS

Color-Coded Cotton Dust Mop

Great mop for dust control in industrial applications. Comes prelaundered and ready to use. Key-slot style with ties. Easily launderable. 12/case.

Color	Unit	Stock #	PRICE
18″			
White	EA	612-3500	$7.63
24″			
White	EA	612-4500	$8.63
Red	EA	612-4505	$9.12
Yellow	EA	612-4510	$9.12
Blue	EA	612-4515	$9.12
Green	EA	612-4520	$9.12
Orange	EA	612-4525	$9.12
36″			
White	EA	612-5500	$11.32
Red	EA	612-5505	$11.97
Yellow	EA	612-5510	$11.97
Blue	EA	612-5515	$11.97
Green	EA	612-5520	$11.97
Orange	EA	612-5525	$11.97
48″			
White	EA	612-6500	$14.86
Red	EA	612-6505	$16.04
Yellow	EA	612-6510	$16.04
Blue	EA	612-6515	$16.04
Green	EA	612-6520	$16.04
Orange	EA	612-6525	$16.04

Pretreated Cut-End Disposable Dust Mops

Pretreated yarn provides increased dust pick-up which saves time and labor. High strength backing for long wear. Natural color. 12/case.

Size	Unit	Stock #	PRICE
24″	EA	612-6624	$5.23
36″	EA	612-6636	$7.27
48″	EA	612-6648	$9.81

Pretreated Disposable Dust Mop in a Box

With this continuous 40′ roll, you'll save money and increase productivity. Simply cut a fresh length whenever your mop needs changing. You'll save the time and cost of laundering and never have to stock multiple mop sizes again. High strength woven backing provides long wear while pretreated yarn provides greater performance. Fits any standard 5″W dust mop frame. Natural.

Unit	Stock #	PRICE
EA	612-6600	$77.48

Wire Dust Mop Frames

Heavy-duty 1-1/4″ steel rod frames for durable performance. Resists rusting. Handle not included. Order Snap-On Dust Mop Handle separately. 12/case.
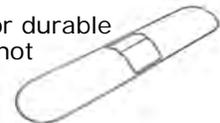
Size	Unit	Stock #	PRICE
5" x 18"	EA	612-1018	$3.94
5" x 24"	EA	612-1024	$4.25
5" x 36"	EA	612-1036	$5.45
5″ x 48″	EA	612-1048	$6.72

60″ Dust Mop Handle

Color-Coded

CARLISLE

Expand your color-coding to include this 60″ fiberglass dust mop handle available in eight colors! Easily and securely attaches to dust mop frames. Sliding collar locks handle into position allowing for 360° action. Hang cap allows for easy storing. Dust mop frame sold separately.

Color	Unit	Stock #	PRICE
White	EA	618-7083	$14.80
Red	EA	618-7081	$14.80
Yellow	EA	618-7084	$14.80
Blue	EA	618-7080	$14.80
Green	EA	618-7082	$14.80
Black	EA	618-7085	$14.80
Orange	EA	618-7086	$14.80
Purple	EA	618-7087	$14.80

Prices subject to change.

WET MOP BASICS

YARN VARIETIES

Cotton: Good absorption & retention with limited shrinkage and a low initial cost. "Break-in" period required to remove natural oil and gain full absorbency of mop. Slow drying yarn promotes mildew and deterioration. Lints.

Rayon: Absorbs quickly with easy release, however has low water retention making it less effective for general cleaning.. Dries fast and is mildew-resistant. Cleaner yarn with less linting. Used primarily in special applications such as floor finishing.

Cotton/Synthetic Blend: Combines high performance with long product life. Cotton fibers provide high water absorption and retention for effective floor drying. Synthetic fibers provide maximum water pick-up and strength for increase product life. No "break-in" required.

CUT-END VS. LOOP-END MOPS

Cut-End: Most popular, lower purchase prices and perceived to be more economical. But because cut-end mops cannot be laundered they are often thrown away before their lifespan is complete, making their ultimate cost higher. Fray and unravel with use and have a tendency to leave behind loose strands and lint.

Loop-End: Outlast cut-end mops 8 to 1. Offer more superior performance and last longer than cut-end style mops. Prevent fraying and unraveling resulting in reduced labor costs and lower replacement cost.

Color-Coded Blended Cut-End Wet Mops

These color-coded cotton/synthetic blend mops combine high performance with long product life. Cotton fibers provide high water absorption and retention for effective floor drying. Not launderable. Mop handle sold separately. 12/case.

Mop Color	Unit	Stock #	PRICE
Narrow 1.25" Band			
Medium - #20			
White	EA	612-1710	$5.92
Red	EA	612-1715	$6.26
Yellow	EA	612-1720	$6.26
Blue	EA	612-1725	$6.26
Green	EA	612-1730	$6.26
Orange	EA	612-1735	$6.26
Large - #24			
White	EA	612-1810	$7.11
Red	EA	612-1815	$7.11
Yellow	EA	612-1820	$7.11
Blue	EA	612-1825	$7.11
Green	EA	612-1830	$7.11
Orange	EA	612-1835	$7.11
X-Large - #32			
White	EA	612-1910	$8.20
Red	EA	612-1915	$8.20
Yellow	EA	612-1920	$8.20
Blue	EA	612-1925	$8.20
Green	EA	612-1930	$8.20
Orange	EA	612-1935	$8.20

Mop Color	Unit	Stock #	PRICE
Wide 5" Band			
Medium - #20			
White	EA	612-2710	$6.64
Red	EA	612-2715	$6.98
Yellow	EA	612-2720	$6.98
Blue	EA	612-2725	$7.57
Green	EA	612-2730	$6.98
Orange	EA	612-2735	$6.98
Large - #24			
White	EA	612-2810	$7.82
Red	EA	612-2815	$8.24
Yellow	EA	612-2820	$8.24
Blue	EA	612-2825	$8.24
Green	EA	612-2830	$8.24
Orange	EA	612-2835	$8.36
X-Large - #32			
White	EA	612-2910	$8.92
Red	EA	612-2915	$9.26
Yellow	EA	612-2920	$9.26
Blue	EA	612-2925	$9.26
Green	EA	612-2930	$9.26
Orange	EA	612-2935	$9.26

Call Customer Service at 800-826-8302

WET MOPS

Cotton Cut-End Wet Mops

4-ply cotton, cut-end mops are perfect for general floor maintenance. Economical cotton means high absorbency for the best cleaning mop. The headband is sewn firmly to the yarn reducing the chance of strings coming off, littering floors and clogging drains. Available with 1-1/4" or 5" headbands. Poly bagged. Natural. Not launderable. Mop handle sold separately. Natural. 12/case.

Description	Unit	Stock #	PRICE
1-1/4" Band			
Small - #16	EA	612-1200	$3.18
Medium - #20	EA	612-1205	$3.89
Large - #24	EA	612-1210	$4.71
X-Large - #32	EA	612-1215	$5.40
5" Band			
Small - #16	EA	612-2200	$3.87
Medium - #20	EA	612-2205	$4.56
Large - #24	EA	612-2210	$5.39
X-Large - #32	EA	612-2215	$6.08

4-Ply Rayon Cut-End Finish Mops

Generally considered a finishing or wax application mop, some processors prefer rayon as a cleaning mop because it sheds dirt and grime easily. Though they won't absorb as much as cotton, rayon mops stay cleaner and more sanitary. The mesh 1-1/4" headband allows the mop to dry thoroughly, helping reduce rot and mildew. Poly bagged. White. Not launderable. Mop handle sold separately. White. 12/case.

Description	Unit	Stock #	PRICE
1-1/4" Band			
Medium - #20	EA	612-6720	$5.41
Large - #24	EA	612-6724	$6.40
X-Large - #32	EA	612-6732	$7.40

Color-Coded Blended Looped-End Wet Mops

Looped-end mops provide superior performance & last longer than cut-end style mops. They outlast cut-end mops 8 to 1. 4-ply cotton/rayon blended yarn combines high performance with long product life. Looped-end prevents fraying & unraveling resulting in reduced labor costs. Single woven tailband provides wide surface span and even coverage. Not launderable. 12/case.

Color	Unit	Stock #	PRICE
Narrow 1.25" Band			
Medium			
White	EA	612-2000	$6.63
Red	EA	612-2001	$7.15
Yellow	EA	612-2002	$7.15
Blue	EA	612-2003	$7.15
Green	EA	612-2004	$7.15
Orange	EA	612-2005	$7.15
Large			
White	EA	612-2100	$8.00
Red	EA	612-2101	$9.26
Yellow	EA	612-2102	$9.26
Blue	EA	612-2103	$9.26
Green	EA	612-2104	$9.26
Orange	EA	612-2105	$9.26
Wide 5" Band			
Medium			
White	EA	612-2500	$7.36
Red	EA	612-2501	$7.86
Yellow	EA	612-2502	$7.86
Blue	EA	612-2503	$7.86
Green	EA	612-2504	$7.86
Orange	EA	612-2505	$7.86
Large			
White	EA	612-2600	$8.72
Red	EA	612-2601	$9.23
Yellow	EA	612-2602	$9.23
Blue	EA	612-2603	$9.23
Green	EA	612-2604	$9.23
Orange	EA	612-2605	$9.23

See our Color-Coded insert for additional handle options...

Prices subject to change.

WET MOPS

Wet Mop Handle

Quick-Release™ mop handles minimize contamination because your hands never touch the dirty mop. All fiberglass and plastic construction so they won't rust. Use with any size mop head band. Hang cap for easy storage. 12/case.

Color-Coded

CARLISLE SANITARY MAINTENANCE PRODUCTS

Color	Unit	Stock #	PRICE
White	EA	618-6037	$15.59
Red	EA	618-6837	$15.59
Yellow	EA	618-6937	$15.59
Blue	EA	618-6737	$15.59
Green	EA	618-6337	$15.59
Brown	EA	618-6607	$14.73
Black	EA	618-6217	$15.59
Orange	EA	618-6517	$15.59
Purple	EA	618-6917	$15.59

Jaw Style Wet Mop Handles

Color-Coded

CARLISLE SANITARY MAINTENANCE PRODUCTS

Securely hold wet mop in place for effective cleaning. Use with 5″ wide band mops only. 60″ fiberglass handle with plastic head. Hang cap for easy storage. 12/case.

Color	Unit	Stock #	PRICE
White	EA	618-7089	$14.81
Red	EA	618-7068	$14.81
Yellow	EA	618-7092	$14.81
Blue	EA	618-7066	$14.81
Green	EA	618-7073	$14.81
Black	EA	618-7093	$14.81
Orange	EA	618-7095	$14.81
Purple	EA	618-7098	$14.81

MOPPING ACCESSORIES

Rubbermaid® "Caution" Floor Signs

These attention-getting signs won't rust, chip, peel, fade, or dent. Yellow with black lettering. Reads "Caution" in English, French, German, and Spanish. #440-7040 has message imprinted in English only. 6/case.

Mfg Part#	Description	Height When Open	Unit	Stock #	PRICE
6112	"Caution" floor sign, 2-sided	25″	EA	440-2741	$17.64
6114	"Caution" floor sign, 4-sided	37″	EA	440-2742	$44.60
6112-77	"Caution Wet Floor", 2-sided	25″	EA	440-7040	$17.64

Rubbermaid®
Commercial Products

Economy Wet Floor Signs

Two-sided sign made of economical polypropylene. Specially contoured feet minimize contact with floor and floor finishes. Reads "Caution Wet Floor" in English, Spanish, and German. 25″H x 11″W. Yellow.

Unit	Stock #	PRICE
EA	618-6145	$12.78

CARLISLE SANITARY MAINTENANCE PRODUCTS

Hurricone™ Floor Dryer

The Hurricone aids in floor drying with a continuous flow of air in 360° and up to 15′ in diameter. While drying, the Hurricone also warns pedestrians of a potential slip hazard with a 36″ yellow floor cone and optional caution sign that sits on top of the 12″ x 12″ base. The 2.5″ locking casters offer great mobility for the cordless unit. A replacement rechargeable battery lasts for up to 12 hours of use. Scent cartridges are available to neutralize or counteract unwanted odors and enhance your environment.

Description	Unit	Stock #	PRICE
Hurricone Floor Dryer	EA	336-7100	$338.36
Caution Sign	EA	336-7101	$9.18
Replacement Battery Pack	EA	336-7102	$82.62
Replacement AC Charger	EA	336-7103	$27.54
Scent Cartridge - Spring Rain	EA	336-7104	$13.75
Scent Cartridge - Odor Neutralizer	EA	336-7105	$13.75
Scent Cartridge - Cinnamon Apple Pie	EA	336-7106	$13.75
Scent Cartridge - Fresh Roasted Coffee	EA	336-7107	$13.75

NEW

Call Customer Service at 800-826-8302

MOPPING ACCESSORIES

Rubbermaid® WaveBrake™ Mop Bucket & Wringer Combos

Take advantage of substantial savings when you purchase a mop bucket and wringer combo. The new WaveBrake mop bucket and wringer system reduces splashing, which means a safer environment, cleaner floors and improved productivity. 35-quart capacity.

Mfg Part #	Color	Unit	Stock #	DF =79
Side Press				
7588-88	Red	EA	440-2370	$132.46
7580-88	Yellow	EA	440-2373	$109.06
7588-88	Blue	EA	440-2434	$132.46
7588-88	Green	EA	440-2371	$132.46
1863897	Gray	EA	440-2364	$151.21
7580-88	Brown	EA	440-2372	$109.06
1863896	Black	EA	440-2363	$151.21
Down Press				
7578-88	Red	EA	440-2433	$162.41
7577-88	Yellow	EA	440-2396	$162.41
7578-88	Blue	EA	440-2431	$162.41
7578-88	Green	EA	440-2430	$162.41
1863899	Gray	EA	440-2365	$179.94
7577-88	Brown	EA	440-2432	$162.41
1863898	Black	EA	440-2453	$179.94

Rubbermaid® Dirty Water Bucket

Keep your cleaning solution cleaner, by "catching" dirty water with this 18-quart bucket. By keeping clean and dirty water separate, you also reduce the risk of cross-contamination. The result? Cleaner, less slippery floors. Fits 35-quart Wavebrake buckets. 6/case.

Mfg Part #	Color	Unit	Stock #	PRICE
9C74-00	Red	EA	440-2383	$27.15
9C74-00	Yellow	EA	440-2384	$27.15
1863900	Gray	EA	440-2366	$27.15

Rubbermaid® WaveBrake™ Mop Buckets

This innovative new mop bucket reduces wave motion and the resulting splashing and spilling - up to 40% - caused by transporting a mop bucket. Less sloshing water makes the bucket easier to control when routing. Most importantly, less water spillage on the floor means less exposure to slip and fall lawsuits which average $100,000 per incident. Buckets also nest, even with casters. 35-quart buckets will accept dirty water buckets.

Mfg Part #	Color	Stock #	DF =79
35-qt. Buckets			
7570-88	Red	440-2378	$77.32
7570-88	Yellow	440-2381	$77.32
7570-88	Blue	440-2386	$77.32
7570-88	Brown	440-2380	$77.32

Rubbermaid® WaveBrake™ Wringers

With their improved style, these wringers provide 25% more force than the old styles. As a result, less strength is needed to wring a mop. Handle features an ergonomic bend for comfort, while the wringer opening is larger, making it easier to hit with the mop. Fits WaveBrake mop buckets.

Mfg. Part #	Color	Unit	Stock #	PRICE
Side Press, 12 to 32-oz Capacity				
6127-88	Red	EA	440-2374	$101.09
6127-88	Yellow	EA	440-2377	$101.09
6127-88	Blue	EA	440-2387	$101.09
6127-88	Green	EA	440-2375	$101.09
6127-88	Brown	EA	440-2376	$101.09
Down Press, 16 to 32-oz Capacity				
7575-88	Yellow	EA	440-2388	$138.54
7575-88	Blue	EA	440-2392	$138.54
7575-88	Brown	EA	440-2389	$138.54

Prices subject to change.

Economy Mop Bucket & Wringer Combos

Durable and corrosion resistant molded polyethylene units with non-marking casters. 35-quart capacity.

Color	Unit	Stock #	PRICE
Side Press			
Red	EA	618-2142	$68.71
Yellow	EA	618-6146	$68.71
Blue	EA	618-2144	$68.71
Green	EA	618-2145	$68.71
Brown	EA	618-2146	$68.71
Down Press			
Yellow	EA	618-6147	$76.12

Floor/Carpet Dryer

Keep your facility and warehouse floors dry during the wet and snowy seasons with this powerful air mover, floor/carpet dryer. Multiple position settings for direct airflow and you can daisy chain up to 3 units for maximum efficiency. Delivers up to 2,400 CFM with an energy efficient, 3-speed motor. Compact, lightweight, and stackable for convenience. Comes with a 21' power cord in safety orange.

Mfg Part #	Unit	Stock #	PRICE
AM2400D	EA	354-2460	$187.79

Rubbermaid® Double Buckets

Rugged, two compartment gray bucket. Store cleaning supplies in one compartment, hot water in the other. Or, carry wash water and rinse water in one handy container. 6/case.

Mfg. Part #	Size	Unit	Stock #	PRICE
2617	17-qt	EA	440-2237	$31.02
2628	19-qt	EA	440-7145	$32.64

Rubbermaid® Brute® Buckets

Injection-molded bucket resists acids, alkalies, paints, chemicals, and cleaning compounds. Easy-pour spout. Molded in graduations of pints, quarts, gallons, and liters for easy measuring.

Color	Capacity	Size	Unit	Stock #	PRICE
Gray	10-qt	10.5"dia x 10.2'H	EA	440-2232	$13.18
Red	14-qt	12"dia x 11.25"H	EA	440-2234	$19.09
Gray	14-qt	12"dia x 11.25"H	EA	440-2233	$19.09

Call Customer Service at 800-826-8302

PAILS

VIKAN Flat-Sided Pails

Made from FDA-compliant materials, this flat-sided pail can be used for a number of applications. Available in 1.5 or 3-gallon capacity. Inner measuring scale is in gallons and liters. Sturdy handle is made of stainless steel. Use a lid to protect the measured contents. Stainless steel mounting bracket also available - accommodates either sized pail. Pail, lid, and bracket sold separately. Temperature rating of 5° to 250°F.

Mfg Part #	Color	Unit	Stock #	PRICE
1.5-Gallon Pail				
56885	White	EA	690-2767	$22.39
56884	Red	EA	690-2763	$22.39
56886	Yellow	EA	690-2768	$22.39
56883	Blue	EA	690-2761	$22.39
56882	Green	EA	690-2760	$22.39
56889	Black	EA	690-2771	$22.39
56887	Orange	EA	690-2769	$22.39
56881	Pink	EA	690-7241	$22.39
56888	Purple	EA	690-2770	$22.39
1.5-Gallon Lid				
56895	White	EA	690-2775	$5.66
56894	Red	EA	690-2774	$5.66
56896	Yellow	EA	690-2776	$5.66
56893	Blue	EA	690-2773	$5.66
56892	Green	EA	690-2772	$5.66
56899	Black	EA	690-2779	$5.66
56897	Orange	EA	690-2777	$5.66
56891	Pink	EA	690-7242	$5.66
56898	Purple	EA	690-2778	$5.66
3-Gallon Pail				
56865	White	EA	690-2685	$26.94
56864	Red	EA	690-2686	$26.94
58666	Yellow	EA	690-2684	$26.94
56867	Blue	EA	690-2687	$26.94
56863	Green	EA	690-2688	$26.94
56869	Black	EA	690-2689	$26.94
56867	Orange	EA	690-2682	$26.94
56861	Pink	EA	690-2750	$26.94
56868	Purple	EA	690-2647	$26.94
3-Gallon Lid				
56875	White	EA	690-2690	$12.34
56874	Red	EA	690-2691	$12.34
56876	Yellow	EA	690-2692	$12.34
56877	Blue	EA	690-2693	$12.34
56873	Green	EA	690-2694	$12.34
56879	Black	EA	690-2695	$12.34
56877	Orange	EA	690-2696	$12.34
56871	Pink	EA	690-2751	$12.34
56878	Purple	EA	690-2697	$12.34
Mounting Bracket				
16200	Stainless Steel	EA	690-2789	$61.83

VIKAN 5-Gallon Pails & Lids

Made from FDA-compliant polypropylene, this pail can be used for a number of applications. Snap closure. Inner measuring scale is in gallons and liters. Sturdy handle is made of stainless steel. Bottom handle and a rounded rim and lip facilitate ergonomic, no-spill lifting and pouring. Temperature rating of 5° to 250°F. Lids sold separately. 5/case.

Mfg Part #	Color	Unit	Stock #	PRICE
Pail				
5692	White	EA	690-3090	$46.05
5692	Red	EA	690-3091	$46.05
5692	Yellow	EA	690-3092	$46.05
5692	Blue	EA	690-3093	$46.05
5692	Green	EA	690-3094	$46.05
Lid				
5693	White	EA	690-4090	$19.07
5693	Red	EA	690-4091	$19.07
5693	Yellow	EA	690-4092	$19.07
5693	Blue	EA	690-4093	$19.07
5693	Green	EA	690-4094	$19.07

Color-Coded 5-Gallon Pails

Avoid contamination by matching pail color to a particular job or zone in your plant. Available in many colors, these strong, yet lightweight pails have a steel bail with a heavy-duty plastic handle. HDPE material meets FDA specifications. Pails and gasketed lids sold separately.

Color	Unit	Stock #	PRICE
Pails			
White	EA	532-8009	$6.40
Red	EA	532-8007	$6.40
Yellow	EA	532-8005	$6.40
Blue	EA	532-8001	$6.40
Green	EA	532-8004	$6.40
Gray	EA	532-8003	$6.40
Brown	EA	532-8002	$6.40
Black	EA	532-8000	$6.40
Orange	EA	532-8006	$6.40
Purple	EA	532-8008	$6.40
Lids			
White	EA	532-8107	$3.15
Red	EA	532-8106	$3.15
Yellow	EA	532-8109	$3.15
Blue	EA	532-8101	$3.15
Green	EA	532-8104	$3.15
Gray	EA	532-8103	$3.15
Brown	EA	532-8102	$3.15
Black	EA	532-8100	$3.15
Orange	EA	532-8105	$3.15
Purple	EA	532-8108	$3.15

Prices subject to change.

Process Flow

Process Instrumentation

Unit of Measure Reference Guide

BG = Bag	**JR** = Jar
BD = Bundle	**KT** = Kit
BO = Bottle	**MR** = Meter
BX = Box	**PA** = Pail
CA = Case	**PK** = Pack
CN = Can	**PR** = Pair
CT = Carton	**QT** = Quart
DR = Drum	**RE** = Reel
DZ = Dozen	**RL** = Roll
EA = Each	**SK** = Sleeve
FT = Foot	**ST** = Set
GA = Gallon	**TB** = Tube
IN = Inches	**TE** = Tote

NOTES:

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Call Customer Service at 800-826-8302

SANITARY HOSE ASSEMBLIES

Meet 3-A Sanitary Standards with our hose assemblies.

Choose either permanently sealed or completely reusable couplers.

- Sanitary: A 360° compression seal eliminates the possibility of product wicking between the coupler and the hose. No crevices or internal ledges to harbor bacteria.
- CIP-able: No need to disassemble for cleaning like clamped-in couplers. Saves you time and money.
- Safe: Hose ends won't blow off. Stay injury-free with no straps or bands to nick or scrape workers' hands.
- Economical: Thanks to ReSeal technology, we're able to reattach your coupler to a new or undamaged part of your original ReSeal® hose assembly. That's usually a savings of 50% to 80% over the price of a complete new assembly!

Regulatory Compliance

Versilon™/ReSeal®/PermaSeal®/Seal-Rite™ assemblies have been accepted for use in USDA inspected dairy and meat & poultry plants. They meet the construction criteria of the Grade A Pasteurized Milk Ordinance and the requirements of 3-A standard 62-02. All SaniGard hose styles meet the FDA ingredient criteria listed in the Code of Federal Regulations, Chapter 21, Parts 171-179, Section 177-2600, and exceed 3-A Standard 1800 Class I, II, III and IV. ReSeal, PermaSeal, and Seal-Rite couplers exceed all 3-A surface finish standards. Accepted by Dairy, Meat & Poultry division of Agriculture and Agri-Food Canada.

Totally Sanitary

From one end to the other, Nelson-Jameson sanitary hose assemblies provide a totally sanitary environment for your food product. There are no internal ledges to restrict flow or crevices to harbor bacteria. In compliance with 3A Sanitary Standard 62-02, Nelson-Jameson's manufacturing technique assures that couplers and hose become a single unit. Now, with a choice of permanently sealed or reusable couplers, in multiple hose styles and a variety of fitting types, you can perfectly match the hose assembly with your sanitary application.

Totally Satisfied

You'll be totally satisfied because each assembly is custom-built to your specifications. Just tell us your requirements, and our food and dairy experts will help you specify the right hose assembly for your application. Select from the industry's largest range of sizes, hose styles and end-fitting types, using our handy HOW TO ORDER chart. With our quick manufacturing process and fast shipping, you can get a custom-built hose assembly in just days!

Totally Convenient

Our sanitary hose assemblies are CIP cleanable, making them totally convenient for your people. Because they don't have to be taken apart for cleaning, you'll save time and money. And, unlike old-fashioned clamped-in couplers, there is no danger of hose-end blowoff.

Totally Adaptable

Used on everything from milk trucks to sausage stuffers, Nelson-Jameson's hose assemblies are a totally adaptable system that has revolutionized the way the food industry handles sanitary products. Our hose assemblies combine the flexibility and handling ease of hose with the sanitary advantages of rigid stainless steel pipe. They handle liquid or viscous products. Hot or cold applications. Short lengths are ideal for vibration and shock isolation - they easily pay for themselves by protecting equipment and fittings from valve and pump hammering. Clear PVC hose can be used on milk trucks. Silicone hose meets tough high-temperature applications. Permanent couplers give rugged in-plant performance. Reusable couplers can be used repeatedly, saving up to 90% of the original cost.

RE: Reseal Fitting

PM: Permanent Internal Expansion Fitting

SL: Radial Crimp with Seal

Prices subject to change.

SANITARY HOSE ASSEMBLIES

Your Complete Source for Sanitary Hose Assemblies

62-02

No one knows hose for the food industry like Nelson-Jameson. We've made a specialty of knowing your unique requirements and finding the right products for you. Your requirements are tough on hose. You handle liquid, viscous, or dry products. Fats, oils, chemicals. Hot/cold. Acid/alkaline. Sanitary/non-sanitary. Suction/pressure. Bending/kinking. Abusive conditions inside or outside the hose.

Nelson-Jameson has the widest selection of hose and couplers for food and dairy processors. We've worked with hose and tubing manufacturers, as well as the FDA and USDA to develop products designed to meet your needs. We talk to sanitarians and engineers. And, we listen to you.

If you don't see what you need in these pages, please consult with our hose product specialist.

RUBBER HOSE

Protector® Suction & Discharge Hose (PSD)

This premium quality, remarkably versatile-use hose is, without a doubt, the finest sanitary food and dairy hose available today. The seamless tube is incredibly smooth, making it ideal for food plant use. It won't impart taste or odor to your product and is highly resistant to common CIP solutions. Abrasion resistant cover helps maintain a clean appearance. Unique fabric spirals and helix reinforcement gives our suction and discharge hose exceptional flexibility.

- Approvals: FDA, USDA, 3-A, CFIA.
- Tube: Seamless white FDA butyl rubber manufactured on chrome polished mandrels.
- Reinforcement: 2 fabric spirals with helix wire.
- Cover: Light gray or white EPDM with a blue stripe - animal fat, abrasion and ozone resistant.
- Temperature: -40° to 225°F continuous (+250°F intermittent).
- Lengths: 1 foot to 100 feet.
- Fittings: ReSeal® reusable or PermaSeal® permanent couplers.

Note: All hose and tubing pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressures and vacuum ratings will decrease. For specific applications, contact our hose product specialists for recommendations.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum Rating in Hg	Cover Color	Weight per ft.	Unit	Stock #	PRICE
½"	1¹⁄₃₂"	2"	150 psi	29"	Light Gray	.4	IN	671-2505	$1.00
¾"	1⁸⁄₃₂"	3"	150 psi	29"	Light Gray	.56	IN	671-2507	$1.20
1"	1¹⁷⁄₃₂"	4"	150 psi	29"	Light Gray	.65	IN	671-2510	$1.30
1½"	2⁵⁄₃₂"	6"	150 psi	29"	Light Gray	1.07	IN	671-2515	$1.40
1½"	2⁵⁄₃₂"	6"	150 psi	29"	White	1.07	IN	671-2518	$1.40
2"	2²¹⁄₃₂"	7"	150 psi	29"	Light Gray	1.43	IN	671-2520	$1.50
2"	2²¹⁄₃₂"	7"	150 psi	29"	White	1.43	IN	671-2523	$1.60
2½"	3⁵⁄₃₂"	8"	150 psi	29"	Light Gray	2.08	IN	671-2525	$1.80
3"	3²⁴⁄₃₂"	9"	150 psi	29"	Light Gray	2.63	IN	671-2530	$2.30
3"	3²⁴⁄₃₂"	9"	150 psi	29"	White	2.63	IN	671-2533	$2.40
4"	4²⁴⁄₃₂"	12"	150 psi	29"	Light Gray	3.14	IN	671-2540	$3.00

Need help selecting the right hose for your application?
Call our hose specialists for assistance.

Call Customer Service at 800-826-8302

RUBBER HOSE

Suction & Discharge Hose (RSD)

The superb quality and versatility of this hose makes it an extremely popular choice in food and dairy plants for both product transfer and CIP applications. The dual wire helix gives it extra flexibility, making it easier to handle. The specially compounded tube will not impart taste or odor and is highly resistant to common CIP solutions. With three color options; gray, red, and blue in 1.5″, 2″, and 3″ sizes, this hose allows you to use the same quality hose while segregating applications - especially helpful when dealing with allergens and other color coding programs. Meets 3-A standards, USDA requirements, and is FDA compliant.

- Tube: White, FDA, 3-A, Chlorobutyl.
- Reinforcement: Spiral-plied synthetic fabric with dual wire helix.
- Temperature Range: -40 to 225°F.
- Cover: Gray, Red & Blue EPDM with white stripe (Red & Blue in 1.5″, 2″, and 3″ only).
- Approvals: USDA, FDA, 3-A.
- Fittings: SL Radial Crimp.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum in Hg	Cover Color	Weight per ft.	Unit	Stock #	PRICE
1/2″	1″	2″	150 psi	29″	Gray	.32	IN	113-2005	$1.00
3/4″	1.25″	2″	150 psi	29″	Gray	.57	IN	113-2007	$1.00
1″	1.5″	3″	150 psi	29″	Gray	.91	IN	113-2010	$1.10
1-½″	2.06″	4″	150 psi	29″	Gray	1.03	IN	113-2015	$1.20
1-½″	2.06″	4″	150 psi	29″	Red	1.03	IN	113-2018	$1.20
1-½″	2.06″	4″	150 psi	29″	Blue	1.03	IN	113-2019	$1.20
2″	2.57″	4.5″	150 psi	29″	Gray	1.32	IN	113-2020	$1.40
2″	2.57″	4.5″	150 psi	29″	Red	1.32	IN	113-2023	$1.40
2″	2.57″	4.5″	150 psi	29″	Blue	1.32	IN	113-2024	$1.40
2-½″	3.12″	5.5″	150 psi	29″	Gray	1.84	IN	113-2025	$1.80
3″	3.74″	7″	150 psi	29″	Gray	2.55	IN	113-2030	$2.00
3″	3.74″	7″	150 psi	29″	Red	2.55	IN	113-2033	$2.00
3″	3.74″	7″	150 psi	29″	Blue	2.55	IN	113-2034	$2.00
4″	4.77″	10″	150 psi	29″	Gray	3.51	IN	113-2040	$2.50
6″	6.75″	22″	150 psi	29″	Gray	5.42	IN	113-2060	$9.50

Nitrile Food Hose (RCT)

An excellent choice for most dairy applications as well as edible oils and personal care products. Rated for full transfer use up to 150 PSI, this nitrile hose is engineered to handle higher temperatures and maintain product color, taste, and aroma. A dual wire helix makes the RCT extremely flexible and easy to handle. Meets 3-A standards and USDA requirements, and is FDA compliant.

- Compliance: USDA Class III, FDA CFR Title 21 177.2600, 3-A 18-03.
- Tube: White FDA, 3-A, Nitrile/PVC blend.
- Reinforcement: Spiral-plied synthetic fabric with dual wire helix.
- Cover: White Nitrile with white stripe.
- Temperature: -25° TO 250°F.
- Lengths: 1 Foot to 100 feet.
- Fittings: SL Radial Crimp.

Note: Working pressure ratings for are based on 70° F (ambient temperature). Working pressure and vacuum ratings will decrease as temperatures increase. For applications that exceed 200° F contact our hose product specialist for recommendations.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum in Hg	Weight per ft.	Unit	Stock #	PRICE
1″	1.5″	3.5″	150 psi	29″	.95	IN	113-1110	$1.10
1 ½″	2.13″	4″	150 psi	29″	1.10	IN	113-1115	$1.20
2″	2.64″	4.5″	150 psi	29″	1.45	IN	113-1120	$1.40
2 ½″	3.19″	6″v	150 psi	29″	1.90	IN	113-1125	$1.90
3″	3.76″	7″	150 psi	29″	2.68	IN	113-1130	$2.30
4″	4.77″	10.5″	150 psi	29″	3.54	IN	113-1140	$2.90

Prices subject to change.

Versilon™ FGR Hose

The flexibility and tough construction of this hose were specially designed for the demanding conditions of food processing plants. Tough enough to withstand rough handling and high temperatures in a variety of applications.

Multiple fabric reinforcements, along with a single helix stainless steel wire, enable the hose to flex easily, withstand vacuum, stand up to higher pressures, and facilitate static grounding.

Our white nitrile-PVC blend inner tube is an FDA approved material with excellent chemical resistance. Specially designed to handle oil-based materials. Will not impart any taste or odor.

- Approvals: FDA, USDA, 3-A.
- Tube: White, nitrile-PVC blend.
- Reinforcement: Stainless steel wire.
- Cover: Gray EPDM with red spiral stripe.
- Temperature: -40° to 250°F.
- Lengths: 1 foot to 100 feet.
- Fittings: Crimp fittings.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum Rating in Hg	Weight per ft.	Unit	Stock #	PRICE
1″	1.518″	3″	350 psi	29.9″	.6	IN	671-2512	$1.10
1½″	2.02″	4″	300 psi	29.9″	.9	IN	671-2517	$1.50
2″	2.52″	4½″	250 psi	29.9″	1.3	IN	671-2527	$1.70
2½″	3.138″	6″	150 psi	29.9″	1.9	IN	671-2526	$2.30
3″	3.65″	7″	150 psi	29.9″	2.3	IN	671-2534	$2.50

Premium Sanitary Hose (RES)

Looking for a hose compatible with higher temperatures yet still providing flexibility and ease of handling? Look no further! Our RES Premium quality hose will handle temperatures up to 300°F and will not impart taste or order to products being transferred. Consider this suction and discharge hose for use with milk, dairy, food, and beverages as well as cosmetics, pharmaceutical and CIP applications. Meets 3-A standards and USDA requirements, and is FDA compliant.

- Tube: White, FDA, 3-A, EPDM.
- Reinforcement: Two polyester spirals with dual helix wire.
- Temperature Range: -40 to 300°F.
- Cover: Light Blue, EPDM Synthetic Rubber.
- Approvals: USDA, FDA, 3-A.
- Fittings: SL Radial Crimp.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum in Hg	Weight per ft.	Unit	Stock #	PRICE
½″	.93″	2.5″	150 psi	29″	.23	IN	113-6205	$1.70
¾″	1.18″	3.75″	150 psi	29″	.31	IN	113-6207	$1.80
1″	1.50″	4″	150 psi	29″	.39	IN	113-6210	$2.00
1½″	2.09″	5″	150 psi	29″	.80	IN	113-6215	$2.10
2″	2.60″	6″	150 psi	29″	1.16	IN	113-6220	$2.40
2½″	3.17″	7″	150 psi	29″	1.70	IN	113-6225	$3.10
3″	3.72″	8.5″	150 psi	29″	1.96	IN	113-6230	$3.80

Call Customer Service at 800-826-8302

RUBBER HOSE

ExtremeFlex™ Beverage Hose

When you are looking for flexibility, there is nothing better in a food grade hose than ExtremeFlex. Ideal for applications requiring flexible and/or tight bend connections. Lightweight and flexible with a corrugated cover for added abrasion resistance. These hoses are well suited for milk, beer, wine, distillery, beverage and other edible liquid transfer in a processing plant.

Note: Working pressure ratings for are based on 70° F (ambient temperature). Working pressure and vacuum ratings will decrease as temperatures increase. For applications that exceed 200° F contact our hose product specialist for recommendations.

Red ExtremeFlex™ Beverage W/ EZ Clean Cover (REB)

- Compliance: FDA, USDA, 3-A.
- Tube: White FDA chlorobutyl.
- Reinforcement: Spiral-plied fabrics with double steel wire helix.
- Temperature Range: -30° to 220°F.
- Cover: Red corrugated EZ Clean UHMWPE.
- Fittings: SL Radial Crimp.

I.D.	O.D.	Min Bend Radius	Working Pressure	Vacuum in HG	Weight per ft.	Unit	Stock #	PRICE
1-1/2"	2.03"	3"	250 psi	29"	.93	IN	260-2315	$1.48
2"	2.537"	4"	250 psi	29"	1.21	IN	260-2320	$1.79
2-1/2"	3.08"	5.5"	200 psi	29"	1.67	IN	260-2325	$2.19
3"	3.601"	6"	200 psi	29"	2.03	IN	260-2330	$2.83
4"	4.607"	8"	150 psi	29"	2.77	IN	260-2340	$3.61

Gray ExtremeFlex™ Beverage Hose (REB-G)

- Compliance: FDA, USDA, 3-A.
- Tube: White FDA chlorobutyl.
- Reinforcement: Spiral-plied fabrics with double steel wire helix.
- Temperature Range: -30° top 220°F.
- Cover: Gray Corrugated synthetic rubber blend with blue stripe.
- Fittings: SL Radial Crimp.

I.D.	O.D.	Min Bend Radius	Working Pressure	Vacuum in HG	Weight per ft.	Unit	Stock #	PRICE
1-1/2"	2.02"	2.3"	250 psi	29"	.92	IN	260-2115	$1.37
2"	2.53"	3"	250 psi	29"	1.2	IN	260-2120	$1.54
2-1/2"	3.07"	4"	250 psi	29"	1.65	IN	260-2125	$3.16
3"	3.59"	4.5"	200 psi	29"	2.02	IN	260-2130	$2.44
4"	4.60"	6"	150 psi	29"	2.76	IN	260-2140	$2.95

Beverage Transfer Hose (RBT)

Heavy-duty, high pressure discharge hose is ideally suited for transferring liquid products in breweries and wineries. The multi-ply reinforced bounce back design resists damage from kinking or flattening in high traffic areas. Meets 3-A standards and is FDA compliant.

- Compliance: USDA Class III, FDA CFR Title 21 177.2600, 3-A 18-03.
- Tube: White FDA, 3-A, Chlorobutyl.
- Reinforcement: Spiral-plied synthetic fabric 4 plies 1- 1.5"; 6 plies 2" & over.
- Cover: Purple EPDM with white stripe.
- Temperature: -40 to 225°F.
- Lengths: 1 Foot to 100 feet.
- Fittings: SL Permanent Crimp.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum in Hg	Weight per ft	Unit	Stock #	PRICE
1"	1.69"	4"	250 psi	20"	.81	IN	116-2110	$1.30
1.5"	2.23"	5.5"	250 psi	20"	1.20	IN	116-2115	$1.40
2"	2.92"	6.5"	250 psi	20"	1.86	IN	116-2120	$1.90
3"	4.09"	10"	250 psi	20"	3.57	IN	116-2130	$3.20

Prices subject to change.

Wine & Spirits Hose (RWS)

Designed to give you extra flexibility and wear resistance. The RWS is a lightweight suction and discharge hose with an exterior polymer blend cover combined with wide smooth corrugations to ensure low friction and ease of movement. The smooth inner tube delivers a taste and odor free flow. Meets 3-A standards and USDA requirements, and is FDA compliant.

- Compliance: USDA Class III, FDA CFR Title 21 177.2600, 3-A 18-03.
- Tube: White FDA, 3-A, Chlorobutyl.
- Reinforcement: High strength synthetic cord with steel wire helix.
- Cover: Red Thermoplastic with white stripe.
- Temperature: -25 to 250°F.
- Lengths: 1 Foot to 100 feet.
- Fittings: SL Radial Crimp.

Note: Working pressure ratings for are based on 70° F (ambient temperature). Working pressure and vacuum ratings will decrease as temperatures increase. For applications that exceed 200° F contact our hose product specialist for recommendations.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum in Hg	Weight per ft.	Unit	Stock #	PRICE
1 ½"	2.13"	4"	150 psi	29"	.75	IN	116-2215	$1.30
2"	2.64"	5"	150 psi	29"	.97	IN	116-2220	$1.50
2 ½"	3.19"	6.5"	150 psi	29"	1.18	IN	116-2225	$1.90
3"	3.76"	8"	150 psi	29"	1.46	IN	116-2230	$2.10
4"	4.77"	10"	150 psi	29"	2.74	IN	116-2240	$3.10

Brewer Hose (BRH)

Specially designed to meet the needs of the brewing industry. An excellent choice for transfer of non-oily liquid products. Resists damage from kinking or flattening. Available in bulk or fabricated hose assemblies.

- Compliance: FDA, USDA, 3-A.
- Tube: White chlorobutyl.
- Reinforcement: 1" and 1-1/2" have 4-plies fabric reinforcement, 2" and 3" have 6-plies fabric reinforcement.
- Cover: Red EPDM with gray stripe.
- Temperature Rating: -22° to 222°F.
- Length: 1 foot to 100 feet.
- Fittings: ReSeal® reusable or PM permanent couplers.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum Rating in HG	Weight per ft.	Unit	Stock #	PRICE
1"	1.686"	4.0"	250 psi	20"	.8	IN	671-2516	$1.50
1½"	2.220"	5.5"	250 psi	20"	1.2	IN	671-2524	$1.80
2"	2.812"	6.5"	250 psi	20"	1.8	IN	671-2532	$2.00
3"	4.124"	10"	250 psi	20"	3.5	IN	671-2548	$3.00

Need help selecting the right hose for your application?

Call our hose specialists for assistance.

Call Customer Service at 800-826-8302

RUBBER HOSE

Crush Resistant Hose (RCR)

Ideal for use in receiving bays and high traffic areas, the orange color of this premium crush resistant hose's orange color provides high visibility while the monofilament reinforcement is designed to spring back to its original shape after being twisted, kinked, or run over. The bacteria resistant construction delivers unadulterated taste and odor free flow. With almost a full vacuum rating, this hose is suitable for many applications including wine, beer, and other sanitary liquid food processes. Meets 3-A standards and USDA requirements, and is FDA compliant.

- Compliance: USDA, FDA, 3-A.
- Tube: White, FDA, 3-A, Chlorobutyl.
- Reinforcement: Spiral-plied synthetic fabric with monofiliment helix.
- Cover: Orange EPDM w/ white stripe.
- Temperature Range: -30 to 225°F.
- Fittings: SL Radial Crimp.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum in Hg	Weight per ft.	Unit	Stock #	PRICE
1 ½"	2.11"	4"	250 psi	27"	.98	IN	116-2715	$1.60
2"	2.68"	7"	250 psi	27"	1.38	IN	116-2720	$2.00
2 ½"	3.21"	10"	250 psi	27"	1.78	IN	116-2725	$2.50
3"	3.85"	12"	250 psi	27"	2.59	IN	113-2633	$2.90

Gladiator® Crush Resistant Hose (GCR)

That's right. You can actually run over this hose with a fully loaded bulk truck and keep right on using it! The secret is a nylon helix that allows the hose to spring back to its original shape after being twisted, kinked, or run over. Conveys a wide variety of dairy and food products - suited especially for receiving bay or raw product intake applications. Seamless tube will not impart taste or odor. Slightly heavier and less flexible than our suction and discharge hose, the crush resistant hose has a high working pressure of 250 psi. Caution: Gladiator is rated at 20" Hg (about 75% vacuum) but will actually pull a full vacuum when new. However, repeated collapsing of the hose will create a "soft spot" that reduces vacuum capabilities, even though it rebounds to it's original shape.

- Compliance: FDA, USDA, 3-A.
- Tube: Seamless white FDA butyl or synthetic polymer manufactured on chrome polished mandrels.
- Reinforcement: Multiple fabric spirals with monofilament helix.
- Cover: Red EDPM with yellow or white stripe - animal fat, abrasion, and ozone resistant.
- -40 to 225°F continuous (+250°F intermittent).
- Lengths: 1 foot to 100 feet.
- Fittings: ReSeal® reusable, PM or SL permanent couplers.

Note: All hose and tubing pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressures and vacuum ratings will decrease. For specific applications, contact our hose product specialists for recommendations.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum Rating in Hg	Weight per ft.	Unit	Stock #	PRICE
1½"	2⁵⁄₃₂"	5"	250 psi	20"	1.05	IN	671-2615	$2.10
2"	2²¹⁄₃₂"	7"	250 psi	20"	1.33	IN	671-2620	$2.60
2½"	3⁵⁄₃₂"	12"	250 psi	20"	1.77	IN	671-2625	$3.20
3"	3²⁴⁄₃₂"	18"	250 psi	20"	2.3	IN	671-2630	$3.70
4"	4²⁴⁄₃₂"	36"	250 psi	20"	2.94	IN	671-2640	$5.40

Prices subject to change.

Sentry® Softwall Discharge Hose (SSW)

When you need ultra lightweight and ease of handling in a straight discharge application, this is the hose for you. Ideal for overhead CIP wash units. The supersmooth seamless tube will not impart taste or odor and handles most CIP solutions with ease. Striking blue cover maintains a clean appearance and resists abrasion.

- Compliance: FDA, USDA, 3-A, CFIA.
- Tube: Seamless white FDA butyl rubber manufactured on chrome polished mandrels.
- Reinforcement: 2 fabric spirals.
- Cover: Blue EPDM with yellow stripe.
- Temperature: -40 to 225°F (+250°F intermittent).
- Lengths: 1 foot to 100 feet.
- Fittings: ReSeal® reusable, PM or SL permanent couplers.

Note: All hose and tubing pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressures and vacuum ratings will decrease. For specific applications, contact our hose product specialists for recommendations.

ID	OD	Working Pressure	Vacuum Rating in Hg	Weight per ft.	Unit	Stock #	PRICE
1½"	2⁵⁄₃₂"	250 psi	0"	1.0	IN	671-2415	$1.30
2"	2²¹⁄₃₂"	250 psi	0"	1.25	IN	671-2420	$1.50
2½"	3⁵⁄₃₂"	250 psi	0"	1.66	IN	671-2425	$2.00
3"	3²⁴⁄₃₂"	250 psi	0"	2.23	IN	671-2430	$2.50

MilkFlex™ Hose (MHH)

Finally, a hose designed with haulers in mind. If you're tired of dealing with stiff hose during the winter months, along with cracked helix and pinhole leaks, then you'll want to switch to MilkFlex hose, the most flexible, lightest weight rubber milk pick-up hose available today. MilkFlex milk haulers hose was designed to replace PVC hose, doing away with problems related to freezing winter weather and elevated cleaning temperatures. Less frequent hose replacement and repair saves you money and needless frustration.

- Compliance: FDA, USDA, 3-A, CFIA.
- Tube: White FDA butyl.
- Reinforcement: 2 fabric plies with double wire helix.
- Cover: White rubber with black and white pattern stripe.
- Temperature: -40 to 190°F continuous.
- Length: 1 foot to 100 feet.
- Fittings: ReSeal® reusable couplers.

Note: All hose and tubing pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressures and vacuum ratings will decrease. For specific applications, contact our hose product specialists for recommendations.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum Rating in Hg	Weight per ft.	Unit	Stock #	PRICE
2" (51 mm)	65 mm	5"	90 psi	29"	1.35	IN	671-2020	$1.20
2½" (63 mm)	76 mm	7"	90 psi	29"	1.68	IN	671-2025	$1.50
3" (76 mm)	89 mm	14"	90 psi	29"	2.0	IN	671-2030	$2.00

See page 305 for Food Grade Washdown Hose.

Call Customer Service at 800-826-8302

RUBBER HOSE

Smooth Bore FEP Lined Rubber Hose (TRS)

Smooth bore fluoropolymer (FEP) lined hose features an extra thick liner to provide better flex life and less permeation. A steel wire is helically wound through the carcass, providing crush, kink, and vacuum resistance. The EPDM cover is provides external abrasion resistance. 3-A listed and meets USP Class VI and FDA Criteria.

- Compliance: Meets FDA & USP Class VI Criteria, 3-A listed.
- Tube: White FEP.
- Reinforcement: Steel wire, helically wound.
- Cover: Green EPDM w/white stripe.
- Temperature: -20 to 300°F.
- Lengths: 1 Foot to 60 feet.
- Fittings: SL Radial Crimp.

Note: Working pressure ratings for are based on 70° F (ambient temperature). Working pressure and vacuum ratings will decrease as temperatures increase. For applications that exceed 250° F contact our hose product specialist for recommendations.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum in Hg	Weight per ft.	Unit	Stock #	PRICE
½"	.97"	1.5"	300 psi	30"	.32	IN	113-1005	$2.00
¾"	1.27"	2.5"	300 psi	30"	.48	IN	113-1007	$2.00
1"	1.48"	3"	300 psi	30"	.57	IN	113-1010	$2.60
1 ½"	2.04"	4.5"	300 psi	30"	.89	IN	113-1015	$3.60
2"	2.54"	7"	300 psi	30"	1.22	IN	113-1020	$4.20
2 ½"	3.07"	10"	300 psi	30"	1.64	IN	113-1025	$6.50

Challenger™ Teflon® Suction Discharge Hose (CTL)

With its smooth Teflon/FEP-lined tube, this hose is recommended for high-viscosity applications. The Teflon lining will not impart taste or odor. Its non-stick, chemically inert tube can be safely cleaned with open end steam at low pressures. Dual wire helix design provides full vacuum and excellent flexibility.

- Compliance: FDA, USDA, 3-A, CFIA, and meets USP Class VI requirements.
- Tube: White FDA Teflon/FEP.
- Reinforcement: 2 fabric spirals with dual wire helix and static wire.
- Cover: White EPDM with red stripe. 2-1/2" is green.
- Temperature: -40 to 350°F.
- Lengths: 1 foot to 100 feet.
- Fittings: ReSeal® reusable (stainless sleeves only) or PM permanent couplers.

Note: All hose and tubing pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressures and vacuum ratings will decrease. For specific applications, contact our hose product specialists for recommendations.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum Rating in Hg	Weight per ft.	Unit	Stock #	PRICE
½"	1³⁄₃₂"	4"	150 psi	29"	.4	IN	671-2905	$1.90
¾"	1⁸⁄₃₂"	3"	150 psi	29"	.56	IN	671-2907	$2.20
1"	1¹⁷⁄₃₂"	3.5"	150 psi	29"	.65	IN	671-2910	$3.10
1½"	2⁵⁄₃₂"	4.5"	150 psi	29"	1.07	IN	671-2915	$4.80
2"	2²¹⁄₃₂"	6.5"	150 psi	29"	1.43	IN	671-2920	$5.40
3"	3²⁴⁄₃₂"	12.5"	150 psi	29"	2.63	IN	671-2930	$7.40
4"	4²⁴⁄₃₂"	20.5"	150 psi	29"	3.14	IN	671-2940	$10.10

Prices subject to change.

HoseGard™ Hose Supports

Extend hose life with HoseGard Hose Supports. By keeping the hose above abrasive floors and pavement, dirt, food debris, and harsh chemicals, your hose will last longer. A lightweight, two-piece design with stainless steel socket head cap screws installs easily on your hose, stays in place and allows the hose to slide across the floor. Built-in handle facilitates movement, placement, and carrying of hose, while protecting workers from ergonomic-related injuries and associated costs. We recommend installing every 2 to 3 feet for maximum support. Designed for use with rubber hoses. FDA 21 CFR 177.1520 compliant.

Mfg Part #	Fits Hose	Color	Unit	Stock #	PRICE
HG150	1.5"ID x 2⁵⁄₃₂"OD	Blue	EA	673-1150	$75.50
HG200	2"ID x 2²¹⁄₃₂"OD	Blue	EA	673-1200	$77.60
HG250	2.5"ID x 3³⁄₁₆"OD	Blue	EA	673-1250	$79.60
HG300	3"ID x 3¾"OD	Blue	EA	673-1300	$81.60
HG400	4"ID x 4¾"OD	Blue	EA	673-1400	$83.70

White Hose Supports

Keep hoses off the ground, allowing them to remain clean, reduce wear and tear on cover, and prevent damage to end connections with hose supports. Ultra-high molecular weight (UHMW) polyethylene material allows hose assemblies to slide freely while being moved. Extremely durable and little or no water absorption. Stainless steel screws and nuts are counter-sunk into the UHMW. Larger sizes available with 1" lip to increase stability. White. Designed for use with rubber hoses.

Fits Hose Size	Hose Support Dimensions	Unit	Stock #	PRICE
Hose Supports				
1½" ID x 2⁵⁄₃₂" OD	2.03"ID x 5.00"OD	EA	692-2431	$72.76
2" ID x 2²¹⁄₃₂" OD	2.52"ID x 5.50"OD	EA	692-2432	$78.94
2½" ID x 3⁵⁄₃₂" OD	3.00"ID x 6.00"OD	EA	692-2433	$93.67
3" ID x 3²⁴⁄₃₂" OD	3.62"ID x 7.00"OD	EA	692-2434	$85.55
4" ID x 4²⁴⁄₃₂" OD	4.62"ID x 8.50"OD	EA	692-2435	$94.21
Hose Supports with 1" Lip				
2½" ID x 3⁵⁄₃₂" OD	3.00"ID x 6.00"OD	EA	692-2441	$138.96
3" ID x 3²⁴⁄₃₂" OD	3.62"ID x 7.00"OD	EA	692-2442	$167.16
4" ID x 4²⁴⁄₃₂" OD	4.62"ID x 8.50"OD	EA	692-2443	$195.70

Call Customer Service at 800-826-8302

SANITARY HOSE ASSEMBLIES

Here's How it Works ... Nelson-Jameson Reusable Hose Coupler System

Saves processors 50 to 80% in replacement costs!

Sanitary hose assemblies produced with ReSeal® components offer processors significant savings because the patented couplers have the unique feature of being reusable. This innovative system is USDA approved and meets the criteria of the Pasteurized Milk Ordinance, as well as 3-A standards.

At facilities in Marshfield, Wisconsin; Turlock, California and Twin-Fall, Idaho, Nelson-Jameson's factory-trained personnel perform reinstallations with high-powered equipment which assure a completely sanitary assembly. Reusable couplers can be used again and again, saving up to 80% of the original cost. ReSeal couplers can be used not only on Rubber Hose, but are also available for use on PVC Hose, PVC Braided Tubing and Silicone Hose.

Our reusable hose coupler system is easy to use. If a hose becomes kinked, crushed, or simply wears out, the processor can return the hose couplers or the damaged assembly to Nelson-Jameson for reinstallation. ReSeal stainless steel couplers are dismounted, cleaned, inspected and reattached to a new or undamaged portion of hose to make a complete "like new" ReSeal assembly. The resultant hose assembly is fully warranted to meet applicable 3-A, USDA, or FDA standards. Processors can expect quick turnaround time of their custom-built ReSeal order.

HOW TO ORDER Sanitary Hose Assemblies

1 **Select Code for HOSE or TUBING Style:**
Our food-grade hoses for sanitary hose assemblies are specially selected for premium quality and dimensional consistency. To meet your needs, carefully consider pressure and temperature ratings, chemical resistance and other characteristics.

2 **Specify HOSE ID:**

1/4" (025)	1-1/2" (150)
3/8" (037)	2" (200)
1/2" (050)	2-1/2" (250)
3/4" (062)	3" (300)
5/8" (075)	4" (400)
1" (100)	6" (600)*

*Only with crimp fittings.

3 **Specify REUSABLE (RE) OR PERMANENT:**
Internal Expansion (PM) or Radial Crimp (SL).

Patented ReSeal® reusable couplers offer significant long-term savings. If a hose becomes kinked, crushed or simply wears out, just return the couplers or the damaged assembly to Nelson-Jameson. We'll dismount, clean and inspect our ReSeal couplers. Then, using high-torque equipment, we will reinstall them on new hose or the undamaged part of your original hose. Remount them once and you've repaid your initial investment! Permanent couplers are a lower cost alternative, if you don't expect much hose wear or damage.

4 & 5 **Specify SIZE and STYLE of each END FITTING:**
Note that "cam & groove" fittings are not considered sanitary in the 3-A Standard. Call us if you need advice or have any special fitting needs. Select both hose assembly ends.

TE = Tube end; (butt weld) plain tube end with no fitting

TC = Sanitary clamp CIP fitting

BS = Bevel seat fitting with hex nut

BT = Bevel seat fitting with male thread

JP = John Perry fitting with hex nut

JT = John Perry fitting with male thread

DF = Part D female cam and groove

AM = Part A male cam and groove

IF = Cherry-Burrell female I-line

IM = Cherry-Burrell male I-line

6 **Select OUTER SLEEVE:**
S = Stainless Steel (not available with CSC & CSW hose)
P = Hi-Impact Polymer

(Use only stainless steel on Challenger Teflon Hose.)

7 **Specify overall LENGTH of assembly in inches.**

Prices subject to change.

Assembly Part Number

PSD	200	RE	200 TC	200 TC	P	180
Hose	ID Size	Fitting Style	Size/Style First End	Size/Style Second End	Hose Sleeve Material	Assembly Length in Inches

Hose
PSD
RSD
RCT
FGR
RES
REB
REB-G
RBT
RWS
BRH
RCR
GCR
SSW
MHH
TRS
CTL
SXW
SXD
SDB
SPD
FPD
FPW
CSC
CSW
MLT
CSS
CBT
CCT

Size Code
025 = 1/4"
037 = 3/8"
050 = 1/2"
062 = 5/8"
075 = 3/4"
100 = 1"
150 = 1-1/2"
200 = 2"
250 = 2-1/2"
300 = 3"
400 = 4"
600 = 6"

Fitting Style
RE = ReSeal^
PM = PermaSeal*
    Internal Expansion
SL = Radial Crimp
    with Seal

End Style
TC = Sanitary Clamp
BS = Bevel Seat with Hex Nut
BT = Bevel Male Thread
IF = Female I-Line
IM = Male I-Line
JP = John Perry with Hex Nut
JT = John Perry Male Thread
MT = Male Pipe Thread
FT = Female Pipe Thread)
TE = Tube End Stem (Butt Weld)
CM = Cam & Groove Male
CF = Cam & Groove Female
QL = Q-Line

Hose Sleeve
S = Stainless
P = Polymer

Hose · Fitting Style · Sleeve · Stem · End Style · Assembly Length

RE = ReSeal®

PM = PermaSeal®
Internal Expansion

SL = Radial
Crimp with Seal

SILICONE HOSE

Versilon™ Silicone Hose

Our platinum cured silicone hose meets the stringent requirements of today's pharmaceutical and biotech industries and is approved for use in USDA inspected facilities. Constructed of FDA compliant materials and meets 3-A standards. Performs in applications ranging from very cold to very hot. Temperature range: -80° to 350°F. Note: pressure ratings are shown at ambient temperature (68°F). As temperatures increase, working pressure and vacuum ratings will decrease.

- Approvals: FDA, 3-A, USP Class VI, CFIA.
- Temperature: -80 to 350°F.
- Fittings: ReSeal® Reusable (RE) or Permanent Crimp.

ID	OD	Minimum Bend Radius	Working Pressure	Vacuum in Hg	Max Length	Unit	Stock #	PRICE
Single Ply (SPD)								
¼"	¹⁶/₃₂"	1½"	155 psi	n/a	50'	IN	671-2702	$1.00
⅜"	²¹/₃₂"	2	125 psi	n/a	100'	IN	671-2703	$1.30
½"	²⁷/₃₂"	2½"	105 psi	n/a	100'	IN	671-2705	$1.60
⅝"	³⁰/₃₂"	3"	90 psi	n/a	100'	IN	671-2706	$2.10
¾"	1⁴/₃₂"	3½"	65 psi	n/a	100'	IN	671-2707	$2.40
1"	1¹²/₃₂"	5"	55 psi	n/a	50'	IN	671-2710	$3.20
1½"	1²⁷/₃₂"	6"	45 psi	n/a	50'	IN	671-2711	$4.20
Four Ply (FPD)								
½"	²⁷/₃₂"	8"	140 psi	29"	12'	IN	*71-2712	3.30
¾"	1⁴/₃₂"	10"	125 psi	25"	12'	IN	*71-2713	4.30
1"	1¹²/₃₂"	12"	110 psi	22"	12'	IN	671-2714	$4.90
1½"	1²⁷/₃₂"	n/a	100 psi	17"	12'	IN	671-2715	$6.10
2"	2¹²/₃₂"	n/a	75 psi	14"	12'	IN	671-2720	$8.10
3"	3¹²/₃₂"	n/a	50 psi	6"	12'	IN	671-2730	$13.60
Wire Helix (FPW)								
½"	²⁷/₃₂"	2½"	200 psi	29"	12'	IN	671-2750	$4.00
¾"	1⁴/₃₂"	3½"	200 psi	29"	12'	IN	671-2755	$4.90
1"	1¹²/₃₂"	5"	200 psi	29"	12'	IN	671-2760	$5.50
1½"	1²⁷/₃₂"	8"	200 psi	29"	12'	IN	671-2765	$6.50
2"	2¹²/₃₂"	11"	175 psi	29"	12'	IN	671-2770	$9.10
2½"	2²⁷/₃₂"	13"	175 psi	29"	12'	IN	671-2775	$12.40
3"	3¹²/₃₂"	17"	150 psi	29"	12'	IN	*71-2780	%4.70
4"	4¹²/₃₂"	20"	100 psi	29"	12'	IN	671-2785	$19.10

Need help selecting the right hose for your application?

Call our <ose Gpecialists for assistance.

Prices subject to change.

ReSeal® Couplers for Versilon™ Silicone Hose

Because of the high-torque requirement, ReSeal couplers for silicone hose should be reattached by Nelson-Jameson factory trained personnel whenever possible. In an emergency, ReSeal couplers for silicone hose up to 1″ can be reattached in the field with thorough training and proper tools. ReSeal couplers for silicone hose have an internal 316L stainless steel stem with an interior surface finish of 15 RA or better. The external sleeve is available in an ultra lightweight, autoclavable, high-temperature and high-strength polymer or 316L stainless steel. To ensure against any external entrapment areas, the junction of the 2 parts is sealed with a patented PTFE o-ring design.

Step-Up stems allow the use of different size hose and couplers in an assembly without the use of additional reducers. For example, #667-2901 uses a 1/4″ ID hose with a 1/2″ Sanitary Clamp connection.

HOW TO ORDER ReSeal® Hose Couplers for Field Reattachment on PureGard® Hose

1 Couplers are made up of STEMS and SLEEVES. You need one of each to make a coupler.

2 Select ONE stem from C-1 and ONE sleeve from C-2 for each hose-end and coupler needed.

3 Call our customer service department to order these couplers for field reattachment.

ReSeal®

- Have Nelson-Jameson install your hose couplers, you can order a brand-new ready-made assembly using the HOW TO ORDER CHART under our Sanitary Hose Assemblies heading.
- Nelson-Jameson can install new couplers on existing PureGard hose, call for instructions.
- Nelson-Jameson can re-install existing couplers on a new PureGard hose, call for instructions.

Chart C-1: Stems for SPD, FPD, FPW Hose

Size	1/4”	3/8”	1/2”	5/8”	3/4”	1”
Tube End	-	667-2503	667-2505	667-2506	667-2507	667-2510
Sanitary Clamp	1/4” - 1/2” 667-2901	--	667-2905	667-2916	667-2917	667-2910
Step-up Sanitary Clamp*	1/4” - 3/4” 667-2902	3/8” - 1/2” 667-2904	1/2” - 3/4” 667-2906	5/8” - 1” 667-2907	3/4” - 1” 667-2908	1”-1-1/2” 667-2912

Step-up stems allow the use of different size hose and couplers in an assembly without the use of additional reducers.

Chart C-2: Sleeves for SPD, FPD, FPW Hose

Size	1/4”	3/8”	1/2”	5/8”	3/4”	1”
Polymer Sleeve	667-214R	667-238R	667-205R	667-262R	667-275R	667-210R
Stainless Sleeve	--	--	666-205R	666-262R	666-275R	666-210R

Specify sleeve size using ReSeal sleeve selector guide or actual hose OD to nearest 1/64".

> Couplers for hose larger than 1” ID should be factory installed.
> To order assemblies refer to "How to Order" Chart on page 446 & 447.

Compliance with 3-A Standard 62-02 requires assembly by an authorized fabricator.

Nelson-Jameson also offers reinstallation of ReSeal® couplers and assures a completely sanitary assembly conforming to 3-A Sanitary Standard 62-02 for hose assemblies. 3-A 62-02 only applies to hoses with 1/2″ ID or larger.

Call Customer Service at 800-826-8302

SILICONE HOSE

Flex-Rite™ Silicone Hose

All of our Flex-Rite Silicone Hoses are manufactured from high purity, platinum cured resin and meet or exceed 3-A, USDA, FDA and USP Class VI standards. An ideal choice for pharmaceutical, cosmetic and food product transfer. Recommended cleaning methods include CIP, SIP and Autoclave.
Compliance: Meets 3-A*, USDA, FDA, and USP Class VI Standards
Temperature Range: -100 to 395°F
Color: White Translucent
Fittings: SL Radial Crimp

Wire Reinforced Silicone Hose (SXW)

I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in Hg	Max. Length	Unit	Stock #	PRICE
½"	.94"	150 psi	2.0"	29"	130'	IN	113-2752	$2.40
¾"	1.18"	150 psi	2.0"	29"	130''	IN	113-2775	$2.90
1"	1.42"	150 psi	3.0"	29"	130'	IN	113-2713	$3.40
1½"	2"	125 psi	4.0"	29"	130'	IN	113-2717	$4.40
2"	2.52"	110 psi	4.5"	29"	130'	IN	113-2722	$5.50
2½"	3.09"	85 psi	5.5"	29"	130'	IN	113-2726	$7.20
3"	3.58"	70 psi	7.0"	29"	130'	IN	113-2731	$8.00
4"	4.61"	50 psi	10.0	29"	130'	IN	113-2741	$11.10

Multi-Ply Silicone Discharge Hose (SXD)

I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in Hg	Max. Length	Unit	Stock #	PRICE
½"	1"	150 psi	8"	26"	130'	IN	113-2751	$2.30
¾"	1.22"	150 psi	10.0"	22"	130'	IN	113-2756	$2.70
1"	1.46"	125 psi	12"	18"	130'	IN	113-2710	$3.10
1½"	1.97"	85 psi	-	12"	130'	IN	113-2716	$4.10
2"	2.48"	70 psi	-	8"	130'	IN	113-2721	$4.90
2½"	3.01"	60 psi	-	6"	130'	IN	113-2727	$6.30
3"	3.5"	45 psi	-	4"	130'	IN	113-2732	$7.40

Double Braided Silicone Discharge Hose (SDB)

I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG	Max. Length	Unit	Stock #	PRICE
½"	.94"	150 psi	2.5"	-	50'	IN	113-2703	$1.80
¾"	1.25"	190 psi	3.0"	-	50'	IN	113-2757	$2.30
1"	1.47"	125 psi	3.5"	-	50'	IN	113-2711	$2.70

Single Braid Silicone Discharge Hose (SSD)

ID	OD	Working Pressure	Min. Bend Radius	Vacuum in Hg	Max. Length	Unit	Stock #	PRICE
¼"	.52"	135 psi	1.5"	-	50'	IN	113-2701	$0.80
⅜"	.66"	100 psi	2.0"	-	50'	IN	113-2702	$1.10
½"	.80"	80 psi	2.0"	-	50'	IN	113-2709	$1.30
¾"	1.10"	50 psi	-	-	50'	IN	113-2758	$1.90
1"	1.36"	45 psi	-	-	50'	IN	113-2712	$2.70

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger

Prices subject to change.

PVC Hose and Tubing

Top quality, clear PVC hose and tubing are ideal for use in liquid food handling. Specially designed for the ReSeal® coupler system, Versilon™ has an extra-smooth tube which allows a virtually seamless connection between coupler and hose. Its super-soft compound provides excellent cold weather flexibility and guards against pinhole leaks, saving you time, money, and aggravation.

They are non-contaminating, will not impart odors or taste, and meet 3-A requirements. Note: All ClearGard products pressure ratings are shown at ambient temperature (68°F).

Versilon™ Clear Helix Hose (CSC)

- Approvals: FDA, USDA, 3-A, CFIA.
- Temperatures: 20°F to 140°F.
- Fittings: ReSeal® Reusable (RE) With Polymer Sleeves.

ID	OD	PSI	Minimum Bend Radius	Vacuum in Hg	Unit	Stock #	PRICE
1"	1⁷⁄₃₂"	100	3"	29"	IN	671-2210	$0.20
1½"	1²⁶⁄₃₂"	85	6"	29"	IN	671-2215	$0.30
2"	2¹¹⁄₃₂"	75	8"	29"	IN	671-2220	$0.40
2½"	2³⁰⁄₃₂"	65	10"	29"	IN	671-2225	$0.60
3"	3¹⁴⁄₃₂"	65	12"	29"	IN	671-2230	$0.70
4"	4¹⁷⁄₃₂"	55	16"	29"	IN	671-2240	$1.30
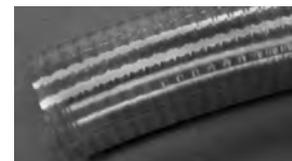
Versilon™ White Helix Hose (CSW)

- Approvals: FDA, USDA, 3-A, CFIA.
- Temperatures: 20°F to 140°F.
- Fittings: ReSeal® Reusable (RE) With Polymer Sleeves.

ID	OD	PSI	Minimum Bend Radius	Vacuum in Hg	Unit	Stock #	PRICE
1"	1⁷⁄₃₂"	100	3"	29"	IN	671-2310	$0.20
1½"	1²⁶⁄₃₂"	85	6"	29"	IN	671-2315	$0.25
2"	2¹¹⁄₃₂"	75	8"	29"	IN	671-2320	$0.40
2½"	2³⁰⁄₃₂"	65	10"	29"	IN	671-2325	$0.60
3"	3¹⁴⁄₃₂"	65	12"	29"	IN	671-2330	$0.70
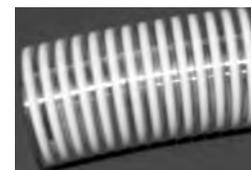
Tigerflex® Milk-LT Suction & Discharge Hose (MLT)

The ideal "cold weather hose"! Milk-LT stays more flexible in cold applications than similar PVC hose. The food-grade clear PVC hose with white helix features a smooth bore and cover to facilitate unrestricted flow and ease of cleaning. 100 ft/roll.

- Approvals: FDA, USDA, 3-A.
- Temperature: -40°F to 150°F.
- Fittings: Reseal® (RE) with polymer sleeves.

ID	OD	Approximate Bend Radius	Working Pressure	Vacuum in Hg	Unit	Stock #	PRICE
2"	2.33"	5"	75 psi @ 68°F	28"	IN	370-2020	$0.50
2"	2.33"	5"	75 psi @ 68°F	28"	RL	370-2120	$457.00
2½"	2.87"	8"	55 psi @ 68°F	28"	IN	370-2025	$0.63
2½"	2.87"	8"	55 psi @ 68°F	28"	RL	370-2125	$576.00
3"	3.42"	11"	55 psi @ 68°F	28"	IN	370-2030	$0.99
3"	3.42"	11"	55 psi @ 68°F	28"	RL	370-2130	$822.00

Stems for CSC, CSW, & MLT Hose

Size	1"	1-1/2"	2"	2-1/2"	3"
Tube End	-	670-2515	670-2520	670-2525	670-2530
Sanitary Clamp	670-2910	670-2915	670-2920	670-2925	670-2930
Bevel Seat/Hex Nut*	-	670-2615	670-2620	670-2625	670-2630

*Hex Nut sold separately.

Polymer Sleeves for CSC, CSW, & MLT Hose

Size	1"	1-1/2"	2"	2-1/2"	3"
Sleeve	-	670-215R	670-220R	670-225R	670-230R

Couplers for Field Reattachment on CSC, CSW, & MLT Hose

ReSeal®

Compliance with 3-A Standard 62-02 requires assembly by an authorized fabricator.

Specify sleeve size using ReSeal sleeve selector guide or actual hose OD to nearest 1/64".

Call Customer Service at 800-826-8302

PVC TUBING

Wire Helix Tubing (CSS)

ID	OD	PSI	Minimum Bend Radius	Vacuum in Hg	Unit	Stock #	PRICE
½"	²⁶⁄₃₂"	150	2"	29"	FT	*71-2105	0.30
¾"	1⁴⁄₃₂"	150	3"	29"	FT	671-2107	$0.50
1"	1¹²⁄₃₂"	100	4"	29"	FT	671-2110	$0.50
1½"	1²⁹⁄₃₂"	50	6"	29"	FT	671-2115	$0.70
2"	2¹⁶⁄₃₂"	50	8"	29"	FT	671-2120	$0.80
2½"	3"	50	10"	29"	FT	671-2125	$1.60
3"	3¹⁶⁄₃₂"	50	12"	29"	FT	671-2130	$1.90
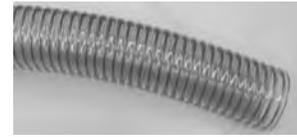
- Approvals: FDA, USDA, 3-A, CFIA.
- Temperature: 20°F to 140°F.
- Fittings: ReSeal® Reusable (RE) or Radial Crimp (SL).

Braid Reinforced Tubing (CBT)

ID	OD	PSI	Minimum Bend Radius	Vacuum in Hg	Unit	Stock #	PRICE
½"	²⁶⁄₃₂"	250	5"	n/a	FT	671-2805	$0.17
¾"	1⁴⁄₃₂"	200	7"	n/a	FT	671-2807	$0.30
1"	1¹²⁄₃₂"	150	9"	n/a	FT	671-2810	$0.33
1½"	1²⁹⁄₃₂"	100	15"	n/a	FT	671-2815	$0.43
2"	2¹⁶⁄₃₂"	75	18"	n/a	FT	671-2820	$0.46

- Approvals: FDA, USDA, 3-A, CFIA.
- Temperature: 20°F to 140°F.
- Fittings: ReSeal® Reusable (RE) or Radial Crimp (SL).

Clear Tubing (CCT)

ID	OD	PSI	Vacuum in Hg	Unit	Stock #	PRICE
½"	²⁶⁄₃₂"	45	n/a	FT	671-2850	$0.30
¾"	1⁴⁄₃₂"	35	n/a	FT	671-2875	$0.28
1"	1¹²⁄₃₂"	35	n/a	FT	671-2880	$0.50
1½"	1²⁹⁄₃₂"	35	n/a	FT	671-2885	$0.50
2	2¹⁶⁄₃₂"	35	n/a	FT	671-2890	$0.40

- Approvals: FDA, USDA, 3-A, CFIA.
- Temperature: 20°F to 140°F.
- Fittings: ReSeal® Reusable (RE) or Radial Crimp (SL).

ReSeal® Couplers for PVC Hose and Tubing

These innovative ReSeal coupler system components are expressly designed for use with our PVC hose and tubing. Field attachable stainless steel internal stem and hi-impact nylon sleeve assure top performance in handling sanitary products. While some sizes of PVC hose and tubing are field attachable, we strongly recommend you allow us to build your hose assemblies, and only field install the fittings when absolutely necessary. Couplers must be matched to specific hose dimensions, and assembly instructions must be diligently followed to assure product integrity. To order couplers for field reattachment on PVC hose or tubing, you must specify actual hose OD. Be aware, most hose manufacturers publish nominal specifications, not actual. Measure the hose where the coupler will be attached to verify the correct sleeve for the hose or tubing you are working with. Failure to do so may result in an assembly that is not in compliance with all sanitary standards, in unsanitary connections or in coupler failure. Couplers can be returned to us and we will clean, inspect and reattach to new hose for you.

Order Instruction Manual and the appropriate accessories before assembling your own hose or tubing.

Stems for CBT, CCT & CSS Tubing & Polymer Sleeve

Size	1/2"	3/4"	1"	1-1/2"	2"
Sanitary Clamp	667-2905	667-2917	667-2910	674-2915	674-2920
Bevel Seat/Hex Nut	-	-	Call	674-2615	674-2620
Polymer Sleeve	673-212R	673-234R	673-201R	673-216R	673-221R

Stems for CBT, CCT, CSS Tubing & Stainless Steel Sleeve

Size	1/2"	3/4"	1"	1-1/2"	2"
Sanitary Clamp	667-2905	667-2917	667-2910	667-2915	667-2920
Bevel Seat/Hex Nut	-	-	Call	674-2617	667-2620
Stainless Sleeve	666-205R	666-275R	666-210R	674-216R	674-221R

Couplers for Field Reattachment on CSS, CBT and CCT Hose or Tubing

ReSeal®

Specify sleeve size using ReSeal sleeve selector guide or actual hose OD to nearest 1/64".

Prices subject to change.

Field Fabrication Accessories for PVC Assemblies

Save on field reattachment of ReSeal® PVC hose assemblies by using these accessories. Complete the process at your site by purchasing a few simple tools and an operator's manual listed below.

Note: Compliance with 3-A sanitary standard 62-02 requires assembly by authorized fabricator.

Description	Unit	Stock #	PRICE
Dow #111 lubricant, 5.3-oz tube	TB	673-2003	$21.11
Adjustable hex wrench to 2"	EA	673-2004	$108.36
Adjustable hex wrench to 3"	EA	673-2005	$171.36

KANAFLEX® Suction & Discharge Hose

A popular milk handling hose for bulk haulers and processing plants. Manufactured from PVC compounds compliant with FDA and 3-A specifications, it's also ideal for a wide variety of dry material and fluid handling needs in bottling, canning, dairy, and other food plants. Up to 50% lighter than rubber hose, with a low initial cost, it's almost maintenance free. Flexible and clear with a super-smooth bore and a smooth cover for fast, efficient product transfer. Highly resistant to temperature changes and deterioration by sun or mildew. Temperature range -13° to 158°F. Do not use outside on very cold days. Avoid high pressure with high temperature. Vacuum rating: 29.8" Hg for all sizes. Select Supersoft 212MK compound for extra flexibility. 100'/roll.

ID	OD	Working Pressure @ 72°F	Unit	Stock #	PRICE
Supersoft 212 MK Compound					
1½"	1.82"	66 psi	FT	353-2315	$2.86
2"	2.39"	66 psi	FT	353-2320	$4.06
3"	3.43"	62 psi	FT	353-2330	$8.08
Heavy-Duty 210 HFG Compound					
1"	1.24"	86 psi	FT	353-2005	$1.79
2½"	2.93"	72 psi	FT	353-2020	$5.81
3"	3.43"	62 psi	FT	353-2025	$7.25
4"	4.53"	55 psi	FT	353-2030	$12.83

Transflow S3™ M-34-R Dairy Tubing

Look for the blue stripe! Transflow was especially made for handling raw milk so you know this clear flexible plastic hose will meet FDA requirements and the 3-A Plastic Standards. M34R gives long life, won't age or oxidize and is easy to clean. Can withstand cold outside temperatures. Maximum temperature: 150°F. Other sizes available, call our product specialists for assistance.

ID	OD	Use	Pkg	Unit	Stock #	PRICE
⁹⁄₁₆"	¹⁵⁄₁₆"	Milker	100'/rl	FT	681-2005	$1.69
⅝"	1"	Milker	100'/rl	FT	681-2006	$1.50
1"	1½"	Transfer	100'/rl	FT	681-2010	$4.90
1½"	2¼"	Truck	100'/rl	FT	681-2015	$13.19
2"	2¾"	Truck	60'/rl	FT	681-2020	$14.49
3"	4"	Truck	20'/rl	FT	681-2025	$39.89

Call Customer Service at 800-826-8302

PVC HOSE & TUBING

PVC Flexible Tubing: Clear and Braided

Our flexible food and beverage grade PVC tubing complies with FDA requirements. Braided tubing is reinforced with polyester to withstand higher pressures. Other sizes of clear or braided tubing are available by special order.

ID	OD	Wall	Working Pressure @ 70° F	Pkg	Unit	Stock #	PRICE
Clear							
¼"	⅜"	¹⁄₁₆"	55 psi	100'/rl	FT	370-2622	0.72
⅜"	½"	¹⁄₁₆"	45 psi	100'/rl	FT	370-2623	$1.02
⅜"	⅝"	⅛"	55 psi	100'/rl	FT	370-2624	$1.96
½"	¾"	⅛"	45 psi	100'/rl	FT	370-2626	$0.77
⅝"	⅞"	⅛"	40 psi	100'/rl	FT	370-2627	$2.91
¾"	1"	⅛"	35 psi	100'/rl	FT	370-2628	$3.33
⅞"	1⅛"	⅛"	30 psi	100'/rl	FT	370-2629	$3.91
Braided							
⁵⁄₁₆"	⁹⁄₁₆"	⅛"	250 psi	300'/rl	FT	370-2630	$1.19
⅜"	¹⁹⁄₃₂"	⅛"	225 psi	300'/rl	FT	370-2631	$1.66
½"	¾"	⅛"	200 psi	300'/rl	FT	370-2632	$2.27
⅝"	⅞"	⅛"	200 psi	200'/rl	FT	370-2633	$3.56
¾"	1"	⅛"	150 psi	200'/rl	FT	370-2634	$4.47
1"	1⅜"	³⁄₁₆"	125 psi	200'/rl	FT	370-2635	$4.45

Large Bore Gum Rubber Tubing

Perfect for drop tubes in powdering operations or as low pressure connectors in other applications. Constructed of white FDA pure gum rubber. Mandrel wrapped for supersmooth, seamless bore. Constructed with 1/8" wall. Also available by special order in 1/4" wall and in clear polyurethane.

ID	Max. Length Available	Unit	Stock #	PRICE
3"	120"	IN	604-2030	$1.13
4"	120"	IN	604-2040	$2.82
5"	120"	IN	604-7001	$3.11
6"	144"	IN	604-2060	$2.00
8"	120"	IN	604-2080	$3.17
10"	120"	IN	604-2100	$4.21
12"	144"	IN	604-7002	$5.37
16"	120"	IN	604-7000	$6.53
18"	120"	FT	604-7003	$84.94

DELAVAN SPRAY NOZZLES

SDX Orifice Gauge

Designed for the rapid measurement of small hole diameters from 0.025" to 0.130". These gauges work on the principle of directly transferring diameter measurements from a sliding, tapered needle to a linear scale readout graduated in 0.001".

Features:

• Rapid and simple calibration. A setting master is provided with each gauge. Permits rapid periodic check on calibration and field readadjustment, if necessary, by plant personnel.

• No skill required. Untrained personnel can get fast and accurate measurements.

• Magnified, direct reading scale permits easy reading of hole diameters to nearest 0.001".

• Precision ground tapered needle is made of hardened tool steel for increased wear life.

• Positive Clutch which locks needle and scale at exact dimension of hole being measured.

• Convenient pocket size and weight makes these gauges ideal for inspectors and engineers.

NOTE: SDX Orifice gauge is not suitable for Mini-SDX® nozzle.

Description	Hole Size Range	Unit	Stock #	PRICE
Model 20A with case	0.025" to 0.130"	EA	178-7208	$785.00

Prices subject to change.

DELAVAN SPRAY NOZZLES

SDX V Nozzle Parts

- This highly compact unit is more durable, easy-to-clean and can be rapidly stripped down and reassembled.
- Eight-part construction incorporates O-rings so tools for assembly and disassembly are not required.
- Hand tight assembly with a maximum design pressure of 5,000 psig (345 bar) and temperature 300°F.

Mfg Part #	Description	Unit	Stock #	PRICE
Nozzle Components				
W194990013	19499-1 SS Nozzle Body	EA	178-1926	$76.54
W196000027	19600-2 Cone Faced Body 80°	EA	178-1962	$103.73
W196000035	19600-3 Cone Faced Body 90°	EA	178-1963	$103.73
W155100164	15510-16 Silicone Orifice O-ring	EA	178-1201	$1.24
A313520163	31352-16 Viton Orifice O-ring	EA	178-1916	$0.94
A313520189	31352-18 Viton Retainer O-ring	EA	178-1918	$0.94
A313520221	31352-22 Viton Body O-ring	EA	178-1922	$0.94
W195490005	19549-00 Retainer/Feed Plate	EA	178-1900	$36.82
W195490013	19549-1 Retaining Disc	EA	178-1927	$36.82
W196350018	19635-1 1/4" NPT Adapter, SS	EA	178-1932	$76.54
W196350026	19635-2 3/8" NPT Adapter, SS	EA	178-1924	$76.54
W196350034	19635-3 Z\x" NPT Adapter	EA	178-1934	$76.54
W196350042	19635-4 3/4" NPT Adapter, SS	EA	178-7042	$76.54
Swirl Chambers (additional options available)				
W194720030	19472-3 Swirl Chamber SC Tungsten Carbide	EA	178-1903	$233.66
W194720048	19472-4 Swirl Chamber SD Tungsten Carbide	EA	178-1904	$233.66
W194720055	19472-5 Swirl Chamber SE-Tungsten Carbide	EA	178-1905	$233.66
W194720063	19472-6 Swirl Chamber SF-Tungsten Carbide	EA	178-1063	$233.66
W194720071	19472-7 Swirl Chamber SG-Tungsten Carbide	EA	178-1971	$233.66
W194720089	19472-8 Swirl Chamber SH Tungsten Carbide	EA	178-1908	$233.66
W194720097	19472-9 Swirl Chamber SI Tungsten Carbide	EA	178-1772	$233.66
W194720105	19742-10 Swirl Chamber SJ Tungsten Carbide	EA	178-1710	$233.66
Additional Parts				
W196440025	19644-2 Removal Tool	EA	178-1925	$44.05
W197690016	19769-01 Viton Seal Kit (10 of each O-ring)	EA	178-1969	$26.77
W197690024	19769-02 Silicone Seal Kit (10 of each O-ring)	EA	178-1992	$39.64

Mfg Part #	Description	Unit	Stock #	PRICE
Orifice Discs (additional sizes available)				
W195810376	19581-37 Tungsten Carbide	EA	178-7376	$64.92
W195810731	19581-40 Tungsten Carbide	EA	178-1940	$64.92
W195810525	19581-52 Tungsten Carbide	EA	178-1952	$64.92
W195810558	19581-55 Tungsten Carbide	EA	178-1955	$64.92
W195810582	19581-58 Tungsten Carbide	EA	178-7582	$64.92
W195810608	19581-60 Tungsten Carbide	EA	178-7060	$64.92
W195810616	19581-61 Tungsten Carbide	EA	178-7061	$64.92
W195810624	19581-62 Tungsten Carbide	EA	178-7062	$64.92
W195810640	19581-64 Tungsten Carbide	EA	178-1964	$64.92
W195810673	19581-67 Tungsten Carbide	EA	178-7673	$64.92
W195810681	19581-68 Tungsten Carbide	EA	178-7768	$64.92
W195810707	19581-70 Tungsten Carbide	EA	178-7770	$64.92
W195810723	19581-72 Tungsten Carbide	EA	178-1972	$64.92
W195810731	19581-73 Tungsten Carbide	EA	178-1973	$64.92
W195810749	19581-74 Tungsten Carbide	EA	178-1974	$64.92
W195810764	19581-76 Tungsten Carbide	EA	178-1976	$64.92
W195810772	19581-77 Tungsten Carbide	EA	178-1977	$64.92
W195810780	19581-78 Tungsten Carbide	EA	178-1978	$64.92
W195810798	19581-79 Tungsten Carbide	EA	178-7798	$64.92
W195810822	19581-82 Tungsten Carbide	EA	178-7822	$64.92
W195810830	19581-83 Tungsten Carbide	EA	178-7823	$64.92
W195810855	19581-85 Tungsten Carbide	EA	178-7855	$64.92
W195810863	19581-86 Tungsten Carbide	EA	178-7886	$64.92
W195810889	19581-88 Tungsten Carbide	EA	178-1988	$64.92
W195810913	19581-90 Tungsten Carbide	EA	178-1790	$64.92
W195810913	19581-91 Tungsten Carbide	EA	178-1791	$64.92
W195810921	19581-92 Tungsten Carbide	EA	178-1792	$64.92
W195810947	19581-94 Tungsten Carbide	EA	178-1994	$64.92
W195810970	19581-97 Tungsten Carbide	EA	178-1970	$64.92
W195810996	19581-99 Tungsten Carbide	EA	178-1999	$64.92
W195811002	19581-100 Tungsten Carbide	EA	178-1910	$64.92
W195811028	19581-102 Tungsten Carbide	EA	178-1902	$64.92
W195811069	19581-106 Tungsten Carbide	EA	178-1906	$64.92
W195811093	19581-109 Tungsten Carbide	EA	178-1909	$64.92
W195811127	19581-112 Tungsten Carbide	EA	178-1912	$64.92
W195811150	19581-115 Tungsten Carbide	EA	178-1115	$64.92
W195811184	19581-118 Tungsten Carbide	EA	178-1917	$64.92

Call Customer Service at 800-826-8302

DELAVAN SPRAY NOZZLES

SDX III Nozzle Parts

- Patented single inlet spiral swirl chamber offers increased nozzle life, improved product uniformity, density and/or solubility.
- Minimal friction due to nozzle design allows for 10-20% lower operating pressure, which also extends the life of your pump.
- Six-part construction incorporates O-rings so tools for assembly and disassembly are not required.
- Orifice discs are available in tungsten carbide, chrome carbide and ceramic.

Mfg Part #	Description	Unit	Stock #	PRICE
Nozzle Components				
A484400039	48440-3 Nozzle Body, 316 SS	EA	178-1339	$117.03
A383290036	38329-3 Z\x" NPT Adapter	EA	178-1036	$136.83
A383310016	38331-1 End Plate, Tungsten Carbide	EA	178-1016	$35.98
W155100164	31351-66 Red Silicone Orifice O-ring	EA	178-1201	$1.24
A313510321	31351-32 Adapter O-ring, Viton	EA	178-1032	$1.24
W127390034	12739-3 Check Valve Assembly	EA	178-1334	$519.31
A489100014	48910-1 Cone Faced Body, 70 deg	EA	178-1314	$152.88
A383290015	38329-1 Adapter .25" FNPT + O-ring	EA	178-7015	$136.83
A383290028	38329-2 3/8 NPT Adapter and O-ring	EA	178-7029	$136.83
A487250001	48725-001 Seal Kit, Silicone 10 of each O-ring	EA	178-1501	$23.24
Swirl Chambers (additional options available)				
W013800039	13800-3 Swirl Chamber SC with end plate Tungsten Carbide	EA	178-1303	$243.56
W013800047	13800-4 Swirl Chamber SD with end plate Tungsten Carbide	EA	178-1304	$243.56
W013800054	13800-5 Swirl Chamber SE with end plate Tungsten Carbide	EA	178-1335	$243.56
W013800062	13800-6 Swirl Chamber SF with end plate Tungsten Carbide	EA	178-1362	$243.56
W013800070	13800-7 Swirl Chamber SG with end plate Tungsten Carbide	EA	178-1307	$243.56
A297940049	29794-4 Swirl Chamber SD Hardened Stainless Steel	EA	178-1794	$75.33
A297940056	29794-5 Swirl Chamber SE Hardened Stainless Steel	EA	178-1305	$75.33
A312120049	31212-4 Swirl Chamber SD Tungsten Carbide	EA	178-1019	$235.73
A312120056	31212-5 Swirl Chamber SE Tungsten Carbide	EA	178-1020	$235.73
A312120064	31212-6 Swirl Chamber SF Tungsten Carbide	EA	178-1021	$235.73
A312120072	31212-7 Swirl Chamber SG Tungsten Carbide	EA	178-1007	$240.93
A312120080	31212-8 Swirl Chamber SH Tungsten Carbide	EA	178-1008	$240.93
A312120098	31212-9 Swirl Chamber SI Tungsten Carbide	EA	178-1009	$240.93
Additional Parts				
W153070005	15307-00 Assembly Tool	EA	178-1300	$28.74
Orifice Discs (additional size available)				
A007030347	703-34 Tungsten Carbide	EA	178-7347	$68.84

Mfg Part #	Description	Unit	Stock #	PRICE
A007030362	703-36 Tungsten Carbide	EA	178-7367	$68.84
A007030370	703-37 Tungsten Carbide	EA	178-1037	$68.84
A007030404	703-40 Tungsten Carbide	EA	178-1040	$68.84
A007030438	703-43 Tungsten Carbide	EA	178-1043	$68.84
A007030453	703-45 Tungsten Carbide	EA	178-1045	$68.84
A007030461	703-46 Tungsten Carbide	EA	178-1046	$68.84
A007030487	703-48 Tungsten Carbide	EA	178-1048	$68.84
A007030495	703-49 Tungsten Carbide	EA	178-1049	$68.84
A007030529	703-52 Tungsten Carbide	EA	178-1052	$68.84
A007030537	703-53 Tungsten Carbide	EA	178-1053	$68.84
A007030545	703-54 Tungsten Carbide	EA	178-7002	$68.84
A007030552	703-55 Tungsten Carbide	EA	178-1055	$68.84
A007030586	703-58 Tungsten Carbide	EA	178-1058	$68.84
A007030594	703-59 Tungsten Carbide	EA	178-1059	$68.84
A007030602	703-60 Tungsten Carbide	EA	178-1060	$68.84
A007030610	703-61 Tungsten Carbide	EA	178-1061	$68.84
A007030620	703-62 Tungsten Carbide	EA	178-1062	$68.84
A007030644	703-64 Tungsten carbide	EA	178-1064	$68.84
A007030677	703-67 Tungsten Carbide	EA	178-1067	$68.84
A007030701	703-70 Tungsten Carbide	EA	178-1070	$68.84
A007030735	703-73 Tungsten Carbide	EA	178-1073	$68.84
A007030743	703-74 Tungsten Carbide	EA	178-1074	$68.84
A007030768	703-76 Tungsten Carbide	EA	178-1076	$68.84
A007030792	703-79 Tungsten Carbide	EA	178-7792	$68.84
A007030826	703-82 Tungsten Carbide	EA	178-1082	$68.84
A007030859	703-85 Tungsten Carbide	EA	178-1085	$68.84
A007030883	703-88 Tungsten Carbide	EA	178-1088	$68.84
A007030917	703-91 Tungsten Carbide	EA	178-1091	$68.84
A007030941	703-94 Tungsten Carbide	EA	178-1094	$68.84
A007030974	703-97 Tungsten Carbide	EA	178-1097	$68.84
A007031006	703-100 Tungsten Carbide	EA	178-7006	$68.84
A007031030	703-103 Tungsten Carbide	EA	178-7703	$68.84
A007031063	703-106 Tungsten Carbide	EA	178-7106	$68.84
A007031097	703-109 Tungsten Carbide	EA	178-1109	$68.84
A007031105	703-110 Tungsten Carbide	EA	178-1110	$68.84
A007031121	703-112 Tungsten Carbide	EA	178-1112	$68.84
A007031154	703-115 Tungsten Carbide	EA	178-1015	$68.84
A007031188	703-118 Tungsten Carbide	EA	178-7188	$68.84
A007031212	703-121 Tungsten Carbide	EA	178-1121	$68.84
A007031279	703-127 Tungsten Carbide	EA	178-7279	$68.84
A007031303	703-130 Tungsten Carbide	EA	178-7130	$68.84
A007031360	703-136 Tungsten Carbide	EA	178-7360	$68.84
A007031394	703-139 Tungsten Carbide	EA	178-1139	$68.84
A007031402	703-140 Tungsten Carbide	EA	178-7402	$68.84
A007031600	703-160 Tungsten Carbide	EA	178-1160	$68.84

Prices subject to change.

SDX Nozzle Parts

Mfg Part #	Description	Unit	Stock #	PRICE
Nozzle Components				
A297760017	29776-1 SS Nozzle Body	EA	178-1761	$72.21
A29777073	29777-7 Screw Pin, SS	EA	178-1771	$83.47
A297720011	29772-1 Nylon Orifice O-ring	EA	178-1721	$0.84
A297730010	29773-1 Nylon Body O-ring	EA	178-1731	$1.05
A297750018	29775-1 1/4" Adapter NPT, SS	EA	178-1751	$72.21
A297750034	29775-3 3/8" Adapter NPT, SS	EA	178-1753	$72.21
A297750059	29775-5 1/2" Adapter NPT, SS	EA	178-1755	$72.21
A297750075	29775-7 3/4" Adapter NPT, SS	EA	178-1757	$72.21
A299630010	29963-1 Nylon Seal Kit 10 of each O-ring	EA	178-1001	$15.49
A297730077	29773-7 Body Seal O-ring, Hard Fiber	EA	178-1732	$1.05
A297720037	29772-3 Orifice Seal, Aluminum	EA	178-1737	$1.05
Swirl Chambers (additional options available)				
A312120015	31212-1 Swirl Chamber SA Tungsten Carbide	EA	178-7121	$218.81
A312120056	31212-5 Swirl Chamber SE Tungsten Carbide	EA	178-1020	$235.73
A312120064	31212-6 Swirl Chamber SF Tungsten Carbide	EA	178-1021	$235.73
A312120072	31212-7 Swirl Chamber SG Tungsten Carbide	EA	178-1007	$240.93
A312120080	31212-8 Swirl Chamber SH Tungsten Carbide	EA	178-1008	$240.93
A312120098	31212-9 Swirl Chamber SI Tungsten Carbide	EA	178-1009	$240.93
A297940031	29794-3 Swirl Chamber SC Hard Stainless HSS	EA	178-1743	$75.33
A297940064	29794-6 Swirl Chamber SF Hard Stainless HSS	EA	178-1746	$75.33
A297940072	29794-7 Swirl Chamber SG Hard Stainless HSS	EA	178-7001	$76.63
W013800088	13800-8 Swirl Chamber SH with End Plate	EA	178-1308	$243.56
W013800021	13800-2 Swirl Chamber SB with End Plate	EA	178-7012	$243.56
W013800013	13800-1 Swirl Chamber SA with End Plate	EA	178-7013	$243.56
W214870070	21487-7 Swirl Chamber SG with End Plate Premium Carbide	EA	178-7707	$365.35
Orifice Discs				
A007030321	703-32 Tungsten Carbide	EA	178-7327	$68.84
A007030347	703-34 Tungsten Carbide	EA	178-7347	$68.84
A007030362	703-36 Tungsten Carbide	EA	178-7367	$68.84
A007030370	703-37 Tungsten Carbide	EA	178-1037	$68.84
A007030404	703-40 Tungsten Carbide	EA	178-1040	$68.84

Mfg Part #	Description	Unit	Stock #	PRICE
A007030438	703-43 Tungsten Carbide	EA	178-1043	$68.84
A007030453	703-45 Tungsten Carbide	EA	178-1045	$68.84
A007030461	703-46 Tungsten Carbide	EA	178-1046	$68.84
A007030487	703-48 Tungsten Carbide	EA	178-1048	$68.84
A007030495	703-49 Tungsten Carbide	EA	178-1049	$68.84
A007030529	703-52 Tungsten Carbide	EA	178-1052	$68.84
A007030537	703-53 Tungsten Carbide	EA	178-1053	$68.84
A007030545	703-54 Tungsten Carbide	EA	178-7002	$68.84
A007030552	703-55 Tungsten Carbide	EA	178-1055	$68.84
A007030586	703-58 Tungsten Carbide	EA	178-1058	$68.84
A007030594	703-59 Tungsten Carbide	EA	178-1059	$68.84
A007030602	703-60 Tungsten Carbide	EA	178-1060	$68.84
A007030610	703-61 Tungsten Carbide	EA	178-1061	$68.84
A007030620	703-62 Tungsten Carbide	EA	178-1062	$68.84
A007030644	703-64 Tungsten carbide	EA	178-1064	$68.84
A007030677	703-67 Tungsten Carbide	EA	178-1067	$68.84
A007030701	703-70 Tungsten Carbide	EA	178-1070	$68.84
A007030735	703-73 Tungsten Carbide	EA	178-1073	$68.84
A007030743	703-74 Tungsten Carbide	EA	178-1074	$68.84
A007030768	703-76 Tungsten Carbide	EA	178-1076	$68.84
A007030792	703-79 Tungsten Carbide	EA	178-7792	$68.84
A007030826	703-82 Tungsten Carbide	EA	178-1082	$68.84
A007030859	703-85 Tungsten Carbide	EA	178-1085	$68.84
A007030883	703-88 Tungsten Carbide	EA	178-1088	$68.84
A007030917	703-91 Tungsten Carbide	EA	178-1091	$68.84
A007030941	703-94 Tungsten Carbide	EA	178-1094	$68.84
A007030974	703-97 Tungsten Carbide	EA	178-1097	$68.84
A007031006	703-100 Tungsten Carbide	EA	178-7006	$68.84
A007031030	703-103 Tungsten Carbide	EA	178-7703	$68.84
A007031063	703-106 Tungsten Carbide	EA	178-7106	$68.84
A007031097	703-109 Tungsten Carbide	EA	178-1109	$68.84
A007031105	703-110 Tungsten Carbide	EA	178-1110	$68.84
A007031121	703-112 Tungsten Carbide	EA	178-1112	$68.84
A007031154	703-115 Tungsten Carbide	EA	178-1015	$68.84
A007031188	703-118 Tungsten Carbide	EA	178-7188	$68.84
A007031212	703-121 Tungsten Carbide	EA	178-1121	$68.84
A007031279	704-127 Tungsten Carbide	EA	178-7279	$68.84
A007031303	703-130 Tungsten Carbide	EA	178-7130	$68.84
A007031360	703-136 Tungsten Carbide	EA	178-7360	$68.84
A007031394	703-139 Tungsten Carbide	EA	195-3020	$186.67
A007031402	703-140 Tungsten Carbide	EA	178-7402	$68.84
A007031600	703-160 Tungsten Carbide	EA	178-1160	$68.84

Call Customer Service at 800-826-8302

DELAVAN SPRAY NOZZLES

Compact SDX Nozzle Parts

- Cassette style, seven-part nozzle.
- Overall dimensions 37 mm long x 22.2 mm diameter.
- Hand-tight assembly with a maximum design pressure of 5,000 psig (345 bar) and temperature 300°F.
- Special materials available by request for particular applications.
- Please give our Process Systems Department a call for help with your specific application needs.

Mfg. Part #	Description	Unit	Stock #	PRICE
Nozzle Components				
W203010035	20301-3 Nozzle Body	EA	178-1600	$45.91
A313520148	31352-14 Viton Orifice/Retainer O-ring	EA	178-1614	$0.89
W155100149	15510-14 Silicone Orifice/Retainer O-ring	EA	178-1615	$1.24
W203070013	20307-1 Viton Swirl Chamber, O-ring	EA	178-1601	$0.94
W203020034	20302-3 Adapter, 316SS	EA	178-1603	$55.83
W203230013	20330-1 Thread Guard, Brass	EA	178-1602	$44.01
Swirl Chambers - Tungsten Carbide				
W203040016	20304-1 Swirl Chamber SA	EA	178-1616	$107.61
W203040024	20304-2 Swirl Chamber SB	EA	178-1624	$107.61
W203040032	20304-3 Swirl Chamber SC	EA	178-1632	$107.61
W203040040	20304-4 Swirl Chamber SD	EA	178-1640	$107.61
Orifice Discs - (additional options available)				
W20303-028	20303-2 Tungsten Carbide Orifice Disc	EA	178-1802	$47.06
W20303-045	20303-4 Tungsten Carbide Orifice Disc	EA	178-1804	$47.06
Additional Parts				
W203080012	20308-01 Removal Tool	EA	178-1612	$28.74

Mini SDX Nozzle Parts

- Low flow, five-part design, nominal spray angle is 70-75°.
- Wrench tighten only when replacing orifice disc with the assembly tool (for the pressed fit orifice disc), otherwise no wrench tightening should be done. Wrench tightening may result in fracture of the swirl chamber.
- Hand tight assembly with a maximum design pressure of 5,000 psig (345 bar) and temp 300°F.

Mfg Part #	Description	Unit	Stock #	PRICE
Nozzle Components				
A329320020	32932-2 SS Nozzle Body	EA	178-1420	$36.10
A313520130	31352-13 Viton Orifice O-ring	EA	178-1430	$1.48
A329310013	32931-1 Z\v" NPT Adapter	EA	178-1401	$45.95
Swirl Chambers (tungsten carbide also available)				
A329330011	32933-1 Swirl Chamber SW1-Ceramic	EA	178-1100	$26.59
A329330029	32933-2 Swirl Chamber SW2-Ceramic	EA	178-1102	$26.59
A329330037	32933-3 Swirl Chamber SW3-Ceramic	EA	178-1103	$26.59
A329330045	32933-4 Swirl Chamber SW4-Ceramic	EA	178-1105	$26.59
Orifice Discs (additional sizes available)				
A009020247	902-24 Tungsten Carbide Orifice Disc	EA	178-1024	$46.93
A009020270	902-27 Tungsten Carbide Orifice Disc	EA	178-1027	$46.93
A009020304	902-30 Tungsten Carbide Orifice Disc	EA	178-1130	$46.93
A009020338	902-33 Tungsten Carbide Orifice Disc	EA	178-1133	$46.93
A009020361	902-36 Tungsten Carbide Orifice Disc	EA	178-1136	$46.93
A009020429	902-42 Tungsten Carbide Orifice Disc	EA	178-1137	$46.93
A009020627	902-62 Tungsten Carbide Orifice Disc	EA	178-1162	$46.93
Additional Parts				
A363860006	36386-00 Assembly Tool	EA	178-1400	$27.63

Prices subject to change.

Cesco In-Line Magnetic Separators

MagTraps™ separate metal particles from your product flow reducing the risk of product recalls or line down time. MagTraps utilize powerful rare earth magnets in removing and holding ferrous or work hardened metals and stainless steel fines as small as 0.0001 inches in diameter that can be missed by electronic metal detection sensors. Requires no electricity, has no moving parts, is easy to clean and install, made from 316 stainless steel, and meets or exceeds current USDA and 3-A standards. Available in a variety of connections and elastomers. Call today to discuss your application requirements with one of our product specialists.

The model 135 series are typically used when processing beverages and juices, batters, chopped foods, custards, pulped fruits and vegetables, jellies, minced meats, sauces and soups, syrups, and other products where they are placed in front of pumps, screens, or mills to protect equipment from damage, or in front of fillers to ensure product quality. MagTrap 135 is also available in UF (ultra-filtration), AS (aseptic), and EC (easy clean) versions.

Consider models 115 or 125 when processing fragile solids such as fruit preserves, cooked meats, cottage cheese, or sinewy products where they are placed in front of pumps, screens, or mills to protect equipment from damage, or in front of fillers to ensure product quality.

Size	Connection	Elastomer	Unit	Stock #	PRICE
MagTrap Model 135					
1.5″	Tri Clamp	EPDM	EA	161-1300	$2,573.46
2″	Tri Clamp	EPDM	EA	161-1301	$2,573.46
2.5″	Tri Clamp	EPDM	EA	161-1303	$3,688.95
3″	Tri Clamp	EPDM	EA	161-1304	$3,688.95
4″	Tri Clamp	EPDM	EA	161-1305	$4,608.74
MagTrap Model 125					
1.5″	Tri Clamp	EPDM	EA	161-1201	$3,649.81
2″	Tri Clamp	EPDM	EA	161-1202	$3,649.81
2.5″	Tri Clamp	EPDM	EA	161-1203	$5,381.75
3″	Tri Clamp	EPDM	EA	161-1204	$5,381.75
4″	Tri Clamp	EPDM	EA	161-1205	$5,919.93
MagTrap Model 115					
1.5″	Tri Clamp	EPDM	EA	161-1101	$2,827.87
2″	Tri Clamp	EPDM	EA	161-1102	$2,827.87
2.5″	Tri Clamp	EPDM	EA	161-1103	$4,276.05
3″	Tri Clamp	EPDM	EA	161-1104	$4,276.05

Magnetic separation equipment is also available in other configuruarations such as grates, plates, and ducts for wet or dry products.

Looking for Metal Detectors? We can help with those too!

Just give our Process Systems Specialis a call.

CENTRIFUGAL PUMPS & PARTS

Nelson-Jameson and Alfa Laval Flow Inc.

Nelson-Jameson is a Distributor of Alfa Laval Flow products, and has a tremendous selection of pumps, valves, fittings, parts and other accessories available. With our fast, accurate shipping and our knowledgeable staff, we'll get you what you need fast. Please feel free to call our process systems specialists to help you with your application.

LKH PUMPS & PARTS

Alfa Laval LKH Centrifugal Pumps

You asked for:
- More Flexibility.
- Increased Productivity.
- Easy Maintenance.
- Effective Performance.

Discover these benefits and more with LKH Series pump.

These pumps feature close tolerances, heavier casing and back plate material, and enlarged inlets. This means gentle product handling, lower power consumption and repair costs, very quiet operation and lower NPSH requirements. Alfa Laval also took your parts rooms into consideration in the design of these pumps. The seal kits are common for pump size 5-60 and 70-90! This saves you valuable shelf space and reduces inventory carrying costs.

- Compression Drive Shaft: Mounts to motor shaft with compression ring type coupling instead of set screws like older style pumps. Creates a 100% circumferential fit eliminating vibration that causes excessive wear and noise.
- Threaded Impeller: A 5- or 6-vane impeller threads onto the drive shaft, secured further by a gasketed fine thread nut. This eliminates the need for retainer pins which frequently wear and break causing extensive damage.
- Stainless Adapter Ring: Even our standard adapter ring and motor mount/legs are constructed of 304SS - not painted mild steel that rusts and corrodes like other pumps.
- Simple Seal Design: One size shaft seal fits all pump models! Simplifies and reduces spare parts inventory. Innovative design allows fast seal replacement from the front of the backplate in minutes. Cuts costly downtime.
- Sanitary Design: Suitable for both CIP and manual cleaning, all wetted parts are 316L SS, all other parts 304SS with sanitary polish. Authorized to carry the 3-A symbol.
- Extensive Model Range: Ten standard models with flow rates up to 1000 gpm and head pressures to 500 feet (TDH) available. Plus, multi-stage, high pressure and high purity models. The LKH Series is the industry's only true Complete Line.

LKH is available in twelve sizes, LKH-5, -10, -15, -20, -25,-35,-40,-45,-50,-60,-75 and -90.

LKH standard models feature EPDM elastomers, clamp port connections, and carbon/silicone carbon seals. Stainless steel adjustable legs are not included. Use your own motor or let us supply one.

LKH-P series models for high pressure applications such as membrane filtration.

Options: Nitrile, Viton, and Teflon elastomers; bevel seat, weld, I-Line, H-Line, and other port connections; and silicon carbide/silicon carbide, single flushed, and double flushed seals.

LKH75-high head, low-speed centrifugal pump, is 3-A and EHEDG compliant. With a capacity of up to 530 gpm, it is ideally suited for high volume milk receiving.

LKH Evap models are made specifically for evaporation applications.

To find the pump that is right for your application, please call our pump specialists at 800/826-8302.

Prices subject to change.

Seal Kits for LKH Series Pumps

Standard Kit for all LKH models 5 through 60. Kit contents: Stationary seal ring (1); O-ring for stationary (1); Spring (1); Rotary seal ring (1); O-ring for rotary (1). Additional parts may be required for single flushed and double flushed seals.

Mfg Part #	Elastomers	Materials	Unit	Stock #	PRICE
9612129605	EDPM	Silicone Carbide/Silicone Carbide	KT	383-1001	$479.77
9612129606	Buna	Silicone Carbide/Silicone Carbide	KT	383-7688	$479.77
9612129607	FPM	Silicone Carbide/Silicone Carbide	KT	383-1002	$512.86
9612129608	PTFE	Silicone Carbide/Silicone Carbide	KT	383-1003	$562.48
9612129609	EPDM	Carbon/Silicone Carbide	KT	384-1905	$215.07
9612129610	Buna	Carbon/Silicone Carbide	KT	384-1904	$215.07
9612129611	FPM	Carbon/Silicone Carbide	KT	384-1906	$248.16
9612129612	PTFE	Carbon/Silicone Carbide	KT	234-7262	$297.79

LKH Pump Parts

Listing includes only universal parts used with the LKH-5 - 60 pumps. Additional parts are available, but they are pump model and/or motor size specific. Please call our flow processing specialists for specific part numbers.

Mfg Part #	Diagram #	Description	Unit	Stock #	PRICE
9611990622	8	Connex pin	EA	234-7577	$1.12
961426001	10	Drive ring - single shaft	EA	234-7365	$60.43
9612139701	10	Drive ring - flushed seal	EA	234-7183	$276.00
9612137901	11	Stationary seal ring SC	EA	234-7058	$127.22
9611992149	12	Stationary O-ring EPDM	EA	234-7171	$8.17
9611992150	12	Stationary O-ring Viton	EA	384-7720	$37.32
9611992151	12	Stationary O-ring Buna	EA	234-7059	$8.93
9612137601	13	Spring	EA	234-7057	$16.54
9612136401	14	Rotary seal, carbon	EA	234-7034	$38.81
9612136402	14	Rotary seal, silicone carbide	EA	234-7637	$223.88
9611992145	15	Drive ring, EPDM	EA	234-7170	$5.87
9611992146	15	Drive ring, Viton	EA	234-7160	$26.97
9611992147	15	Drive ring, Buna	EA	234-7035	$6.44
9611990353	18	Nut, backplate	EA	384-7726	$0.58
9611992544	23	Screw for safety shield	EA	384-7712	$6.47
9612133902	40A	Seal housing, double flush	EA	381-1001	$182.71
9612133901	40B	Seal housing	EA	234-7606	$172.39
9611990203	41	Screw for seal housing	EA	234-7607	$0.56
3144600882	43	Lip seal	EA	234-7184	$91.32
9611992153	44	Seal housing O-ring EPDM	EA	234-7608	$15.37
9611992145	45	Drive ring, EPDM	EA	234-7170	$5.87
9611992156	50	Stationary front O-ring	EA	383-7462	$5.90
9612138302	51	Pump seal	EA	384-7476	$264.69
9612308901	52	Spacer for double flush	EA	383-7482	$49.63

LKH Joint/Casing Rings-EPDM

Mfg Part #	Fits Pump	Unit	Stock #	PRICE
9611993560	LKH-5	EA	384-7700	$29.46
9611992137	LKH-10, LKH-15	EA	234-7462	$42.11
9611992141	LKH-20	EA	234-7380	$43.11
9611992983	LKH-25, LKH-35, LKH-45	EA	384-7704	$51.23
9611992171	LKH-40, LKH-50, LKH-60	EA	234-7375	$53.25
9611993211	LKH-70	EA	234-7715	$62.06
9613404701	LKH-90	EA	234-7393	$65.95

Call Customer Service at 800-826-8302

C-SERIES PUMPS & PARTS

PARTS FOR TRI-CLOVER C-SERIES PUMPS

Key #	Description	Model C114 Part No	Stock No.	Model C216 Part No	Stock No	Model C218 Part No	Stock No.	Model C328 Part No	Stock No.	Model C4410 Part No	Stock No
1	Casing (Tri-Clamp) Sanitary	S114M-01C-316 1 1/2" X 1 1/2"	383-1453	S216M-01C-316 2" X 1 1/2	383-1670	S218M-01D-316 2" X 1 1/2"	383-1701	S328M-01C-316 3" X 2"	383-1824	SP4410M-01A-316 4" X 4"	383-7895
1	Casing (Tri-Clamp) Sanitary	S214M-01C-316 2" X 1 1/2"	383-1450	S216-01C-316 2 1/2" X 1 1/2"	383-1671	S318M-01D-316 3" X 1 1/2"	383-1702	S428M-01C-316 4" X 2"	383-1823	SP6410M-01A-316 6" X 4"	383-7896
2	Impeller (Full Size)	S114-02C-316 (4")	383-1466	S216-02C-316 (6")	383-1684	S218-02C-316 (8")	383-1700	S328-02C-316 (8")	383-1825	S5410-02A-316 (10")	382-7633
6	Stub Shaft	Variable		Variable		Variable		Variable		Variable	
11	Backplate	114D-11-316	383-1410	216D-11-316	383-1625	328D-11-316	383-1830	328D-11-316	383-1830	4410D-11-316	383-7894
11B	Backplate (E Balanced)	114E-11B-316	383-1446	216E-11B-316	383-1658	328E-11B-316	383-1843	328E-11B-316	383-1843	4410E-11-316	383-7897
11F	Backplate Pin	216D-11-1-S	383-1627	216D-11-1-S	383-1627	216D-11-1-S	383-1627	216D-11-1-S	383-1627	SC1108D-M	383-7893
11H	Backplate (DG Seat)	SP114G-11-316	383-7626	SP216G-11-316	383-7023	SP328G-11-316	383-7012	SP328G-11-316	383-7012	4410G-11-316	382-7144
17	Follower	114E-17-316	383-1630	216E-17-316	383-1631	328E-17-316	383-1829	328E-17-316	383-1829	4410E-17-316	383-1458
17A	Machine Screw	SC1106E-SS	383-1887	SC1308H-SS	383-1605	SC1308H-SS	383-1605	SC1308H-SS	383-1605	SC1308H-SS	383-1605
17B	O-Ring	17-106-U	383-1396	17-275-U	384-1429	17-274-U	384-1402	17-274-U	384-1402	17-108-U	383-1405
17C	Lockwasher	LWA1100-SS	382-7289	LWA1300-SS	382-7277	LWA1300-SS	382-7277	LWA1300-SS	382-7277	LWA1300-SS	382-7277
17J	Gland Ring (DG Seat)	SP114G-17-316	383-7101	SP216G-17-316	383-7041	SP328G-17-316	383-7031	SP328G-17-316	383-7031	4410G-17-316	383-7011
17K	BoltScrew (DG Seat)	SC1109H-SS	382-7323	SC1309H-SS	383-7042	SC1310H-SS	383-7042	SC1310H-SS	383-7042	SC1310H-SS	383-7042
24	Impeller Retainer	114D-24B-316	383-1415	216D-24B-316	383-1640	328D-24B-316	383-1832	328D-24B-316	383-1832	328D-24C-U	383-1839
24A	Castellated Nut (Impeller)	SP114F-24-316	383-7485	SP216F-24-316	383-7696	SP328F-24-316	383-7867	SP328F-24-316	383-7867	SP4410F-24-316	383-7868
24B	Cotter Pin (Impeller)	16-113-1/8x1-316	383-7234	16-113-1/8x1 1/2-316	383-7234	16-113-1/8x2-316	383-7218	16-113-1/8x2-316	383-7215	16-113-1/8x2-316	383-7215
71A	Adapter Pin	216D-71A-1-S	384-1154	216D-71A-1-S	384-1154	216D-71A-1-S	384-1154	216D-71A-1-S	384-1154	SP5410-11A-1-S	384-7017
75	Clamp Assembly Complete	S114-75AR-S	383-1424	S216-75AR-S	382-1680	S328-75AR-S	383-1828	S328-75AR-S	383-1828	SP4410-75D-S	381-7064
75J	Eye Bolt	S114-75A-04-S	383-7037	S114-75A-04-S	383-7037	S114-75A-04-S	383-7037	S114-75A-04-S	383-7037		
75K	Wing Nut	13MHHS-1 1/2-03-S	384-1180	13MHHS-1 1/2-03S	384-1180	13MHHS-1-1/2-03-S	384-1180	13MHHS-1 1/2-03-S	384-1180		
80	Carbon Seal*	114E-80-1A	383-1430	216E-80-1A	383-1659	328E-80-1A	383-1834	328E-80-1A	383-1834	4410E-80-1	383-1889
80A	Cup	114D-80-3P	383-1435	216D-80-3P	383-1647	328D-80-3P	383-1836	328D-80-3P	383-1836	4410D-80-3	383-1850
80B	O-Ring (Seal)	17-17-U	384-1336	01-11565-19-U	383-1208	S328-80-2-U	383-1852	S328-80-2-U	383-1852	17-15-U	384-1334
80C	Spring	114D-80-4	383-1440	216D-80-4	383-1650	328D-80-4	383-1838	328D-80-4	383-1838	4410D-80-4	383-1848
80G	Cup (E Balanced)	114E-80-3P	383-1436	216E-80-3P	383-1644	328E-80-3P	383-1835	328E-80-3P	383-1835	4410E-80-3	383-1850
80H	Spring (E Balanced)	114E-80-4A	383-1481	216E-80-4A	383-1664	328E-80-4A	383-1844	328E-80-4A	383-1844	4410E-80-4	383-1848
80J	Drive Collar (E Balanced)	114E-23-316	382-7479	216E-23-316	383-1639	328E-23-316	383-1831	328E-23-316	383-1831	4410E-23-316	384-7888
80K	Set Screw (E Balance)	SC903A-SS	383-7212	SC1103A-SS	384-1608	SC1103A-SS	384-1608	SC1103A-SS	384-1608	SC1103A-SS	384-1608
80L	Drive Collar	SP114D-23P-316L	382-1478	SP216D-23P-S	382-1687	SP328D-23P-S	383-7827	SP328D-23P-S	383-7827	4EHD-143-23P-S	383-1236
80M	Set Screw	SC905A-SS	383-1881	SC1105A-SS	383-1688	SC1105A-SS	383-1688	SC1105A-SS	383-1688	SC1105A-SS	383-1688
80N	Type DG Seal Seat (Tung Car)	SP114G-80-1-1-TC	382-7470	SP216G-80-1-1-TC	382-7477	SP328G-80-1-1-TC	382-7166	SP328G-80-1-1-TC	382-7166	4410G-80-1-1-TC	382-1509
80N	Type DG Seal Seat Ceramic	SP114G-80-1-1-CER	382-1351	SP216G-80-1-1-CER	383-7354	SP328G-80-1-1-CER	383-7355	SP328G-80-1-1-CER	383-7355	4410G-80-1-1-CER	382-1242
80N	Type DG Seal Seat(Sil Car)	SP114G-80-1-1-SC	382-1518	SP216G-80-1-1-SC	382-1519	SP328G-80-1-1-SC	383-7877	SP328G-80-1-1-SC	383-7877	4410G-80-1-1-SC	382-7890
80P	Gasket (PTFE)	SP114G-80-1-2-G	382-7473	SP216G-80-1-2-G	382-1241	SP328G-80-1-2-G	383-1245	SP328G-80-1-2-G	383-1245	4410G-80-1-2-G	383-1456
83C	Suffing Box (E Balanced)	114E-83C-316	383-1449	216E-83B-316	383-1665	328E-83B-316	383-1847	328E-83B-316	383-1847	4410E-83B-316	383-1457
83D	Machine Screw	SC904E-SS	382-1604	SC1106E-SS	383-1887	SC1307E-SS	384-1606	SC1307E-SS	384-1606	SC1307E-SS	384-1606
83E	O-Ring	17-275-U	384-1429	17-122-U	384-1403	17-153-U	383-1404	17-153-U	383-1404	17-153-U	383-1404
90	Casing Gasket	S114-90A-U	383-1470	S216-90A-U	383-1685	S328-90A-U	383-1855	S328-90A-U	383-1855	SP5410-90A-U	383-1990
127	Water Cascade Assembly	1140-127-01	382-7026	216D-127-01	384-1155	328D-127-01	383-1840	328D-127-01	383-1840	328D-127-01	383-1840
127A	Locknut	114D-127-02	382-1442	114D-127-02	382-1442	114D-127-02	384-1442	114D-127-02	384-1442	114D-127-02	384-1442
133	Washer (Impeller)	SP114-133-316	383-7210	SP216-133-316	383-7257	SP328-133-316	383-1862	SP328-133-316	383-1862	SP328-133-316	383-1862
207	Adjustable Leg	114D-207-CS	383-1444	Variable		Variable		Variable		Variable	
209A	Set Screw (Square Head)	Variable		Variable		SC1107C4-SS	383-1891	SC1107C4-SS	383-1891	Variable	

* Fits D, E and F Seals. Call for older models with E seals.

C Series

For All C Series Pumps

Note: Depending on type of frame, some older models C114 and 216 with type E seals require a special adapter #71C, and longer mounting screws, #71D

Floating Retainer with Type D or F External Balanced Seals

Additional Type "DG: Clamped-in Seal Seat Components (For use with type D seal)

Floating Retainer with Type E Water Cooled Balanced Double Seal

Threaded Shaft and Castellated Nut Retainer System for Use with Type D, F or E Seals

C-SERIES PUMPS & PARTS

SolidC & LKH Seal Kits

Seal kits fit SolidC pumps 1-4 and LKH pumps 5-60. Kits come standard with silicone carbide stationary seal ring and carbon rotating seal ring. Also available with both seals in silicone carbide and for flushed shaft seals.

Mfg Part #	Description	Unit	Stock #	PRICE
9612129609	EPDM	KT	384-1905	$215.07
9612129610	Buna	KT	384-1904	$215.07
9612129611	FPM	KT	384-1906	$248.16
9612129612	PTFE	KT	234-7262	$297.79

Alfa Laval Flow SolidC Pumps & Parts

Solid Reliability, Solid Value

Not just another sanitary pump, the SolidC is the next generation of Tri-Clover brand C-Series pumps.

- Optimized sanitary design. SolidC takes hygiene to a new level for standard duty pumps. The internal design has been optimized for maximum cleanability. Complies with 3-A, FDA and has EHEDG certification.
- Service the SolidC in minutes. The front-loading shaft seal can be replaced in minutes without removing the backplate.
- One seal for all saves on spare parts costs. For a wide range of plant applications, SolidC will give you more value for your money than any other pump in its class. All four pump sizes in the SolidC range are fitted with the same superior shaft seal used in Alfa Laval premium LKH pumps.
- Best of all, when downtime is costly, the new SolidC pump won't let you down.

To meet your specific processing needs, please call our process systems specialists at 800/826-8302. They will help to size the SolidC pump that is right your application.

SolidC Service Kits

Kits include the Universal Seal Kit plus the casing o-ring and impeller screw o-ring.

* Flushed seal also known as wet seal.

Mfg. Part #	Description	Unit	Stock #	PRICE
Single Shaft Seal (EPDM)				
9611922454	SolidC-1	KT	234-7746	$239.08
9611922471	SolidC-2	KT	234-7747	$243.60
9611922487	SolidC-3	KT	234-7748	$246.90
961122503	SolidC-4	KT	234-7749	$249.09
Flushed Shaft Seal (EPDM)				
9611922462	SolidC-1	KT	383-7746	$391.39
9611922479	SolidC-2	KT	383-7747	$395.91
9611922495	SolidC-3	KT	383-7748	$399.20
9611922511	SolidC-4	KT	383-7749	$401.40

C-Series Pump Seal Kits - Kit 1

Kit 1 with standard Buna elastomers contains: Casing gasket (1 D or F seal; 1 E seal); Seal O-ring (1 D or F seal; 2 E seals); Carbon seal (1 D or F seal; 2 E seals); Impeller retainer (1 D or F seal; 1 E seal).

Fits These Pumps	Seals	Unit	Stock #	PRICE
C114/SP114	D or F Seals	KT	383-1102	$31.00
C216/SP216	D or F Seals	KT	383-1114	$38.56
C218/C328/SP218/SP328	D or F Seals	KT	383-1126	$25.54
C4410	D or F Seals	KT	383-1134	$104.21
C216/SP216	E Seals	KT	383-1120	$48.09
C218/C328/SP218/SP328	E Seals	KT	383-7108	$67.44

C-Series Pump Seal Kits - Kit 2

Kit 2 with standard Buna elastomers contains: Casing gasket (3); Seal O-ring (3); Carbon seal (3).
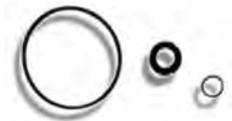
Fits These Pumps	Seals	Unit	Stock #	PRICE
C114/SP114	D or F Seals	KT	383-1103	$85.54
C216/SP216	D or F Seals	KT	383-1115	$87.14
C218/C328/SP218/SP328	D or F Seals	KT	383-1127	$119.56

C-Series Pump Seal Kits - Kit 3

Kit 3 with standard Buna elastomers contains: Carbon seal (1 D or F seal; 2 E seals); Seal O-ring (1 D or F seals; 2 E seals); Cup (1 D or F seal; 2 E seals); Spring (1).

Fits These Pumps	Seals	Unit	Stock #	PRICE
C114/SP114	D or F Seals	KT	383-1104	$24.51
C216/SP216	D or F Seals	KT	383-1116	$20.83
C218/C328/SP218/SP328	D or F Seals	KT	383-1128	$24.64
C216/SP216	E Seals	KT	383-1122	$62.67
C218/C328/SP218/SP328	E Seals	KT	383-1133	$80.81

GHC Series Pump Seal Kits

Standard Kit for GHC pumps with single seal and EPDM elastomers. Kit contents: Stationary seal ring (1); O-ring for stationary (1); Spring (1); Rotary seal ring (1); O-ring for rotary (1). Options: Flushed double and other elastomer kits also available.

Fits Pump	Materials	Unit	Stock #	PRICE
GHC-0	Carbon/Silicone Carbide	KT	234-7267	$74.90
GHC-1	Carbon/Silicone Carbide	KT	234-7258	$178.79
GHC-2/GHC-3	Carbon/Silicone Carbide	KT	234-7000	$315.68
GHC-2/GHC-3	Silicone Carbide/Silicone Carbide	KT	234-7010	$401.95

Prices subject to change.

ALFA LAVAL POSITIVE DISPLACEMENT PUMP

Alfa Laval Positive Displacement Pumps

SRU and SX Rotary Lobe Pumps

When gentle, sanitary processing of viscous product is a must, consider a positive displacement pump from Alfa Laval Flow. Pumps easily handle low, medium and high viscosity media due to the non-contact pump element design. The hygienic, anticorrosive stainless steel construction and smooth pumping action have long established these pumps in the food, beverage, dairy, and pharmaceutical industries. Features include:

- Gentle transfer of delicate suspended solids.
- Bi-directional operation.
- Compact size with high performance and low energy input.
- Ability to pump shear sensitive media.
- Easy maintenance.

Choose from two models:

The SRU Rotary Lobe Pump offers heavy-duty construction and easy maintenance, and is often referred to as the workhorse of the rotary lobe pumps range. The SX Rotary Lobe Pump is the ultimate solution for ultra-clean processes where the integrity of the end product is vital.

Call the Pump Specialists at Nelson-Jameson to find the pump that is right for your application.

SRU Pump Hyclean Seal Kits

Hyclean single mechanical seal kits include: Rotary case O-ring; Wave spring; Shaft O-ring; Stationary seal ring O-ring; Rotary seal ring; Washer and clip. Hyclean single flushed seal kits are also available and include the above plus: O-ring; Seal housing and lip seal; but do not include the clip. Kits are available with Buna, Viton, EPDM or Teflon elastomers. Kits listed contain EPDM elastomers.

Please call our Flow Product Experts for assistance in ordering Hyclean Flushed, R90 Single Mechanical Seals or R90 Double Mechanical Seals.

Mfg. Part #	Rotary Seal/Stationary Seal Ring	Unit	Stock #	PRICE
For SRU1 Pump				
9630053608	Stainless Steel/Carbon	KT	234-7961	$486.67
9630090686	Silicone Carbide/Carbon	KT	234-7962	$640.23
9630053609	Silicone Carbide/Silicone Carbide	KT	234-7963	$762.11
For SRU2 Pump				
9630046731	Stainless Steel/Carbon	KT	234-7098	$519.19
9630046747	Silicone Carbide/Carbon	KT	234-7965	$682.51
9630046760	Silicone Carbide/Silicone Carbide	KT	234-7966	$811.71
For SRU3 Pump				
9630046735	Stainless Steel/Carbon	KT	234-7967	$567.74
9630046751	Silicone Carbide/Carbon	KT	234-7968	$744.45
9630046763	Silicone Carbide/Silicone Carbide	KT	234-7969	$885.83
For SRU4 Pump				
9630046741	Stainless Steel/Carbon	KT	234-7970	$652.75
9630046754	Silicone Carbide/Carbon	KT	234-7971	$861.16
9630046767	Silicone Carbide/Silicone Carbide	KT	234-7972	$1,026.92
For SRU5 Pump				
9630046744	Stainless Steel/Carbon	KT	234-7973	$823.40
9630046757	Silicone Carbide/Carbon	KT	234-7974	$1,098.84
9630046771	Silicone Carbide/Silicone Carbide	KT	234-7975	$1,318.22
For SRU6 Pump				
9630041719	Stainless Steel/Carbon	KT	234-7976	$1,217.02
9630041729	Silicone Carbide/Carbon	KT	234-7977	$1,649.69
9630041720	Silicone Carbide/Silicone Carbide	KT	234-7978	$1,994.61

Call Customer Service at 800-826-8302

ALFA LAVAL POSITIVE DISPLACEMENT PUMP

SRU Pumps & Parts

This PD pump can handle low to high viscosity media, is CIP-able and conforms to 3-A Sanitary Standard. The characteristic smooth, low shear pumping action is ideal for products such as creams, gels, emulsions, aerated mixtures, delicate cells and organic solids in suspension.

The compact SRU is highly efficient, capable to flow rates up to 466 gpm and pressures up to 290 psi. The improved modular design provides for greater application flexibility and cost effective, easy maintenance.

Call our Pump Specialist to configure the right pump for your application.

OptiLobe Pumps

Combining cost-effective simplicity with Alfa Laval quality and realiability is the new OptiLobe rotary lobe pump for general applications. Available in an optimized range with fewer options. OptiLobe is the latest example of Alfa Laval's leadership in innovative design and advanced manufacturing processes.

- Flows up to 211 US Gal/Min.
- Pressures up to 115 psi.
- Temperatures up to 266°F.
- Tri-lobe rotors.
- Front-loading rotors and seals for quick and easy inspection/replacement.
- Universal mounting on all models.
- 3-A, EHEDG and FDA certified.
- Designed for Cleaning In Place (CIP).

SCPP Series Pump

The SCPP is a circumferential piston pump, compatible with the Waukesha Universal Series pumps. It is best suited for applications that are low in viscosity with medium to high discharge pressures for food, beverage and other hygienic applications. Four-way mounting allows for horizontal or vertical porting.

- Comprehensive circumferential piston pump range
- Handles challenging suction conditions
- Higher efficiencies on low viscosities

Please call our Pump Specialists to help you configure the right pump for your application today.

Like the convenience of ordering online?
Check out our new look at nelsonjameson.com

Prices subject to change.

PR Series Pump Seal Kits

Kit 1 with standard Buna® elastomers. Kit contents: Casing O-ring (1); Shaft O-ring (2); Body O-ring (2 for PR/PRE pumps; 4 for PRED pumps); Seal ring (2 for PR/PRE pumps; 4 for PRED pumps); Wear ring (2); Impeller carbons. Note: Seal kits for PR series pump have components for two shafts. For pumps with metal rotors, order 4 each impeller carbons in addition to the kit. Options: viton or EPDM elastomers.

Fits Pump	Unit	Stock #	PRICE
PR3	KT	383-7025	$157.03
PRE3	KT	383-1007	$192.52
PRED3	KT	383-7036	$285.80
PR10	KT	383-1152	$175.66
PRE10	KT	383-7127	$252.94
PRED10	KT	383-1153	$361.02
PR25	KT	383-1155	$179.59
PRE25	KT	383-1156	$232.88
PRED25	KT	383-1154	$301.88
PRE60/125	KT	383-1166	$237.19
PR60/125	KT	383-1163	$193.77
PRED60/125	KT	383-1165	$340.69
PR300	KT	383-1167	$525.43
PRE300	KT	383-1172	$447.71
PRED300	KT	383-1173	$698.26

HOW TO ORDER Positive Pump Rotors for PR Series Pumps

1 **Select BASE Number:**

R3 - 1 - 02   R10 - 1-1/2 - 02

R25 - 1-1/2 - 02   R60 - 2 - 02

R125 - 2-1/2 - 02 R300 - 4 - 02

Note: This information is imprinted into the pump base or found in your pump's operator's manual.

2 **Specify Number of LOBES:**

If 2-lobe, specify drive (D) or pump (P) shaft rotor.
If 4-lobe, no letter is specified.

3 **Specify TEMPERATURE clearance:**

(Temperature initial is stamped on the core of the rotor.)

Cold (C) = 32° to 140°F
Hot (H) = 140° to 185°F
Hot Hot (HH) = 185° to 200°F

Example: R125 - 2-1/2 - 02 - 2D C U
This would be for a R125 - 2-1/2 - 02 Base (found on pump base), 2-lobe drive, Cold Temperature Clearance, and Buna Material.

4 **Specify MATERIAL:**

U = Buna
T = "T" rubber
E = EPDM
SFY = Viton
TC1 = Metal.
Note: Rotors are generally sold in pairs - be certain to order two "EACHES".

Call Customer Service at 800-826-8302

PD SERIES PUMPS

AMPCO PUMPS & PARTS

GHPD Positive Displacement Pump Seal Kits

AMPCO LC/LD/LF Centrifugal Pumps

Standard Kit with EPDM elastomers; single seal. Kit contents: Case O-ring (1); Wave Spring (1); Shaft O-ring (1); Stationary seal (1); Rotary seal (1); Washer (1). Seal kit has components for one shaft. Options: For optional elastomers, flushed and double flushed seals.

Fits Pump	KMfg Part #	Unit	Stock #	PRICE
322/332	Carbon/Stainless Steel	KT	234-7281	$372.85
322/332	Carbon/Silicone Carbide	KT	234-7286	$640.23
322/332	Silicone Carbide/Silicone Carbide	KT	234-7292	$450.24
422/432	Carbon/Stainless Steel	KT	234-7098	$519.19
422/432	Carbon/Silicone Carbide	KT	234-7287	$419.01
422/432	Silicone Carbide/Silicone Carbide	KT	234-7293	$405.91
522/532	Carbon/Stainless Steel	KT	234-7282	$426.60
522/532	Carbon/Silicone Carbide	KT	234-7288	$520.23
522/532	Silicone Carbide/Silicone Carbide	KT	234-7294	$577.89
622/632	Carbon/Stainless Steel	KT	382-7446	$429.97
622/632	Carbon/Silicone Carbide	KT	234-7289	$677.67
622/632	Silicone Carbide/Silicone Carbide	KT	234-7295	$718.04
722/732	Carbon/Stainless Steel	KT	234-7284	$565.39
722/732	Carbon/Silicone Carbide	KT	234-7290	$819.40
722/732	Silicone Carbide/Silicone Carbide	KT	234-7182	$932.06
822/832	Carbon/Stainless Steel	KT	234-7285	$712.06
822/832	Silicone Carbide/Silicone Carbide	KT	234-7296	$1,442.05

AMPCO offers three lines of high efficiency centrifugal pumps to meet your sanitary requirements.

LC/LD Series:
- Heavy duty casting with high efficiency design.
- Standard 304 stainless steel adapter to resist corrosion.
- 100% dimensionally and hydraulically interchangeable with Fristam's competing pumps.
    - LC Single Seal pump can replace FPX models.
    - LD Double Seal pump can replace FP models.

LF Series:
- Front-loading seal for easy maintenance.
- Improved seal design reduces product build-up and decreases downtime.
- Single or double seal option - convertible to double seal without changing any other parts.
- High efficiency design and performance offers gentle product handling capability up to 1200 cps.
- Heavy wall construction, tight manufacturing tolerances, dynamically balanced impellers and a self-aligning shaft minimize vibration and promote longer seal life.
- Standard 304 stainless steel adapter to resist corrosion.
- 100% dimensionally and hydralically interchangeable with Fristam's competing pumps.
    - LF Single Seal can replace FPR models.

Most pumps ship within 7-10 days. Replacement parts are readily available.

Call our Pump Specialists for assistance with finding the appropriate pump for your application.

Nelson-Jameson has access to many pump manufacturers and can provide parts, replacements and new equipment. We stock a large variety of seal kits and wear parts and can offer pump maintenance training to plant personnel.

Call the Process Department with interest and questions.

Prices subject to change.

AMPCO Centrifugal Pump Seal Kits

Be prepared for the unexpected. Keep an extra AMPCO Seal Kit on hand. Each kit contains the stainless steel seal and spring assembly, all gaskets and O-rings, and a tube of threadlocking adhesive.

Description	Kit #	Fits These Pumps	Seal Size	Unit	Stock #	PRICE
48-1-0341	GS8103410	ZC, ZC-1, ZP, ZF	1¼"	KT	031-1002	$190.60
48-1-0685	GS8106850	DC-2-2½" x 2"	1¼"	KT	031-1001	$190.60
48-1-0343	GS8103430	ZCH, ZPH	1⅝"	KT	031-1005	$351.01
48-1-0553	GS8105530	ZCH-2"	1⅝"	KT	031-1006	$351.01
48-1-0689	GS8106890	DCH-2-3" x 2½"	1⅝"	KT	031-1007	$351.01

AMPCO ZP Positive Displacement Pumps

100% interchangeable (hydrauically and dimensionally) with Waukesha U1 and U2 pumps, and include significant upgrades as well.

All ZP pumps include:
- Stainless steel gear case.
- Alloy 88 rotors.
- 17-4PH H1150 shafts.
- Helical gears.
- 4-way mounting.
- Multiple access threaded grease fitting.
- Solid wave spring.
- Antimicrobial lubricant.
- 6 oil fill plugs.
- Oil sight glass.
- Gasketed clean-out plugs.

ZP1 and ZP2 models can be rebuilt with oversized rotors to extend the pumps useful life. A complete rebuild with new shafts, gears, bearing and rotors include a one year factory warranty.

Call our Pump Specialists for assistance with finding the appropriate pump for your application.

AMPCO PD Pump Remanufacturing Program

Reconditioning an existing pump is a significantly lower-cost alternative to purchasing a new replacement pump. Restore your Ampco ZP Series, Waukesha® Universal I and II series style pump, as well as Wright® TRA10 and TRA20 (from the 006 to the 320) back to their original performance and efficiency. Ampco reconditioned pumps offer complete interchangeability, high quality and reliability.

Advantages of Ampco's remanufacturing program:
- Reconditioning up to four times, depending on wear and model.
- All assembled pumps are performance tested.
- Shafts upgraded to 17-4 PH.
- Powder coated finish on gear case.
- Helical gears.
- Stainless steel bearing retainers.
- Options available to improve pump wear.
- Two week turnaround.
-

Choose from four different remanufacture/repair options:
1. Complete recondition - includes one year warranty.
2. Fluid end only recondition.
3. Fluid end only remachine.
4. Inspect and repair.

For more details, please contact our Pump Specialists at 800/826-8302.

FRISTAM PUMPS & PARTS

Fristam Pumps & Replacement Parts

Nelson-Jameson is the place to get Fristam parts as well as full pumps. We have a wide variety of Fristam parts in stock and can quote out new and/or replacement pumps. Our technical services specialists are more than happy to help you identify the parts you need. Please have your pump serial number available when you call. We are looking forward to handling all of your Fristam pump needs!

Chrome Oxide Seal Kits to Fit Fristam Pumps

Nelson-Jameson is pleased to offer an extensive line of aftermarket seal kits and cover gaskets to fit Fristam pumps. Utilizing an OEM style chrome-oxide rotating seal, you can use these first quality parts with confidence, and save money!

Mfg. Part #	Previous Mfg. Part #	Description	Unit	Stock #	PRICE
1802600000	66502735	633 Double Seal Kit	EA	239-1000	$157.15
1802600002	66502734	633 Single Seal Kit	EA	239-1002	$101.22
1802600009	66503073	735 Double Seal Kit	EA	239-1009	$188.69
1802600010	66507607	FZX 2000 Single Seal Kit	EA	239-1010	$154.50
1802600018	66507615	FZX 2000 Double Seal Kit	EA	239-1018	$221.11
1802600022		FL Double Seal Kit	EA	&39-1022	426.11
1802600027	66504956	735 Single Seal Kit	EA	239-1027	$140.75
1802600028	66505188	FM3 Double Seal Kit	EA	239-1028	$537.29
1802600127	66502784	735 Single Seal Kit	EA	239-1127	$148.58
1802600128	66502795	735 Double Seal Kit	EA	239-1128	$218.92
1802600131	66502996	736 Double Seal Kit	EA	239-1131	$290.38
1802600135	66503790	633 Single Seal Kit	EA	239-1135	$183.73
1802600140	66504274	633 Double Seal Kit	EA	239-1140	$216.10
1802600141	66504594	735 Double Seal Kit	EA	239-1141	$295.55
1802600142	66504702	735 Double Seal Kit	EA	239-1142	$322.76
1802600298	66502793	633 Single Seal Kit	EA	239-1298	$124.18
1802600310	66502789	736 Double Seal Kit	EA	239-1310	$183.97
1802600653		758 Single Seal Kit	EA	239-1653	$172.01
1802600678		757 Single Seal Kit	EA	239-1678	$197.73
1802600775		757 Double Seal Kit	EA	239-1775	$195.46

Silicone Carbide Seal Kits to Fit Fristam Pumps

Save money on our after-market seal kits to fit Fristam pumps with silicone carbide rotating seals.

Mfg. Part #	Previous Mfg. Part #	Description	Unit	Stock #	PRICE
1802600003	66500486	633 Double Seal Kit	EA	239-1003	$163.56
1802600004	66500488	633 Single Seal Kit	EA	239-1004	$100.95
1802600005	65501056	633 Single Seal Kit	EA	239-1005	$180.33
1802600006	66501057	633 Double Seal Kit	EA	239-1006	$251.74
1802600012	66507609	FZX Single Seal Kit	EA	239-1012	$325.56
1802600129	66502943	735 Double Seal Kit	EA	239-1129	$244.80
1802600130	66502944	735 Double Seal Kit	EA	239-1130	$320.00
1802600132	66503270	736 Single Seal Kit	EA	239-1132	$332.70
1802600288	65502938	735 Double Seal Kit	EA	239-1288	$225.17
1802600292	66504707	735 Single Seal Kit	EA	239-1292	$182.11
1802600295	66503015	633 Double Seal Kit	EA	239-1295	$168.10
1802600296	66502939	735 Single Seal Kit	EA	239-1296	$162.21
1802600306	66504957	FT Single Seal Kit	EA	239-1306	$289.29
1802600337	66503289	736 Single Seal Kit	EA	239-1037	$261.92
1802600373	66503072	736 Double Seal Kit	EA	239-1007	$498.02

Prices subject to change.

Fristam Seal Kits

Maintain your pump warranty with original manufacturer Fristam seal kits. These front-loading seal kits are made of chrome oxide and are designed to prolong the life of your high efficiency centrifugal and liquid ring pumps.

Mfg Part #	Previous Mfg. Part #	Description	Materials	Unit	Stock #	PRICE
1802600000	66502735	633 Double Seal Kit	CrO/C/Cer/Viton	EA	209-7100	$198.03
1802600002	66502734	633 Single Seal Kit	CrO/C/Viton	EA	209-7802	$135.24
1802600003	66500486	633 Double Seal Kit	SiC/Cer/Viton	EA	209-7103	$212.52
1802600004	66500488	633 Single Seal Kit	SiC/C/Viton	EA	209-7104	$149.73
1802600005	65501056	633 Single Seal Kit	SiC/SiC-C/Viton	EA	209-1805	$246.33
1802600006	66501057	633 Double Seal Kit	SiC/SiC-C/Cer/Viton	EA	209-7106	$309.12
1802600009	66503073	736 Single Seal Kit	CrO/C/Viton	EA	209-7009	$275.31
1802600010	66507607	FZX 2000 Single Seal Kit	CrO/C/Viton	EA	209-1810	$212.52
1802600012	66507609	FZX Single Seal Kit	SiC/SiC/Viton	EA	209-7112	$405.72
1802600018	66507615	FZX 2000 Double Seal Kit	CrO/C/C/Viton	EA	209-1618	$299.46
1802600022		FL Double Mechanical Seal Kit	SiC/C/C/Viton	EA	209-1622	$367.08
1802600027	66504956	735 Single Seal Kit	CrO/C/Viton	EA	209-7027	$222.18
1802600028	66505188	FM3 Double Seal Kit	CrO/C/Viton	EA	209-1028	$811.44
1802600029	66505189	FPH 354 Double Seal Kit	SiC/SiC/SiC/C/Viton	EA	209-7029	$753.48
1802600071	66508404	FKL 50 Double Seal Kit	SiC/SiC/C/EPDM	EA	209-1071	$1,014.30
1802600081	66506982	FLK 75 Single Seal Kit	S/CrO/Viton	EA	209-1081	$531.30
1802600089	66506988	FKL 75 0-Ring Seal Kit	Viton	EA	209-7089	$33.81
1802600118	66506614	FKL 400 Single Seal Kit	C/CrO/EPDM	EA	209-1118	$1,062.60
1802600127	66502784	735 Single Seal Kit	CrO/C/Viton	EA	209-7127	$202.86
1802600128	66502795	735 Double Seal Kit	CrO/C/Cer/Viton	EA	209-7128	$280.14
1802600129	66502943	735 Double Seal Kit	SiC/SiC-C/Viton	EA	209-7129	$352.59
1802600130	66502944	735 Double Seal Kit	SiC/SiC-C/Cer/Viton	EA	209-7130	$429.87
1802600131	66502996	736 Double Seal Kit	CrO/C/Cer/Viton	EA	209-7131	$391.23
1802600132	66503270	736 Single Seal Kit	SiC/SiC-C/Viton	EA	209-7132	$415.38
1802600135	66503790	633 Single Seal Kit	CrO/SiC-C/Viton	EA	209-1135	$246.33
1802600140	66504274	633 Double Seal Kit	CrO/SiC-C/Cer/Viton	EA	209-1140	$309.12
1802600141	66504594	735 Double Seal Kit	CrO/SiC-C/Viton	EA	209-7141	$415.38
1802600142	66504702	735 Double Seal Kit	CrO/SiC-C/Cer/Viton	EA	209-7142	$429.87
1802600144	66503992	633 Double Seal Kit	SiC/SiC-C/Cer/Viton	EA	209-7144	$309.12
1802600155	66506099	FKZ O-Ring Seal Kit	Viton	EA	209-1155	$386.40
1802600220	66503372	735 Single Seal Kit	SiC/C/Viton	EA	209-7220	$405.72
1802600275	66504745	735 Double Seal Kit	SiC/C/Viton	EA	209-1275	$405.72
1802600277	66502119	FM Seal Kit with Flush	SiC/SiC/Viton	EA	209-1277	$763.14
1802600288	65502938	735 Double Seal Kit	SiC/C/Cer/Viton	EA	209-7288	$294.63
1802600289	66503781	FPH Seal Kit	SiC/SiC/Viton	EA	209-1289	$705.18
1802600292	66504707	735 Single Seal Kit	SiC/C/Viton	EA	209-7292	$217.35
1802600295	66503015	633 Double Seal Kit	SiC/C/SiC/Viton	EA	209-7295	$260.82
1802600296	66502939	735 Single Seal Kit	SiC/C/Viton	EA	209-7296	$217.35
1802600298	66502793	633 Single Seal Kit	CrO/C	EA	209-7298	$154.56
1802600300	66502792	633 Single Seal Kit	CrO/C/EPDM	EA	209-7030	$135.24
1802600306	66504957	FT Single Seal Kit	SiC/SiC/Viton	EA	209-1306	$367.08
1802600310	66502789	736 Double Seal Kit	CrO/C/Viton	EA	209-1310	$270.48
1802600328	66505126	736 Double Seal Kit	SiC/C/Cer/Viton	EA	209-7428	$405.72
1802600337	66503289	736 Single Seal Kit	SiC/C/Viton	EA	209-7337	$275.31
1802600373	66503072	736 Double Seal Kit	SiC/SiC-C/SiC/Viton	EA	209-7007	$483.00
1802600470	1802600470	FKL 250 Single Seal Kit	FR/C/Viton	EA	209-1470	$1,352.40
1802600651		757 Single Seal Kit	CrO/C/Viton	EA	209-1651	$212.52
1802600653		758 Single Seal Kit	CrO/C/Viton	EA	209-1653	$270.48
1802600678		757 Single Seal Kit	CrO/SiC/Viton	EA	209-1678	$251.16
1802600775		757 Double Seal Kit	CrO/C/Cer/Viton	EA	209-1775	$280.14

Call Customer Service at 800-826-8302

FRISTAM PUMPS & PARTS

Cover Gaskets to Fit Fristam Pumps

Mfg Part #	Unit	Stock #	PRICE
1180000016	EA	209-1016	$21.10
1180000017	EA	209-1017	$21.10
1180000018	EA	209-1018	$22.62
1180000019	EA	209-1019	$27.30
1180000021	EA	209-1021	$8.44
1180000026	EA	209-1026	$33.97
1180000031	EA	209-1031	$35.18
1180000033	EA	209-1033	$6.33
1180000057	EA	209-1057	$5.62
1180000058	EA	209-1058	$7.04
1180000060	EA	&$9-1060	4.82
1180000090	EA	209-1090	$19.70
1180000091	EA	209-1091	$14.79
1180000092	EA	209-1092	$10.52
1180000330	EA	209-1330	$17.61
1180000331	EA	209-1331	$4.13
1180000332	EA	209-1332	$4.13
1180000333	EA	209-1333	$4.92
1180000334	EA	209-1334	$4.92
1180000335	EA	209-1335	$22.33
1180000336	EA	209-1022	$4.92
1180000337	EA	209-1337	$6.33
1180000338	EA	209-1338	$27.07
1180000339	EA	209-1339	$8.44
1180000345	EA	209-1345	$7.04
1180000349	EA	209-1349	$7.02
1180000351	EA	209-1351	$7.04
1180000352	EA	&09-1352	7.02
1180000353	EA	209-1353	$16.38
1180000357	EA	209-1357	$4.83
1180000360	EA	&09-1360	22.16

THOMSEN PUMP PARTS

Seal Kits for Thomsen Pumps

Model #4 Internal Seal Kit contains: (1) Teflon seal; (1) O-ring; (1) Spring; (1) Head O-ring; and (2) Impeller clips.
Model #4 External Seal Kit contains: (1) Head O-ring; (1) Carbon seal assembly; and (2) Impeller clips.
Model #6 Internal Seal Kit contains: (1) Teflon seal; (3) O-rings; (1) Spring; (1) Head O-ring; and (2) Impeller clips.
Model #6 External Seal Kit contains: (1) Head O-ring; (1) Carbon seal assembly; and (2) Impeller clips.
Please contact our technical service department for pumps, other replacement parts or questions.

Description	Unit	Stock #	PRICE
Model #4 Seal Kits			
9355-BO Internal Seal Kit	KT	672-7016	$21.43
9355-VO Internal Seal Kit	KT	672-7044	$36.07
9222-BO External Seal Kit	KT	672-7048	$52.99
9222-VO External Seal Kit	KT	672-7049	$78.90
Model #6 Seal Kits			
9357-BO Internal Seal Kit	KT	672-7039	$21.76
9357-VO Internal Seal Kit	KT	672-7040	$37.20
9224-BO External Seal Kit	KT	672-7050	$52.99
9224-VO External Seal Kit	KT	672-7051	$76.66

Prices subject to change.

WAUKESHA CHERRY-BURRELL PUMPS & PARTS

Waukesha Cherry-Burrell Universal II Positive Displacement Pumps

Positive displacement pump series from Waukesha Cherry-Burrell, the Universal II line features 3-way universal mounting versatility with new features that extend the pump life and improve performance.

- Cover is free draining in either horizontal or vertical port positions.
- Aseptic design and CIP capable options available.
- Single mechanical seals are standard, but double mechanical seals are available.
- Bi-directional flow means secure rotation in either direction.
- Interchangeable installation with Universal I and Lobe PD pumps.

Call our flow product specialists for help to identify the right pump for your application.

Universal II Model 015-U2 Pump Parts

Keep your positive displacement pump running efficiently while staying within budget by saving money on our reliable after market parts. Mechanical seal parts will fit pump models 006, 014, 015 and 018. All Nitrile elastomers are also available in Viton and EPDM. OEM versions of these parts are also available, just ask your customer service representative!

Mfg. Part #	Description	Unit	Stock #	PRICE
N70028	Inner Seal O-ring, Nitrile	EA	739-7128	$0.34
N70024	Shaft O-ring, Nitrile	EA	739-7124	$0.68
N70121	Rotor Hub O-ring, Nitrile	EA	739-1121	$0.34
N70126	Rotor Nut O-ring, Nitrile	EA	739-1100	$0.43
N70112	Retainer O-ring, Nitrile	EA	739-1112	$0.32
N70249	Pump Cover O-ring, Nitrile	EA	739-1249	$2.69
101651	Inner Seal, Carbon	EA	739-1651	$30.75
101679	Outer Seal, Carbon	EA	739-1679	$73.67
101667	Seal Seat, Ceramic	EA	739-1667	$68.21
101683	Wave Spring (Inner)	EA	739-1683	$3.22
101684	Wave Spring (Outer)	EA	739-1684	$2.57

Universal II Model 030-U2 Pump Parts

Mechanical seal parts will fit pump models 030, 034 & 040. All Nitrile elastomers are also available in Viton and EPDM. OEM versions of these parts are also available.

Mfg. Part #	Description	Unit	Stock #	PRICE
N70031	Inner Seal O-ring, Nitrile	EA	739-1331	$0.47
N70029	Shaft O-ring, Nitrile	EA	739-1029	$0.43
N70127	Rotor Hub O-ring, Nitrile	EA	739-1127	$0.51
N70130	Rotor Nut O-ring, Nitrile	EA	739-1130	$0.68
N70115	Retainer O-ring, Nitrile	EA	739-1115	$0.86
N70259	Pump Cover O-ring, Nitrile	EA	739-1259	$3.46
101655	Inner Seal, Carbon	EA	739-1655	$48.32
101680	Outer Seal, Carbon	EA	739-1680	$48.32
101670	Seal Seat, Ceramic	EA	739-1670	$114.71
101685	Wave Spring (Inner)	EA	739-1685	$7.49
101686	Wave Spring (Outer)	EA	739-1686	$8.21

Universal II Model 060-U2 Pump Parts

Mechanical seal parts will fit pump models 045, 064, 130 and 134. All Viton elastomers are also available in Nitrile and EPDM. Please call for more details.

Mfg. Part #	Description	Unit	Stock #	PRICE
V70035	Inner Seal O-ring, Viton	EA	739-1035	$3.12
V70133	Shaft O-ring, Viton	EA	739-1133	$3.66
V70224	Rotor Hub O-ring, Viton	EA	739-1669	$1.85
V70227	Rotor Nut O-ring, Viton	EA	739-1227	$4.74
V70119	Retainer O-ring, Viton	EA	739-1119	$1.80
V70373	Pump Cover O-ring, Viton	EA	739-1373	$17.52
101659	Inner Seal, Carbon	EA	739-1659	$102.32
101681	Outer Seal, Carbon	EA	739-1681	$66.83
101673	Seal Seat, Ceramic	EA	+39-1673	107.90
101687	Wave Spring (Inner)	EA	739-1687	$11.02
101688	Wave Spring (Outer)	EA	739-1688	$14.48

Call Customer Service at 800-826-8302

MOTORS

Sterling Stainless Steel Electric Motors

These PREMIUM and ESIA 2007 efficiency washdown rated motors are designed with a smooth, 304 stainless steel body for superior cleanability and will withstand high pressure washing. NEMA-MG1 rated. 1-year warranty. Available in sizes from 1/3 to 20 HP with a variety of frame options. Contact our specialists for assistance in configuring the correct motor for your application.

Features:
- All stainless steel construction.
- Class 'F' insulation, 1.15 service factor.
- Suitable for 208 volt operation.
- C-Face supplied with internally locked drive end bearing.
- Suitable for inverter use per NEMA MG1-Part 31.4.4.2.

Mfg Part #	Horsepower Size	Footed Frame	Enclosure	Efficiency	Wt	Unit	Stock #	PRICE
1800 RPM, 3PH, 230/460V								
SBY034MHA	1/3 HP	56C	TENV	EISA 2007	26	EA	555-1502	$301.64
SBY054MHA	1/2 HP	56C	TENV	EISA 2007	28	EA	555-1503	$307.23
SBY074MHA	3/4 HP	56C	TENV	EISA 2007	30	EA	555-1504	$354.71
SB0014PHA	1 HP	56C	TEFC	EISA 2007	32	EA	555-1505	$370.07
XH0014PHA	1 HP	143TC	TEFC	Premium	38	EA	555-1506	$425.93
SBY154PHA	1.5 HP	56C	TEFC	EISA 2007	36	EA	555-1507	$386.83
XHY154PHA	1.5 HP	145TC	TEFC	Premium	42	EA	555-1508	$431.52
SB0024PHA	2 HP	56C	TEFC	EISA 2007	40	EA	555-1509	$508.33
XH0024PHA	2 HP	145TC	TEFC	Premium	44	EA	555-1510	$551.62
XH0034PHA	3 HP	182TC	TEFC	Premium	83	EA	555-1511	$871.42
XH0054PHA	5 HP	184TC	TEFC	Premium	98	EA	555-1500	$895.13
XHY754PHA	7.5 HP	213TC	TEFC	Premium	146	EA	555-1512	$1,472.63
XH0104PHA	10 HP	215TC	TEFC	Premium	190	EA	555-1513	$1,614.38
XH0154PHA	15 HP	254TC	TEFC	Premium	282	EA	555-1514	$2,820.56
XH0204PHA	20 HP	256TC	TEFC	Premium	328	EA	555-1515	$3,055.50
3600 RPM, 3PH, 230/460V								
SBY032MHA	1/3 HP	56C	TENV	EISA 2007	22	EA	555-1516	$269.52
SBY052MHA	1/2 HP	56C	TENV	EISA 2007	28	EA	555-1517	$273.71
SBY072MHA	3/4 HP	56C	TENV	EISA 2007	30	EA	555-1518	$300.25
SB0012PHA	1 HP	56C	TEFC	EISA 2007	31	EA	555-1519	$350.52
XH0012PHA	1 HP	143TC	TEFC	Premium	35	EA	555-1520	$444.09
SBY152PHA	1.5 HP	56C	TEFC	EISA 2007	35	EA	555-1521	$388.23
XHY152PHA	1.5 HP	143TC	TEFC	Premium	42	EA	555-1522	$455.26
SB0022PHA	2 HP	56C	TEFC	EISA 2007	38	EA	555-1523	$431.52
XH0022PHA	2 HP	145TC	TEFC	Premium	43	EA	555-1524	$522.29
XH0032PHA	3 HP	182TC	TEFC	Premium	83	EA	555-1525	$892.36
XH0052PHA	5 HP	184TC	TEFC	Premium	98	EA	555-1526	$916.13
XHY752PHA	7.5 HP	213TC	TEFC	Premium	146	EA	555-1527	$1,530.38
XH0102PHA	10 HP	215TC	TEFC	Premium	190	EA	555-1528	$1,669.50
XH0152PHA	15 HP	254TC	TEFC	Premium	264	EA	555-1529	$2,867.81
XH0202PHA	20 HP	256TC	TEFC	Premium	306	EA	555-1530	$3,073.88

Like the convenience of ordering online?

Check us out at nelsonjameson.com

Prices subject to change.

Sterling Rolled Steel Motors

With the same performance and efficiency specifications as Sterling's stainless steel motors, rolled steel is also available for a lower price. Contact our specialists for assistance in configuring the correct motor for your application.

Features:
- Rolled steel frame with cast iron end brackets.
- Sterli-Seal® washdown duty.
- Class 'F' insulation, 1.15 service factor.
- Suitable for 208 volt operation.
- C-Face supplied with internally locked drive end bearing.
- Suitable for inverter use per NEMA MG1-Part 31.4.4.2.

Mfg Part #	Horsepower Size	Footed Frame	Enclosure	Efficiency	Wt	Unit	Stock #	PRICE
1800 RPM, 3PH, 230/460V								
NBY054MHA	1/2 HP	56C	TENV	EISA 2007	28	EA	555-1531	$254.16
NBY074MHA	3/4 HP	56C	TENV	EISA 2007	30	EA	555-1532	$293.27
NB0014PHA	1 HP	56C	TEFC	EISA 2007	32	EA	555-1533	$307.23
DH0014PHA	1 HP	143TC	TEFC	Premium	34	EA	555-1534	$356.11
NBY154PHA	1.5 HP	56C	TEFC	EISA 2007	36	EA	555-1535	$317.01
DHY154PHA	1.5 HP	145TC	TEFC	Premium	38	EA	555-1536	$370.07
NB0024PHA	2 HP	56C	TEFC	EISA 2007	40	EA	555-1537	$399.40
DH0024PHA	2 HP	145TC	TEFC	Premium	40	EA	555-1538	$448.28
DH0034PHA	3 HP	182TC	TEFC	Premium	84	EA	555-1539	$532.07
DH0054PHA	5 HP	184TC	TEFC	Premium	98	EA	555-1540	$618.65
DHY754PHA	7.5 HP	213TC	TEFC	Premium	146	EA	555-1541	$791.82
DH0104PHA	10 HP	215TC	TEFC	Premium	156	EA	555-1542	$920.06
3600 RPM, 3PH, 230/460V								
NBY052MHA	1/2 HP	56C	TENV	EISA 2007	28	EA	555-1543	$229.03
NBY072MHA	3/4 HP	56C	TENV	EISA 2007	28	EA	555-1544	$251.37
NB0012PHA	1 HP	56C	TEFC	EISA 2007	32	EA	555-1545	$293.27
NBY152PHA	1.5 HP	56C	TEFC	EISA 2007	35	EA	555-1546	$322.59
DHY152PHA	1.5 HP	145TC	TEFC	Premium	37	EA	555-1547	$371.47
NB0022PHA	2 HP	56C	TEFC	EISA 2007	36	EA	555-1548	$357.50
DH0022PHA	2 HP	145TC	TEFC	Premium	41	EA	555-1549	$438.50
DH0032PHA	3 HP	182TC	TEFC	Premium	75	EA	555-1550	$557.20
DH0052PHA	5 HP	184TC	TEFC	Premium	94	EA	555-1551	$643.79
DHY752PHA	7.5 HP	213TC	TEFC	Premium	124	EA	555-1552	$804.56
DH0102PHA	10 HP	215TC Frame	TEFC	Premium	190	EA	555-1553	$955.50

Sterling Motors are also available in cast iron. Additional standard motors and custom motors available. Call our technical specialists to discuss your specifications today!

Call Customer Service at 800-826-8302

AIR OPERATED DOUBLE DIAPHRAGM PUMPS (AODD)

3-A Sanitary Double Diaphragm Pumps

Standard Pump's 3-A Sanitary Series Double Diaphragm Pumps are a fully documented, hygienic solution specifically designed for the dairy process industry. The swivel mounting stand allows for CIP cleaning or easy disassembly for COP cleaning.

Other features include:
- Stainless steel components with 32RA finish.
- Product temperature range of -35 to 220°F.
- PTFE elastomers and Fuzed® PTFE diaphragms.

Mfg Part #	Inlet/Outlet	Max GPM	Max Particle Size	Unit	Stock #	PRICE
SP3A15NPT	1½"/1½"	51	⅜"	EA	345-1315	$8,210.08
SP3A20NPT	2"/2"	147	⅝"	EA	345-1320	$11,302.20

Wilden Diaphragm Pump

The Wilden P1 Pro-Flo™ air-operated double diaphragm pump is designed to add value to your liquid process system by concentrating the performance you need into a compact footprint. Their unique design features, multiple material options, and superb performance will save you money by increasing your efficiencies and application needs. Other body material and elastomers are available. Please contact our flow product specialists for additional pumps and parts to fit your needs.

Features:
- Port sizes - 1/2" FNPT.
- Wetted housing - polypropylene.
- Diaphragms - PTFE.
- Balls - PTFE.
- Seats - Kynar® (PVDP).
- Maximum flow rate - 15 gpm.
- Maximum suction lift - 20 feet (dry), 31 feet (wet).
- Maximum pressure - 125 psi.

Model	Description	Temp Limits	Unit	Stock #	PRICE
P1/PPPPP/TNU/TH/KTV	Polyproylene body, PTFE elastomer	40°F - 220°F	EA	841-1050	$780.90

Yamada® Double Diaphragm Pumps

Yamada NDP Series pumps are the backbone of its industrial line of air-powered double diaphragm pumps (AODD). A unique, patented air-valve design ensures stall free operation throughout product life. Bolted constructions and common component replaceable parts maximize uptime and increase profitability.

- Intake and discharge connection - 1/4" female NPT.
- Air inlet - 1/4" female NPT (includes ball valve).
- Air exhaust - 3/8" female NPT (includes silencer).
- Air supply pressure - 20 to 100 psi (1.4 to 7 kgf/cm2).
- Discharge volume per cycle - 0.0085 gallons (35 cc).
- Maximum cycles per minute - 400.
- Maximum dry suction lift - 5 feet.
- Air motor - standard: Ryton® Air Motor.

Mfg Part #	Description	Max Liquid Temp	Unit	Stock #	PRICE
NDP-5 Series					
NDP-5FPT	Polypropylene	180°F	EA	841-1503	$300.90
NDP-5FVT	Kynar® (PVDF)	212°F	EA	801-5931	$417.14

Prices subject to change.

ALFA LAVAL VALVES & PARTS

Unique 7000 Shut-Off & Divert Valves

An innovative new generation of Tri-Clover® single seat valves that are designed to meet the highest process demands of hygiene and safety. Built on a well-proven platform from an installed base of more than one million valves.

Flexible configuration - can be configured as:
- Shut-off valve with 2 or 3 ports.
- Change-over (divert) valve with 3 to 5 ports.

Consider the many features of the Unique 7000:
- Flexible design - consisting of either one or two bodies that are clamped together.
- TR2 seat ring - has enhanced CIP capabilities and hygiene that comes standard.
- Added control confidence - the valve can be supplied with a controlled compression elastomer seat ring.
- Simple - few and simple moveable parts results in a very reliable valve with low maintenance cost.

Unique 7000 Divert Valves

Change-over (Divert): Valves are 3-port divert valves with 3-A bright polish, elastomer plug seal stem, and EPDM elastomers. Other body types, finishes, elastomers, and configurations are available. Please call for more information.

Mfg Part#	Size	Description	Unit	Stock #	PRICE
Divert, Actuated Valve - Clamp Connections, Normally Open, Maintainable					
9613361035	1"	7610-210-SM2-H10-1SRSSESNN	EA	**234-1656**	**$1,878.52**
9613361036	1½"	7610-210-SM2-H15-1SRSSESNN	EA	**234-1657**	**$1,927.76**
9613361037	2"	7610-210-SM2-H20-1SRSSESNN	EA	**234-1658**	**$2,137.83**
9613361038	2½"	7610-210-SM2-H25-1SRSSESNN	EA	**234-1659**	**$2,297.64**
9613361039	3"	7610-210-SM2-H30-1SRSSESNN	EA	**234-1660**	**$3,037.39**
9613361040	4"	7610-210-SM2-H40-1SRSSESNN	EA	**234-1666**	**$4,276.67**

Unique 7000 Shut-Off Valves

Shut-off: Valves are 2-port shut-off valves with 3-A polish, elastomer plug seal stem, and EPDM elastomers. Other body types, finishes, elastomers, and configurations are available. Please call for more information.

Mfg Part #	Size	Description	Unit	Stock #	PRICE
Shut-Off Valves-Clamp Connections, Normally Open, Maintainable					
9613329202	1½"	7610-200-SM1-H15-1SRSSESNN	EA	**234-1667**	**$1,332.75**
9613321562	2"	7610-200-SM1-H20-1SRSSESNN	EA	**234-1668**	**$1,472.46**
9613321567	2½"	7610-200-SM1-H25-1SRSSESNN	EA	**234-1669**	**$1,616.19**
9613321572	3"	7610-200-SM1-H30-1SRSSESNN	EA	**234-1670**	**$2,167.98**
9613329095	4"	7610-200-SM1-H40-1SRSSESNN	EA	**234-1671**	**$2,837.38**

HOW TO ORDER Unique 7000 Valves

1 **Select BODY STYLE/PORT:**
Shut Off (2 or 3 port)
Shut Off RA (reverse acting - 2, 3, or 4 port)
Change-over/divert (3, 4, or 5 port)
Change-over/divert RA (reverse acting 3, 4, or 5 port)

2 **Select SURFACE FINISH:**
3A
3A Bright (standard)
PL (20 Ra)
PM (15 Ra)

3 **Select SEAL MATERIALS:**
EPDM
HNBR
FPM

4 **Choose CONNECTION PORTS:**
Weld End
Tri-Clamp
ISO
DIN

5 **Choose LINE SIZE:**
1"	2 1/2"
1 1/2"	3"
2"	4"

If you are replacing a 700 series shut-off valve, be sure to request the alternate body style for a dimensionally identical drop-in replacement.

Call Customer Service at 800-826-8302

ALFA LAVAL VALVES & PARTS

Unique 7000 Shut Off Valve Seal Kits

Shut off valve seal kits consist of: (1) O-ring EPDM; (1) Lip seal EPDM; (1) Plug seal EPDM.

Mfg Part #	Description	Unit	Stock #	PRICE
9611926502	1.5"	EA	381-1020	$50.64
9611926503	2"	EA	381-1021	$55.93
9611926504	2.5"	EA	381-1022	$61.04
9611926505	3"	EA	381-1023	$64.49
9611926506	4"	EA	381-1024	$69.47

Unique 7000 Divert Valve Seal Kits

Divert value seal kits consist of: (3) O-rings EPDM; (1) Lip seal EPDM; (2) Plug seals EPDM.

Mfg Part #	Description	Unit	Stock #	PRICE
9611926580	1½"	EA	381-1030	$100.99
9611926581	2"	EA	381-1031	$113.54
9611926582	2½"	EA	381-1032	$126.37
9611926583	3"	EA	381-1033	$134.73
9611926584	4"	EA	381-1034	$146.68

Unique 7000 Series Tank Outlet Valve

The Unique 7630 Tank Outlet valve is designed to deliver the years of reliability and performance you've come to expect with all Tri-Clover® products. This tank outlet valve is a sanitary, air-operated seat valve, with a flexible design. It can be configured as a standard or a reverse acting valve (open into tank) with 1 or 2 ports.

Ideal applications include:

- Dairy
- Beverage
- Brewery
- Food
- Pharmaceutical
- Biotechnology
- Personal care

Main features of the U7630 Tank Outlet valve:

- Flexible design - consisting of a valve body, seat, and tank flange that are clamped together.
- TR2 seat ring - has enhanced CIP capabilities and hygiene that comes standard.
- Optional controls - the valve can be supplied with a controlled compression elastomer seat ring.
- Accessibility - body can be turned in any position if the clamps are slightly loosened.

Call our Process Systems Specialists for help with ordering the right tank valve for your application.

Unique 7000 Non-Maintainable Actuator Service Kit

U7000 Non-Maintainable Actuator Service Kits consist of: (4) O-rings EPDM; (2) Bushings.

Mfg Part #	Description	Unit	Stock #	PRICE
9611926500	1" - 4"	EA	387-1038	$20.29

Mixproof Valves

Alfa Laval is a world-leading supplier of valves for a wide range of sanitary applications within the food, beverage, bio-pharmaceutical and personal care industries. Now you no longer have to stop production during cleaning. Mixproof technology allows for simultaneous running of two different fluids while preventing contamination. Or use these valves to reduce/eliminate vessel change-overs.

Some standard configurations of Unique Mixproof valves:

- Unique Basic - for low cost and CIP solutions.
- Unique SeatClean - for standard solutions.
- Unique HighClean - for hygienic solutions.
- Unique UltraClean - for the highest hygienic solution.
- Unique PMO - for compliance with Pasteurized Milk Ordinance drainage requirements.

Unique PMO Mix Proof Valve

Meets the FDA Pasteurized Milk Ordinance (PMO) criteria for dairy operations, which states that both valve seats must be position detectable and that the leakage chamber must have the same area as the process piping. This valve provides separation of milk products (including cheese curd applications) and cleaning solutions, which eliminates the need for manual pipe swing connections. Please call for help in choosing the right valve for your application and budget!

Unique PMO Valve Service Kits

Reduce unplanned downtime, inconvenient valve repairs, and more accurately budget for repair parts by scheduling your preventative maintenance and keeping an extra Alfa Laval service kit on your shelf. Service kits listed are EPDM. Other materials and kits for other plug set-ups are also available.

Mfg Part #	Description	Unit	Stock #	PRICE
Plug Set-up #6				
9611926001	2"	KT	383-1020	$149.43
9611926002	2½" - 3"	KT	383-1021	$288.21
9611926003	4"	KT	383-1022	$239.69
Plug Set-up #12				
9611926013	2"	KT	383-1023	$130.98
9611926014	2½" - 3"	KT	383-1024	$196.33
9611926015	4"	KT	383-1025	$269.77

Unique 7000 Maintainable Actuator Service Kits

U7000 Maintainable Actuator Service Kits consist of: (2) O-rings HNBR; (2) O-rings EPDM; (1) Double lip seal HNBR; (1) Seal ring upper HNBR; (1) Plug seal lower HNBR.

Mfg Part #	Description	Unit	Stock #	PRICE
9611926497	1" - 1½"	EA	387-1035	$29.84
9611926498	2" - 2½"	EA	387-1034	$32.92
9611926499	3" - 4"	EA	387-1036	$36.76

Prices subject to change.

CPM Control Valves

The Alfa Laval 3-A Sanitary CPM control valve is a revolutionary design for fast response. Air is introduced on one side of a double diaphragm while product flows by the other side. Set the air pressure - utilizing a precision self-relieving regulator - at the product pressure you wish to maintain. Because the valve stem is attached directly to the diaphragm, the CPM valve reacts immediately to the slightest alteration in product pressure, changing plug position to maintain a constant system pressure. These valves are used to control liquid levels in tanks or vessels, used in metering, blending, or filling systems, or whenever constant liquid level or pressure must be maintained. CPM valves offer excellent cleanability due to body design and radii on lower diaphragm allowing them to be CIP-suitable. 3-A Listed.

Standard features Include:

- Tangential inlet for complete self-draining as long as one port is in the down position.
- 316L stainless wetted parts.
- Sanitary polish ID and OD.
- Clamp connections.
- Kv23 plug to cover a wide range of flow capacities.

Nitrile upper and Teflon covered EPDM lower diaphragm. Available in 2" size only. Options: Weld connections, various diaphragm materials and stem designs.

Plug	Description	Unit	Stock #	PRICE
Control Valve				
KV23	CPMI-2 Control Valve	EA	234-1825	$7,569.16
Service Kit				
	CPM-I/O Service Kit	EA	234-7201	$388.46
Replacement Parts				
	Teflon-covered EPDM Upper Diaphragm	EA	394-7023	$222.10
	Nitrile both sides Upper Diaphragm	EA	394-7027	$75.79
	Teflon-covered EPDM Lower Diaphragm	EA	321-7455	$211.00
	Nitrile Stem O-Ring	EA	394-7022	$0.60
	Viton Stem O-Ring	EA	234-7610	$9.78

SRC Valve Service Kits

Avoid costly downtime with preventative maintenance. Alfa Laval recommends replacing valve seals every 12 months or 3,000 running hours and inspecting regularly. SRC Valve Service Kits consist of: (1) Valve body seal ring; (1) Upper seal ring; (1) Lower seal ring and (1) O-ring. Kits listed are EPDM. Viton and Buna service kits also available.

Description	Unit	Stock #	PRICE
SRC Shut-Off Valve Service Kits			
1"	EA	382-7414	$81.62
1½"	EA	234-7147	$87.97
2"	EA	234-7097	$91.97
2½"	EA	234-7332	$94.72
3"	EA	234-7096	$113.82
4"	EA	234-7226	$117.50
SRC Divert Valve Service Kits			
1½"	EA	384-7773	$113.35
2"	EA	234-7334	$117.35
2½"	EA	234-7036	$122.33
3"	EA	234-1350	$101.22
4"	EA	384-7772	$155.74

SRC Tank Outlet Valve Service Kits

SRC-TR

SRC-TL
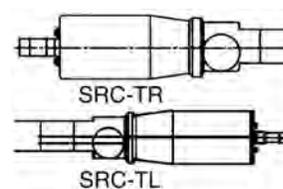
Valve Service Kits fit SRC-TR & TL valves, and consist of: (2) Stem O-rings; (1) Lock wire; (1) Piston O-ring; (1) Actuator O-ring; (1) Clip; (1) Packing and (1) Valve stem O-ring. Kits listed are EPDM (packing and valve stem O-ring). Viton and Buna service kits also available.

Mfg. Part #	Description	Unit	Stock #	PRICE
9611920013	2"	EA	234-7097	$91.97
9611920016	2½"	EA	234-7332	$94.72
9611920019	3"	EA	234-7096	$113.82

Call Customer Service at 800-826-8302

SRC VALVE PARTS

SRC Valve Actuator Parts

Save money by replacing your worn actuator and valve body parts with genuine Alfa Laval parts. Actuator seals should be replaced every 5 years or 15,000 running hours for preventative maintenance and inspected regularly.

Please contact our Technical Service Department for additional sizes, replacement parts or questions.

Mfg. Part #	Description	Unit	Stock #	PRICE
1-1/2"-2-1/2" Valves				
3135310012	Complete Actuator - Normally Closed (-20)	EA	384-7978	$824.11
3181105256	Cap	EA	234-7646	$1.02
22340625	Stem O-ring (Nitrile)	EA	234-7009	$1.46
3135301391	Cylinder	EA	234-7667	$518.47
3135301511	Lock Wire	EA	234-7088	$6.16
22340174	Piston O-ring (Nitrile)	EA	234-7007	$4.62
3135306211	Piston -1 & -2	EA	234-7593	$503.92
22340667	O-ring	EA	234-7771	$1.39
3135306251	Spring Assembly (Black)	EA	234-7360	$134.84
3135306252	Spring Assembly Extra Strong (White)	EA	384-7983	$197.59
3135307931	Clip, Complete -new style	EA	234-7094	$13.93
3135301301	Clip, Complete-old style	EA	234-7091	$12.30
3" - 4" Valves				
3135310022	Complete Actuator - Normally Closed (-20)	EA	384-7977	$1,359.78
22340649	Stem O-ring (Nitrile)	EA	234-7442	$0.90
3135301851	Cylinder	EA	234-7668	$1,158.54
22340175	Piston O-ring (Nitrile)	EA	234-7129	$7.08
3135306191	Piston -1 & -2	EA	384-7985	$644.86
3135306192	O-ring	EA	234-7884	$678.90
3135306221	Spring Assembly (Black)	EA	234-7576	$212.28
3135306222	Spring Assembly Extra Strong (White)	EA	384-7984	$468.63
3135307932	Clip, Complete (84.08 -)	EA	234-7195	$13.93
3135301301	Clip, Complete (68.020 - 84.07)	EA	234-7091	$12.30
Actuator Service Kits				
9611920008	1 - 2½"	EA	234-1345	$27.31
9611920009	3 - 4"	EA	234-7032	$31.56

361TR Seat Valves

Drop-in replacements of the 361TR Air Actuated Shut Off and Divert Valves are now available for 1-1/2" to 3" line sizes. These valves have the same design features and reliability of the original valve. No need to change piping; simply remove the old one and drop in the new. Shut off valves are offered with 2 or 3 ports and divert valves with 3 to 5 ports.

Standard Features Include:
- Open yoke design with visible stem coupler.
- All stainless wetted parts are 316 with 32RA finish.
- Valve porting is flush with bottom surface ensuring full drainage.
- Polished surface areas minimize places that hide and trap bacteria.
- Repairable actuator.
- Plug stem with replaceable PTFE seats.

361TR Shut Off Valves

Shut off valves below are configured with 2 ports, a PTFE (TR) replaceable stem, and Buna seals. Options include EPDM or Viton seals. Please contact our valve specialist for details.

Size	Stem Position	Unit	Stock #	PRICE
1½"	Normally open	EA	382-1726	$869.99
2"	Normally open	EA	382-1727	$965.54
3"	Normally open	EA	382-1728	$1,248.34
1½"	Normally closed	EA	382-1729	$869.99
2½"	Normally closed	EA	382-1730	$1,099.84
2"	Normally closed	EA	382-1731	$965.54
3"	Normally closed	EA	382-1732	$1,248.34

Whether you have old or new valves, Nelson-Jameson can help with parts, replacement valves and new applications.

Call our flow process specialists to discuss the best options available.

Prices subject to change.

361TR Divert Valves

Divert valves below are configured with PTFE (TR) stems, 3 port body and Buna seals. Other seals and stem materials available by contacting our valve specialist.

Size	Stem Position	Unit	Stock #	PRICE
1½"	Normally open	EA	382-1733	$1,103.20
2½"	Normally open	EA	382-1734	$1,469.74
2"	Normally open	EA	382-1735	$1,208.58
3"	Normally open	EA	382-1736	$1,766.33
1½"	Normally closed	EA	382-1737	$1,099.84
2½"	Normally closed	EA	382-1738	$1,469.74
2"	Normally closed	EA	382-1739	$1,208.58
3"	Normally closed	EA	382-1740	$1,766.33

Body Gaskets for Tri-Flow Air Valves

Description	Unit	Stock #	PRICE
Without Stainless Steel Ring			
17-62-1½-U	EA	384-1374	$7.28
17-62-2-U	EA	384-1375	$7.93
17-62-2½-U	EA	384-1389	$8.24
17-62-3-U	EA	384-1376	$11.67
17-62-3½-U	EA	384-1377	$13.48
17-62-4-U	EA	384-1378	$14.36
17-62-4½-U	EA	384-1379	$15.96
With 316 Stainless Steel Ring			
17-62-1½-316-U	EA	493-1002	$24.35
17-62-2-316-U	EA	493-1003	$12.38
17-62-2½-316-U	EA	493-1004	$16.24
17-62-3-316-U	EA	493-1005	$18.21
17-62-3½-316-U	EA	493-1006	$23.33
17-62-4-316-U	EA	493-1007	$40.80
17-62-4½-316-U	EA	493-1008	$81.82

Replacement Teflon Stem Seats

Save money and time on valve stem repairs with these replaceable stem seats. Simply snap on new seats. White Teflon.

Size	Model	Unit	Stock #	PRICE
1"	20-514C	EA	383-1112	$14.21
1Z\x"	20-514C	EA	382-1015	$13.31
2"	20-514C	EA	382-1021	$20.02
2Z\x"	20-514C	EA	382-1026	$23.28
3"	20-514C	EA	382-1031	$26.16
4"	20-514C	EA	382-1040	$75.08

Alfa Laval 25 Series Actuators

Please contact our technical service department if you don't find what you are looking for, or need help selecting the correct actuator for your application. For quicker turnaround, please provide the model and/or serial number of your valve.

Description	Fits Valve Size	Unit	Stock #	PRICE
25-428-S	1.5" - 3"	EA	382-1711	$964.47
25-467-S	4"	EA	384-1104	$1,446.70
25-448B-S	1"	EA	384-1106	$826.69
25-497-S	3" - 4"	EA	382-7079	$1,377.83
25-436-S	1.5" - 3"	EA	382-1710	$826.69
25-457-S	2"	EA	382-7078	$964.47
25-506-S	4"	EA	382-7379	$1,377.83
25-484-S	2" - 2.5"	EA	384-1103	$826.69
25-361-220-S	1" - 3"	EA	382-1702	$1,184.28
25-263B-S	1" - 3"	EA	382-7095	$1,184.28
25-262-210-S	2" - 4"	EA	384-1117	$1,184.28

Actuator Lubricants

Formulated to insure trouble-free assembly of stainless steel air valve actuators. Helps prevent galling and wear to the threads. Also used to lubricate piston and felt seal. 1-oz bottle.

Description	Unit	Stock #	PRICE
C137-1	BO	382-1017	$18.53

Service Kits to Fit 700 Series Valves

700 Series Service Kits help preventative maintenance programs run efficiently by including all product side elastomers needed to have your valve operating like new again. Kits are available in Buna, EPDM and Viton (SFY). Teflon stem seats included for valves using TR stems. If you do not see your valve kit, please contact our specialists to find it for you!

Material	Valve Size	Description	Unit	Stock #	PRICE
Buna	1"	764-741-771 Shut Off	KT	386-1009	$56.06
EPDM	1½"	761TR/741TR Shut Off	KT	386-1002	$38.93
Buna	1½"	761-771 Divert/ Reverse Acting	KT	386-1008	$21.96
EPDM	1½"	761-741-771 Shut Off	KT	386-1011	$21.49
Buna	1½"	761-741-771 Shut Off	KT	386-1010	$14.21
Buna	1½"	761TR/741TR Shut Off	KT	386-1001	$40.36
Buna	1½"	761TR/741TR Divert/ Reverse Acting	KT	386-1004	$60.14
Buna	2"	761-741-771 Shut Off	KT	386-1012	$18.33
Buna	2"	761TR/741TR Shut Off	KT	386-1003	$42.21
Buna	2"	761TR/741TR Divert/ Reverse Acting	KT	386-1005	$58.65
EPDM	2½"	761-741-771 Shut Off	KT	386-1014	$21.38
Buna	2½"	761-741-771 Shut Off	KT	386-1013	$17.25
Buna	2½"	761-771 Divert/ Reverse Acting	KT	386-1017	$24.58
Buna	2½"	761TR/741TR Divert/ Reverse Acting	KT	386-1006	$85.30
Viton	3"	761-741-771 Shut Off	KT	386-1016	$35.26
Buna	3"	761-741-771 Shut Off	KT	386-1015	$23.41
Buna	3"	761TR/741TR Divert/ Reverse Acting	KT	386-1007	$84.00

Call Customer Service at 800-826-8302

TRI-CLOVER/ALFA LAVAL VALVES & PARTS

Alfa Laval D60 Compression Valve Parts

Although these valves are now obsolete, repair parts are available. If you have a valve to replace, give our valve product specialists a call.

Size	Model	Unit	Stock #	PRICE
Repair Parts For Both T and Y Bodies				
Fits 1½" to 3"	#4 Lock clip	EA	384-1101	$27.44
Fits 1½" o 2"	#6 Handle	EA	384-1897	$475.02
Fits 2½" to 3"	#6 Handle	EA	384-1899	$475.02
Fits 1½" to 2½"	#34 O-ring	EA	384-1324	$0.13
Fits 3"	#34 O-ring	EA	384-1912	$0.76
Repair Parts For T Bodies				
1½"	#2 Stem, Buna seat	EA	384-1928	$245.86
2½"	#2 Stem, Buna seat	EA	384-1929	$344.20
3"	#2 Stem, Buna seat	EA	384-1932	$393.38
Repair Parts For Y Bodies				
1½"	#2 Stem, Buna seat	EA	384-1921	$342.11
2"	#2 Stem, Buna seat	EA	384-1931	$346.69
2½"	#2 Stem, Buna seat	EA	384-1922	$459.24
3"	#2 Stem, Buna seat	EA	384-1923	$556.12

D60 "Y" Body

D60 "T" Body
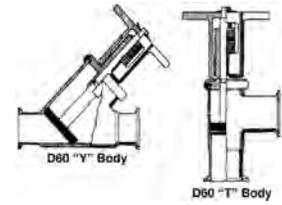
SUDMO VALVES & PARTS

Sudmo Valve Service Kits

Routine scheduled maintenance helps keep your valves operating efficiently and reduces costly downtime. Sudmo recommends periodically inspecting valve seals and replacing at least every 12 months.

Sudmo DSV 365it PMO Seal Kits

Preventative maintenance is a must! Keep your Pentair Sudmo DSV 365it valves functioning properly and efficiently with all the product side wear parts needed. No special tools needed, which allows for simple, rapid maintenance. EPDM standard kit, but also available in HNBR and FKM.

Mfg Part #	Specifications	Unit	Stock #	PRICE
2344115	1.5" & 2"	EA	214-1115	$418.00
2344116	2.5" & 3"	EA	214-1116	$541.50
2344117	4"	EA	214-1117	$583.30
2344112	1.5" - 3"	EA	214-1112	$104.50
2344113	4"	EA	214-1113	$119.70

Prices subject to change.

Sudmo DSV 365it Complete PMO Seal Kits

Keep your Pentair Sudmo DSV 365it Complete valves functioning properly and efficiently with all the wear parts needed. No special tools needed, which allows for simple, rapid maintenance. EPDM standard kit, but also available in HNBR and KFM for the product side.

Mfg Part #	Specifications	Unit	Stock #	PRICE
2132902	1.5" & 2"	EA	214-1902	$234.60
2132903	2.5"	EA	214-1903	$254.84
2132904	3"	EA	214-1904	$269.80
2132905	4"	EA	214-1905	$304.00

Sudmo DSV 365it Complete PMO Actuator Seal Kits

Save valuable downtime - keep your DSV 365it Complete valves functioning properly and efficiently with all the wear parts needed for its actuator. Needs no special tools, so maintenance is simple and quick. NBR standard kit.

Mfg Part #	Specifications	Unit	Stock #	PRICE
2308591	1.5" & 2"	EA	214-1899	$82.65
2308592	3.5" - 4"	EA	214-1901	$82.65

Sudmo SVP 2000 Valve Service Kits

SVP 2000 Valve Service Kits consist of:
- Shut-Off Kit contains (1) Support O-rings, (1) Seat O-rings, (1) Profile gasket and (1) Slide bearing.
- Divert Kit contains same as above plus (1) additional Seat O-Ring.

Kits listed are EPDM. Valve service kits are also available in HNBR, FKM, VMQ and FFKM.

Mfg Part #	Size	Unit	Stock #	PRICE
Shut-Off				
2128685	1½"	EA	212-7115	$42.75
2128686	2"	EA	212-7120	$42.75
2128687	2½"	EA	212-7125	$51.30
2128688	3"	EA	212-7130	$64.60
2128689	4"	EA	212-7140	$94.05
Divert				
2127140	1½"	EA	212-1115	$55.10
2123534	2"	EA	212-1120	$58.90
2128753	2½"	EA	212-1125	$63.65
2129273	3"	EA	212-1130	$76.95
2126431	4"	EA	212-1140	$164.35

Sudmo SVP Select Valve Service Kits

SVP Select Valve Service Kits consist of:
- Shut-Off Kit contains (1) Support O-rings, (2) Seat O-rings, (1) Profile gasket and (1) Slide bearing.
- Divert Kit contains same as above plus (1) additional Support O-ring.

Kits listed are EPDM. Valve service kits are also available in HNBR, FKM, VMQ and FFKM.

Mfg Part #	Size	Unit	Stock #	PRICE
Shut-Off				
2132025	1½"	EA	213-7115	$63.48
2132026	2"	EA	213-7120	$64.40
2132027	2½"	EA	213-7125	$68.08
2132028	3"	EA	213-7130	$73.60
2137140	4"	EA	213-7140	$76.36
Divert				
2154287	1½"	EA	215-1115	$79.12
2154101	2"	EA	215-1120	$81.88
2154102	2½"	EA	215-1125	$88.32
2154103	3"	EA	215-1130	$71.76
2154104	4"	EA	215-1140	$92.00

Call Customer Service at 800-826-8302

WAUKESHA CHERRY-BURRELL VALVES & PARTS

Replacement Parts for W61/W81 Shut-off Valves & W62/W82 Divert Valves

Stock the standard replacement parts for your Waukesha Cherry-Burrell valves and save time and money when there is downtime. Parts are universal for W61/W81 Shut-Off and W62/W82 Divert valves. Additional parts are available, but they are model and/or size specific. Replacement parts are also available in EPDM.

Note: Item # in table corresponds with diagram. For #8 Seat Rings you need to order 2 seat rings for W62/W82 Divert valves.

Seal kits help simplify the ordering process for replacement seal parts on your W60/W80 series Waukesha valves. W61/W81 seal kits include (1) each of the following from the diagram above: #2 Bearing, #4 Viton O-ring, #6 Viton Body O-ring, and #8 Tef-flow Seat Ring. The W62/81 divert kits include (2) of parts #6 and #8.
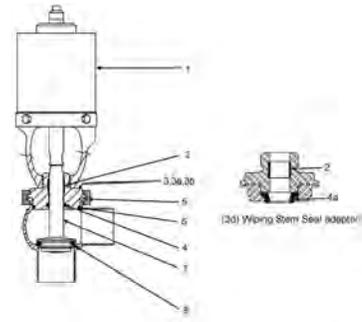
Mfg Part #	Item #	Description	Unit	Stock #	PRICE
1-1/2"					
102757	2	Bearing	EA	739-1689	$3.51
V70210	4	O-ring, Viton	EA	739-1690	$0.92
115626	4a	Wiping Stem Seal, Viton	EA	739-1691	$20.83
V70223	6	O-ring, body, Viton	EA	739-1692	$1.03
20-240	8	Seat ring, Tef-flow	EA	739-1693	$8.24
115347	8	Seat ring, Tef-flow P	EA	739-1694	$28.27
107983	8	Seat ring, Tri Ring, Viton	EA	739-1695	$11.37
-	-	W61/81-1.0V Shut Off Valve Seal Kit	KT	739-7151	$15.46
-	-	W62/82-1.0V Divert Valve Seal Kit	KT	739-7152	$28.10
2"					
102757	2	Bearing	EA	739-1689	$3.51
V70210	4	O-ring, Viton	EA	739-1690	$0.92
115626	4a	Wiping Stem Seal, Viton	EA	739-1691	$20.83
V70228	6	O-ring, body, Viton	EA	739-1696	$1.29
20-241	8	Seat ring, Tef-flow	EA	739-1697	$8.45
115348	8	Seat ring, Tef-flow P	EA	739-1698	$34.50
107986	8	Seat ring, Tri Ring, Viton	EA	739-1699	$13.79
-	-	W61/81-2.0V Shut Off Valve Seal Kit	KT	739-7201	$17.76
-	-	W62/82-2.0V Divert Valve Seal Kit	KT	739-7202	$31.77
2-1/2"					
102757	2	Bearing	EA	739-1689	$3.51
V70210	4	O-ring, Viton	EA	739-1690	$0.92
115626	4a	Wiping Stem Seal, Viton	EA	739-1691	$20.83
V70232	6	O-ring, body, Viton	EA	739-1700	$1.75
20-242	8	Seat ring, Tef-flow	EA	739-1701	$8.51
115349	8	Seat ring, Tef-flow P	EA	739-1702	$42.54
107982	8	Seat ring, Tri Ring, Viton	EA	739-1703	$15.84
-	-	W61/81-2.5V Shut Off Valve Seal Kit	KT	739-7251	$19.53
-	-	W62/82-2.5V Divert Valve Seal Kit	KT	739-7252	$33.56
3"					
102757	2	Bearing	EA	739-1689	$3.51
V70210	4	O-ring, Viton	EA	739-1690	$0.92
115626	4a	Wiping Stem Seal, Viton	EA	739-1691	$20.83

Mfg Part #	Item #	Description	Unit	Stock #	PRICE
V70236	6	O-ring, body, Viton	EA	739-1704	$2.16
20-243	8	Seat ring, Tef-flow	EA	739-1705	$9.81
115350	8	Seat ring, Tef-flow P	EA	739-1706	$64.51
107974	8	Seat ring, Tri Ring, Viton	EA	739-1707	$16.83
-	-	W61/81-3.0V Shut Off Valve Seal Kit	KT	739-7301	$27.79
-	-	W62/82-3.0V Divert Valve Seal Kit	KT	739-7302	$36.12
4"					
102757	2	Bearing	EA	739-1689	$3.51
V70210	4	O-ring, Viton	EA	739-1690	$0.92
115626	4a	Wiping Stem Seal, Viton	EA	739-1691	$20.83
V70244	6	O-ring, body, Viton	EA	739-1708	$3.02
20-244	8	Seat ring, Tef-flow	EA	739-1709	$15.48
115351	8	Seat ring, Tef-flow P	EA	739-1710	$79.13
107989	8	Seat ring, Tri Ring, Viton	EA	739-1711	$34.48
-	-	W61/81-4.0V Shut Off Valve Seal Kit	KT	739-7401	$32.26
-	-	W62/82-4.0 Divert Valve Seal Kit	KT	739-7402	$54.07

Repair Kits for W60/W80 Series Valve Actuators

One repair kit includes all recommended spare parts for servicing your Waukesha W60/W80 series valve actuators. Other elastomers available - please contact our valve specialists for order information.

4" & 5" Kit Includes: (2) Cylinder bearings, (3) Nitrile O-rings, (1) Nitrile cylinder O-ring, and (2) U-cup seals.

6" Kit Includes: (1) Cylinder bearing, (2) Nitrile O-rings, (1) Cylinder O-ring, (1) Piston O-ring, (1) Piston bearing, and (1) Yoke bearing.

Description	Unit	Stock #	PRICE
4" Actuator repair kit	KT	739-1600	$26.72
5" Actuator repair kit	KT	739-1601	$22.87
6" Actuator repair kit	KT	739-1602	$35.96

Prices subject to change.

TUCHENHAGEN VALVE PARTS

Service Kits to Fit Tuchenhagen Valves

Nelson-Jameson offers great savings with these quality after-market service kits to fit Tuchenhagen valves. Our kits include the same parts as in the OEM service kit. If you don't find theCone you need, please call our valve specialists.

Mfg Part #	Material	Valve Size	Seal Kit to Fit	Unit	Stock #	PRICE
221-001315	EPDM	2″	N/Eco Valve	KT	382-1611	$59.12
221-001316	EPDM	2.5 - 3″	N/Eco Valve	KT	382-1612	$60.62
221-001317	EPDM	4″	N/Eco Valve	KT	382-1613	$69.73
221-002233	EPDM	3″	24-7/MO/06 Valve	KT	382-1614	$318.33
221-304.02	EPDM	1.5 - 2″	N+U 40/50 Valve	KT	382-1615	$70.48
221-304.03	EPDM	2.5 - 3″	N+U 65/80 Valve	KT	382-1616	$72.00
221-304.04	EPDM	4″	N+U 100 Valve	KT	382-1617	$87.92
221-519.01	Viton	1.5 - 2″	D 50 Valve	KT	382-1618	$313.03
221-003860	EPDM	4″	MT/T_R 08 (PMO) Valve	KT	382-1619	$284.68

Processing & Flow Control Repair & Refurbishing

Nelson-Jameson is your full service provider in the Process & Flow Control area. Not only do we offer a wide line of new pumps and valves, but we can take your damaged, tired, old, and worn out items and either repair or exchange them for you. Offering to repair your parts, as well as the ability to sell refurbished items, makes it easier for you to get the most time and money out of your processing equipment.

We have two programs to repair or refurbish your processing equipment.

Refurbish/ Repair Your Parts
- Send us your damaged item and we can have it repaired for you. Pricing for refurbishing depends on condition of the item. Call our repair specialists for assistance.
- Items included in this program:
1. Rotors
2. Pump casings
3. Valves
4. Valve stems
5. Gauges
6. Thermometers

Exchange Program
- Send in your damaged item, and receive a brand new item at a reduced price in return.

Mfg Part #	Description	Unit	Stock #
Valve Stems Exchange Program			
19-571 Stems			
19-571-1½	Buna	EA	RE0-0222
19-571-2	Buna	EA	RE0-0206
19-571-2½	Buna	EA	RE0-0165
19-571-3	Buna	EA	RE0-0207
19-571-1½ SFY	Viton	EA	RE0-0303

Mfg Part #	Description	Unit	Stock #
19-571-2-SFY	Viton	EA	RE0-0304
19-571-2½ SFY	Viton	EA	RE0-0358
19-571-3-SFY	Viton	EA	RE0-0359
19-57-1½ E	EPDM	EA	RE0-0216
19-571-2-E	EPDM	EA	RE0-0216
19-571-2½-E	EPDM	EA	RE0-0407
19-571-3-E	EPDM	EA	RE0-0399
19-572 Stems			
19-572-1½	Buna	EA	RE0-0220
19-575-2	Buna	EA	RE0-0208
19-572-2½	Buna	EA	RE0-0223
19-575-3	Buna	EA	RE0-0014
19-572-1½-E	EPDM	EA	RE0-0309
19-572-2-E	EPDM	EA	RE0-0310
19-572-2½-E	EPDM	EA	RE0-0360
19-572-3 E	EPDM	EA	RE0-0435
19-572-1½-SFY	Viton	EA	RE0-0356
19-572-2-SFY	Viton	EA	RE1-0558
19-572-2½-SFY	Viton	EA	RE0-0357
19-572-3-SFY	Viton	EA	RE0-0318
19-1254 Stems			
19-1254-1½	Buna	EA	RE0-0091
19-1254-2	Buna	EA	RE0-0368
19-1254-2½	Buna	EA	RE0-0532
19-1254-3-316	Buna	EA	RE1-0092
19-1254A-4	Buna	EA	RE1-0095
19-1024 Stems			
19-1024-1½	Buna	EA	RE1-0018
19-1024-2	Buna	EA	RE0-0038
19-1024-2½	Buna	EA	RE0-0245
19-1024-3	Buna	EA	RE0-0195
19-1024A-1½-E	EPDM	EA	RE0-0079
19-1024-2	EPDM	EA	RE0-0682
19-1024-3	EPDM	EA	RE0-0348
D60CR Stems			
D60CR-2-02A	Buna	EA	RE0-0193
D60CR2½-02A	Buna	EA	RE0-0070
D60CR-3-02A	Buna	EA	RE0-0042

Call Customer Service at 800-826-8302

AIR VALVE ACCESSORIES

Regulators/Level Control Accessories

Quick Exhaust Valve

Description	Unit	Stock #	PRICE
Quick exhaust valve	EA	382-1796	$24.11

Quick Coupler

Quick Connect pneumatic couplers. 1/4" body size. Maximum 300 psi.

Description	Unit	Stock #	PRICE
Electroless nickel plated ¼" NPT female	EA	382-1806	$25.37
SS, ¼" NPT female	EA	382-1807	$30.72
SS, ⅜" NPT female	EA	382-7096	$34.40

\Reusable Quick Coupler

Quick Connect pneumatic couplers. 1/4" body size. Maximum 300 psi.

Description	Unit	Stock #	PRICE
Electroless nickel plated, for ³⁄₁₆" x ⅜" hose	EA	382-1824	$30.71
SS, for ³⁄₁₆" x ⅜" hose	EA	382-1825	$49.14

Coupler for Poly Tube

Quick Connect pneumatic couplers. 1/4" body size. Maximum 300 psi.

Description	Unit	Stock #	PRICE
¼" OD x ⅛" NPT male	EA	382-1867	$2.25
¼" OD x ¼" NPT male	EA	382-1868	$16.61
⅜" OD x ¼" NPT male	EA	382-1871	$16.78

Coupler Plug

Quick Connect pneumatic couplers. 1/4" body size. Maximum 300 psi.

Description	Unit	Stock #	PRICE
SS, ⅛" NPT male	EA	382-1700	$7.37
SS, ¼" NPT male	EA	382-1809	$4.92
SS, ⅜" NPT male	EA	382-7097	$7.37

Coupler Plug

Quick Connect pneumatic couplers. 1/4" body size. Maximum 300 psi.

Description	Unit	Stock #	PRICE
Electroless nickel plated, ¼" NPT female	EA	382-1819	$7.07
SS, ¼" NPT female	EA	382-1808	$7.37

Reusable Fitting

Reusable hose fittings attach to the hose with a threaded connection and can easily be removed should the hose need to be repaired, unlike regular hose barb fittings.

They come in two parts and are sold as assemblies. The stem has a male pipe thread on one end. The other end has a tapered stem to fit inside the hose. The ferrule acts as a collar against which the hose is compressed when assembly is made. This connection fits firmly to the end of the hose, yet is removable and reusable on new hose when the old hose is discarded. Maximum 250 psi.

Description	Unit	Stock #	PRICE
Electroless nickel plated, ⅛" NPT male for ³⁄₁₆" x ⅜" hose	EA	382-1828	$29.49
SS, ¼" NPT male for ³⁄₁₀" x ⅜" hose	EA	381-1827	$29.47

Prices subject to change.

Process & Flow Control

Fast and Tite™ White Nylon Fittings

These thermoplastic fittings are the answer to your tubing system connector needs. Fast and Tite fittings install without tools in seconds and provide a tight, sure, leakproof seal without clamps or adjustments. A unique stainless steel grab ring for tube retention, coupled with a Buna O-ring for positive seal, assures good tube connection with only hand-tight assembly. Vibrations will not cause leaking. Can be used with plastic, glass or metal tubing for hot or cold water plumbing (low pressure). Temp. range -40° to 200°F. Not generally necessary to disassemble fitting to connect fitting to tube. Cut tube. Loosen nut. Insert tube into fitting until tube bottoms on fitting shoulder. Tighten nut by hand. Other sizes and types available by special order. Meet FDA and NSF51 requirements for food contact.

Male Connector

Mfg Part#	Nominal Tube OD	NPTF Thread	Unit	Stock #	PRICE
N4MC2	¼"	⅛"	EA	189-1020	$3.34
N4MC4	¼"	¼"	EA	189-1005	$3.34
N6MC4	⅜"	¼"	EA	189-1042	$3.70
N6MC2	⅜"	⅛"	EA	189-7002	$3.70

Female Connector

Mfg Part#	Nominal Tube OD	NPTF Thread	Unit	Stock #	PRICE
N4FC4	¼"	¼"	EA	189-1027	$5.54
N8FC8	½"	½"	EA	189-7000	$9.50

Union Connector

Nominal Tube OD	Unit	Stock #	PRICE
⅜"-⅜"	EA	189-1045	$5.62

Polyethylene Tubing

This economical translucent tubing will serve you well in a wide range of general industrial uses. It is flexible, yet resistant to chemicals and stress cracking. Natural color.

Size (ID x OD)	Working Pressure	Pkg	Unit	Stock #	PRICE
¹¹⁄₆₄" x ¼"	205 psi @ 70°F	500'/roll	FT	189-1040	$0.71
¼" x ⅜"	214 psi @ 70°F	500'/roll	FT	189-1041	$0.51
⅜" x ½"	153 psi @ 70°F	100'/roll	FT	189-1050	$0.92

Sample Valves
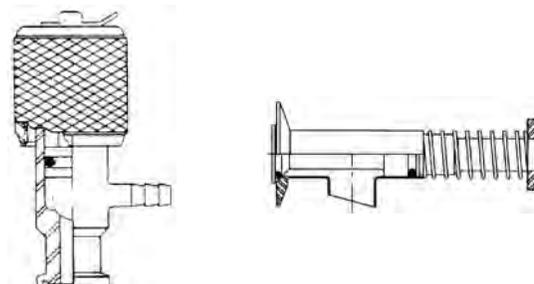
Minimize the threat of contamination and avoid product entrapment by installing a sample valve. Provides a secure, sanitary, sterile processing environment for food, dairy, beverage or pharmaceutical products. Reliable connection will remain in place even under high vibration and turbulence. #382-1998 accepts a 1/4" ID hose.

Description	Connection Size	Unit	Stock #	PRICE
660-10-40HN, 316L SS Valve	½" Clamp x ¼ Barb	EA	382-1998	$640.93
660-10M-40HN, 316L	½" Clamp x ½ Clamp	EA	382-7067	$640.93
8-30HN Handle for fractional valve, white nylon	-	EA	382-1990	$108.67
6900-4B Sample cock, 304 SS	1½" Clamp	EA	672-1315	$325.19
6901-4B Sample cock, 304 SS	2" Clamp	EA	672-1320	$294.26

Call Customer Service at 800-826-8302

VACUUM BREAKER & VENT VALVES

Unique 7000 Vacuum Breaker Valve

This air operated vacuum breaker valve is used to eliminate vacuum on the downstream side of the pasteurizer on your HTST system. This breaker valve is truly CIP-able and only needs one air connection for CIP control. Can be fitted with an IndiTop® or ThinkTop® position indication unit, allowing for verification that the valve is properly functioning during process and CIP operations via indication feedback from the top unit. 1-1/2" clamp connection. EPDM seals. 3-A certified.

Mfg Part #	Description	Unit	Stock #	PRICE
9634082901	Vacuum breaker	EA	234-1720	$2,148.37

Vacuum Breaker

Stainless steel vacuum breaker for automated systems. Polished finish. Designed for process lines. Not recommended for use with tanks. Operates only as vacuum breaker; not air eliminator.

Part#	Description	Unit	Stock #	PRICE
A49-42 valve	2"	EA	384-1840	$647.24
Replacement Parts				
17-1-U	O-ring for stem	EA	384-1320	$0.77
17-155 B	Gasket	EA	384-1405	$31.13

Vacuum Breakers/Air Eliminators

Vacuum breakers that really do what they are supposed to do. Air is allowed into the system at the first hint of vacuum. Teflon® plug with O-ring forms a positive seal when process is in forward flow. No leaking, no mess, and no expensive gaskets to replace. Can be converted to an air eliminator by simply placing the O-ring on the opposite end of the Teflon plug. Designed for process lines only...not recommended for tanks. 316 stainless steel.

Mfg Part #	Description	Size	Unit	Stock #	PRICE
200133	B44MP-1½-316	1½"	EA	384-1894	$636.16
200158	B44MP-2-316	2"	EA	384-1895	$647.77
Replacement Parts					
627880	A44-1½-4-02	Teflon plug for 1½" and 2" sizes	EA	384-1680	$237.61
751743	17-17-U	O-ring	EA	384-1336	$0.43

Sanitary Air Vents

Install these relief valves in pump station line or high line. Expel air without loss of liquid. All stainless steel except ball. 9-1/2" x 6-1/2" overall. Tee not included.

Description	Unit	Stock #	PRICE
Sanitary air relief valve, weld-in type, 1"	EA	588-1050	$310.28
Sanitary air relief valve, clamp type, 1½"	EA	588-1048	$305.55
Sanitary air relief valve, clamp type, 2"	EA	588-1049	$305.55
Replacement Parts			
Plastic ball for air relief valve	EA	588-1051	$14.93

CIP Return Pump Air Vent

Avoid cavitation or air lock. Install in pump suction to expel air. Not for sanitary line. 1/4" NPT thread. 5-1/4" long.

Description	Unit	Stock #	PRICE
Return pump air vent	EA	588-1055	$209.87
Replacement Parts			
Umbrella	EA	588-7024	$70.88
Repair kit (includes valve disk, retaining ring, guard cage and spring)	EA	588-7044	$84.82

Prices subject to change.

PLUG VALVES

BALL VALVES

Model D10/GH10 2-Way Plug Valves

Meet all applicable 3-A standards. Suitable only for low pressure applications, plug valves by design are subject to some leakage. Valves have clamp connections.

Options: D10FL 2-way valves with leak detector also available.

Size	Unit	Stock #	PRICE
Rubber			
1½"	EA	384-1134	$1,108.15
2"	EA	384-1135	$1,681.03
2½"	EA	384-1136	$2,360.39
3"	EA	384-1137	$3,185.89
Stainless Steel			
1½"	EA	234-7146	$1,298.33
2″	EA	234-1131	$1,856.12
2½"	EA	234-1132	$2,427.32
3"	EA	234-1133	$3,277.94

Model D11/GH11 3-Way Plug Valves

Three way configuration of Model D10/GH10. Meets 3-A standards. Suitable for low pressure applications. Clamp connections.

Size	Unit	Stock #	PRICE
Rubber			
1½"	EA	384-1150	$1,172.49
2"	EA	384-1152	$1,681.03
2½"	EA	384-1151	$2,497.43
3"	EA	384-1153	$3,370.89
Stainless Steel			
1½"	EA	234-1147	$1,208.87
2"	EA	384-1149	$1,769.52
2½"	EA	384-7118	$2,758.31
3"	EA	234-1146	$3,468.29

Replacement Rubber Plugs

Fits Alfa Laval and Tri-Clover® brand plug valves.

Size	Unit	Stock #	PRICE
Two-Way			
2"	EA	384-7152	$537.21
2½"	EA	384-7262	$819.95
3"	EA	384-7070	$1,034.85
Three-Way			
1½"	EA	384-1140	$424.11
2"	EA	384-1141	$537.21
2½"	EA	384-1142	$819.95
3"	EA	384-1143	$1,034.85

Sanitary Ball Valves

Full port design of these sanitary ball valves allows for unrestricted flow and easy diversion. Fully encapsulated, reinforced Teflon® seats, and Teflon cavity filler eliminate product entrapment voids. Valves are marked with heat numbers for full identification and traceability. Clamp connections, 316SS body, polished internals and end caps. Options: fractional sizes; other connections, and automation available upon request.

Actuated Sanitary Ball Valves

Pneumatically actuated. Temperature range of -65 to 320°F. Electrically actuated versions; full line of control options-limit switches, solenoids and positioners available. Give us a call if you need any of these optional features.

Size	Working Pressure	Unit	Stock #	PRICE
1″	1,000 psi	EA	637-1210	$354.00
1½″	1,000 psi	EA	637-1215	$524.00
2″	1,000 psi	EA	637-1220	$684.00
2½″	600 psi	EA	637-1225	$1,128.00
3″	600 psi	EA	637-1230	$1,251.71
4″	600 psi	EA	637-1240	$2,403.86

Two-Way Manual Sanitary Ball Valves

Three piece design allows service to be performed without removing the complete valve from the line. Temperature range: -65 to 320°F.

Size	Working Pressure	Unit	Stock #	PRICE
1″	1,000 psi	EA	637-1010	$130.89
1½″	1,000 psi	EA	637-1015	$221.67
2″	1,000 psi	EA	637-1020	$318.78
2½″	600 psi	EA	637-1025	$696.67
3″	600 psi	EA	637-1030	$918.33
4″	600 psi	EA	637-1040	$1,324.45

Three-Way Manual Sanitary Ball Valves

Comes standard with air actuator ISO-5211 mounting pad. Temperature range: -65 to 350°F. Also available in T-Port.

Size	Working Pressure	Unit	Stock #	PRICE
1″	1,000 psi	EA	637-1310	$517.23
1½″	1,000 psi	EA	637-1315	$865.56
2″	1,000 psi	EA	637-1320	$1,292.00
2½″	800 psi	EA	637-1325	$1,813.34
3″	800 psi	EA	637-1330	$2,488.90
4″	800 psi	EA	637-1340	$3,306.66

Call Customer Service at 800-826-8302

BALL VALVES

Triac 77 Series Manual Ball Valve

Triac 77 Series Ball Valves feature a high quality 316L investment casting and full ports for maximum flow. Superior leak protection offered by using a live-loaded packing system featuring Bellville washers and double "V" ring packing. Non-cavity filled PTFE seats, all 316L components, sanitary clamp ends, completely repairable. Other configurations are also available.

Mfg Part #	Size	Working Pressure	Unit	Stock #	PRICE
77-SA-0100-PXX	1″	1000 psi	EA	423-1310	$168.93
77-SA-0150-PXX	1½″	1000 psi	EA	423-1315	$316.87
77-SA-0200-PXX	2″	1000 psi	EA	423-1320	$400.84
77-SA-0250-PXX	2½″	800 psi	EA	423-1325	$688.96
77-SA-0300-PXX	3″	800 psi	EA	423-1330	$927.33
77-SA-0400-PXX	4″	800 psi	EA	423-1340	$1,627.92

Tru-Flo Manual Three-Way Multiport Sanitary Ball Valves

Tru-Flo 3-A, 3-Way sanitary ball valves have a multiport design enabling flow straight through the valve eliminating the need for a common port. The L-port can go from center to left or center to right. The T-port can do the same in addition to all three ports opened at once.

These valves are FDA, USDA and 3-A compliant with features designed for superior performance. The stem automatically adjusts seal compression to compensate for wear, pressure, and temperature. Double O-rings provide additional defense against leaking through the stem and also lowers the operating torque. Fully encapsulated PTFE cavity filler eliminates product entrapping voids. Internals and end caps are highly polished to 8-12 Ra finish with all components being fully traceable. 316SS body with clamp connections. Valves rated to 1,000 psi and -50 to 400°F. Fractional sizes, other connections, and automation available.

Size	Unit	Stock #	PRICE
Three-Way L-Port			
1″	EA	380-1310	$453.60
1½″	EA	380-1315	$635.04
2	EA	380-1320	$771.12
2½″	EA	380-1325	$1,706.67
3″	EA	380-1330	$1,812.51
4″	EA	380-1340	$2,619.54
Three-Way T-Port			
1″	EA	380-7310	$453.60
1½″	EA	380-7315	$635.04
2	EA	380-7320	$771.12
2½″	EA	380-7325	$1,706.67
3″	EA	380-7330	$1,812.51
4″	EA	380-7340	$2,619.54

LUMACO® SANITARY MINIDISC® Valves

These shut-off, regulating or tank valves were simply and ingeniously designed to use in systems where the product must not stagnate in the valve body—a true sanitary disc valve. Designed for CIP, it also dismantles in seconds. Clamp connections on both ends. Teflon® seats. 304SS. Also available in 316SS with a variety of seating material. 3-A Listed.

Description	Size	Unit	Stock #	PRICE
Valve	1½″	EA	410-1010	$345.87
Valve	2″	EA	410-1012	$379.89
Valve	2½″	EA	410-1014	$535.82
Valve	3″	EA	410-1016	$623.70
Valve	4″	EA	410-1018	$1,217.16
Valve	6″	EA	410-1019	$2,238.71
Replacement Seats				
Buna	1½″	EA	410-1118	$38.90
Buna	2″	EA	410-1119	$42.89
Buna	2½″	EA	410-7007	$46.88
Buna	3″	EA	410-1115	$70.82
Buna	4″	EA	410-1116	$92.77
Teflon®	1½″	EA	410-1121	$16.96
Teflon®	2″	EA	410-1120	$21.95
Teflon®	2½″	EA	410-1125	$23.94
Teflon®	3″	EA	410-1130	$35.91
Teflon®	4″	EA	410-7004	$45.89
Red Replacement Seats				
Silicone	1½″	EA	410-7034	$47.88
Silicone	2″	EA	410-1102	$58.85
Silicone	2½″	EA	410-7035	$63.84
Silicone	3″	EA	410-7009	$80.80
Silicone	4″	EA	410-1105	$106.73
Replacement O-rings				
Buna O-ring	for 1½" valve	EA	410-1219	$2.99
Buna O-ring	for 2″ & 2½" valves	EA	410-1220	$2.99
Buna O-ring	for 3", 4" & 6" valves	EA	410-7005	$3.26

We provide valve maintenance and audits. Call our Process Specialistsfor details.

Prices subject to change.

BUTTERFLY VALVES

Alfa Laval Flow Butterfly Valves

EPDM valve seat provides minimal wear and distortion. Body halves are polished 304 stainless steel with clamp end connection. Four position handle. 140psi; handles temperatures to 200°F (95°C). Options: Buna or Viton seats, 6" size, infinite position handle and 316 stainless steel bodies also available.

Size	Wt	Unit	Stock #	PRICE
1"	3.22	EA	234-1850	$113.29
1½"	2.845	EA	234-1851	$120.80
2"	3.82	EA	234-1852	$135.91
2½"	5.585	EA	234-1853	$158.56
3"	7.85	EA	234-1854	$200.92
4"	11.88	EA	234-1855	$309.63

Replacement Seats for Butterfly Valves

Fits Alfa Laval B51 series Butterfly valves.

Size	Unit	Stock #	PRICE
EPDM Replacement Seats			
1½"	EA	384-1861	$25.90
2"	EA	384-1862	$31.28
2½"	EA	384-1863	$36.44
3"	EA	384-1864	$41.56
4"	EA	384-1865	$80.66
Silicone Replacement Seats			
1½"	EA	384-7044	$29.54
2"	EA	384-7050	$31.28
2½"	EA	384-7098	$36.44
3"	EA	384-7097	$41.67
4"	EA	384-7090	$80.66
Viton Replacement Seats			
1½"	EA	384-7263	$103.61
2"	EA	384-7122	$142.63
2½"	EA	384-7264	$145.80
3"	EA	384-7265	$166.66
4"	EA	384-7266	$322.64

LKB Butterfly Valve Service Kits

These are EPDM kits. Other elastomers available upon request.

Mfg Part #	Description	Unit	Stock #	PRICE
9611923029	1½"	EA	384-7760	$26.91
9611923030	2"	EA	384-7759	$36.20
9611923031	2½"	EA	384-7758	$36.39
9611923032	3"	EA	384-7757	$40.82
9611923033	4"	EA	234-7234	$76.10

Handles for LKB Butterfly Valves

Stop plates and retaining screws available for "green handles". Components for metal handles are also available.

Mfg Part #	Size	Unit	Stock #	PRICE
Green Handle				
331015	1 to 2½"	EA	384-7453	$138.97
331016	3"	EA	384-1798	$138.97
330776	4"	EA	384-1793	$138.97
2-Position, Metal (complete)				
9612045001	1 to 2½"	EA	234-7355	$53.73
9612045101	3"	EA	234-7598	$76.57
9612045901	4"	EA	234-1599	$76.57
4-Position, Metal (complete)				
9612045002	1 to 2½"	EA	234-7587	$58.94
9612045102	3"	EA	234-7588	$83.79
9612045902	4"	EA	234-7589	$83.79

CHECK VALVES

LKC-2 Disk Check Valves

The perfect way to prevent reverse flow in sanitary pipelines. These check valves open with only one pound of pressure in the flow direction. However, equalized or reverse pressure causes the spring loaded seat to close, forming a positive seal and preventing back flow. Available in vertical or horizontal versions. Complete drainability is provided by the eccentric body design of the horizontal version, providing the utmost in sanitation. LKC-2 check valves are constructed of polished stainless steel (vertical is 304; horizontal is 316), EPDM elastomers and clamp connections. Max. product pressure; 145 psi. Temperature range: 14° to 284°F. Options: Weld connections; Nitrile or Viton elastomers; vertical also available in 316SS; industrial polish.
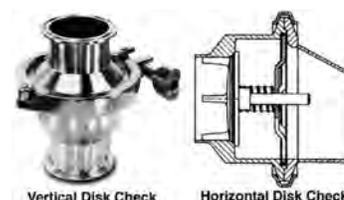
Size	Unit	Stock #	PRICE
Vertical			
1½"	EA	234-1360	$273.94
2"	EA	234-7363	$315.45
2½"	EA	234-7377	$360.93
3"	EA	234-7240	$500.25
4"	EA	234-1364	$799.09
Horizontal			
1½"	EA	234-1365	$1,437.72
2"	EA	234-1366	$1,541.78
2½"	EA	234-1367	$1,770.28
3"	EA	234-7359	$2,775.71

Call Customer Service at 800-826-8302

CHECK VALVES

Definox Disc Check Valves

Prevent reverse flow in sanitary pipelines with Definox disc check valves. These check valves open with little pressure, and have been designed especially for the food industry. There are no product entrapment areas, which aids in avoiding bacteria growth. These valves are 3-A approved and come with a Viton stem. Other seats are available upon request. Avoid costly downtime by keeping spares on the shelf for your Definox disc check valves.

Mfg Part #	Size	Description	Unit	Stock #	PRICE
Valves - vertical or horizontal					
7610055CMOD(8817244)	1½″	Disc check valve	EA	173-1015	$464.10
7610065CMOD(8817245)	2″	Disc check valve	EA	173-1020	$531.93
7610095CMOD(8812246)	2½″	Disc check valve	EA	173-1025	$627.42
7610125CMOD(8812248)	3″	Disc check valve	EA	173-1030	$672.94
7610145CMOD(8812248)	4″	Disc check valve	EA	173-1040	$1,572.58
1-1/2″ Valve Parts					
7440440		Viton body gasket	EA	173-1016	$17.85
7007729		Spring	EA	173-1017	$7.98
7500596		Molded stem	EA	173-1018	$170.46
2″ Valve Parts					
7440840		Viton body gasket	EA	173-1021	$21.94
7007707		Spring	EA	173-1707	$12.96
7500595		Molded stem	EA	173-1023	$183.85
2-1/2″ - 3″ Valve Parts					
7441440		Viton body gasket	EA	173-1026	$23.94
7007724		Spring	EA	173-1027	$19.95
7500594		Molded stem	EA	173-1028	$209.73
4″ Valve Parts					
7441740		Viton body gasket	EA	173-1041	$30.92
7007730		Spring	EA	173-1042	$28.92
7500953		Molded stem	EA	173-1043	$326.65

YGROS EDF Shutter Check Valves

The latest 3-A springless check valve has arrived! The requirement to clean and continuously maintain conventional check valves are overcome by eliminating the root cause of many problems: the spring. The YRGOS check valve design is based on the application of a magnetic field. The magnets built into the valve body keep the shutter in a closed position. When opposing flow is applied, the shutter moves away from the magnet, offering low resistance. After the opposing flow stops, the magnet will attract the shutter back to its seat, stopping any backflow. Because it operates without springs or discs, all vibrations are eliminated and the valve is completely hygenic with no area of stagnation. EPDM is standard. HNBR, FKM, Silicone and FEP seal materials are also available. 316L stainess steel. Suitable for CIP.

Size	Unit	Stock #	PRICE
Vertical			
1″	EA	386-1000	$299.77
1.5″	EA	386-1150	$354.17
2″	EA	386-1200	$421.36
2.5″	EA	386-1250	$568.76
3″	EA	386-1300	$699.80
4″	EA	386-1400	$1,105.13
Horizontal			
1″	EA	386-7000	$565.77
1.5″	EA	386-7150	$668.43
2″	EA	386-7200	$783.91
2.5″	EA	386-7250	$1,073.43
3″	EA	386-7300	$1,320.74
4″	EA	386-7400	$2,085.71

Prices subject to change.

45BYMP/GHBC Ball Check Valves

Y body valves prevent reverse flow in piping systems. When liquid enters the valve inlet, the ball is pushed upward into the Y branch for unimpeded flow. When liquid pressure stops, the ball returns and rests against the inlet. Should reverse flow occur, the opposing pressure seats the ball firmly, causing a positive seal. Valve bodies are made from 316L stainless with clamp connections. Choice of valve with Buna, Viton, EPDM, or Nylon ball. Options: Bevel seat or weld connections. 3-A Listed.

Size	Unit	Stock #	PRICE
Valve with Buna Ball			
1½"	EA	384-1821	$674.07
2"	EA	384-1822	$903.25
2½"	EA	384-1823	$1,436.59
3"	EA	384-1824	$2,003.54
Valve with Viton Ball			
1½"	EA	384-7248	$710.40
2"	EA	384-7249	$978.13
2½"	EA	384-7250	$1,578.91
3"	EA	384-7251	$2,407.87
Valve with EPDM Ball			
1½"	EA	383-7874	$681.02
2"	EA	383-7875	$912.56
2½"	EA	383-7876	$1,436.59
3"	EA	384-7877	$2,003.54
Valve with Nylon Ball			
1½"	EA	384-7245	$681.02
2"	EA	384-7246	$903.25
2½"	EA	384-7130	$1,251.31
3"	EA	384-7247	$1,763.11

Replacement Balls for 45BYMP/GHBC Ball Check Valves

Fits Alfa Laval and Tri-Clover brand ball check valves. Options: Nelson-Jameson provides replacement balls for other brand valves.

Description	Size	Ball Diameter	Unit	Stock #	PRICE
Buna Ball					
45BY-1½-02-U	1½"	1⅝"	EA	384-1810	$61.74
45BY-2-02-U	2"	2⅛"	EA	384-1812	$69.46
45BY-2½-02-U	2½"	3½"	EA	384-1814	$80.86
45BY-3-02-U	3"	4⅛"	EA	384-1816	$93.28
Viton Ball					
45BY-1½-02-SFY	1½"	1⅝"	EA	384-1808	$105.00
45BY-2-02-SFY	2"	2⅛"	EA	384-1811	$91.65
45BY-2½-02-SFY	2½"	3½"	EA	384-1818	$144.67
45BY-3-02-SFY	3"	4⅛"	EA	384-1819	$294.37
Nylon Ball					
45BY-1½-02-NY	1½"	1⅝"	EA	384-1809	$58.65
45BY-2-02-NY	2"	2⅛"	EA	384-1813	$49.62
45BY-2½-02-NY	2½"	3½"	EA	384-1815	$82.65
45BY-3-02-NY	3"	4⅛"	EA	384-1817	$85.37
EPDM Ball					
45BY-1½-02E	1½"	1⅝"	EA	384-1807	$74.09
45BY-2-02E	2"	2⅛"	EA	384-1829	$92.61
45BY-2½-02E	2½"	3½"	EA	381-1820	$172.09
45BY-3-02E	3"	4⅛"	EA	384-1830	$127.78

Call Customer Service at 800-826-8302

CHECK VALVES

Ball Check Valves

Ball check valves are all stainless steel construction. The precision ground ball assures positive shut-off. Additional seat material options include: EPDM, Viton, and Nylon.

Size	Description	Unit	Stock #	PRICE
Valve with Buna Ball				
1½″	SP45BY-1.5″-316L-B Check Valve	EA	384-1900	$496.13
2″	SP45BY-2″-316L-B Check Vavle	EA	384-1930	$637.88
2½″	SP45BY-2.5″-316L-B Check Valve	EA	384-1980	$1,055.25
3″	SP45BY-3″-316L-B Check Valve	EA	384-1981	$1,417.50
Replacement Buna Balls				
2″	SP45BY-2-2 Check Ball (for 1.5″ & 2″ valve)	EA	384-1910	$54.86
3″	SP45BY-3-2 Check Ball (for 2.5″ & 3″ valve)	EA	384-1919	$101.75

Air Blow Check Valves

Use these sanitary air blow check valves for:

- Drying out process lines after cleaning and rinsing.
- Air agitation of product in tanks and vessels to obtain thorough blending.

They provide fail-safe operation: back flow of product or CIP solution is prevented by simple air-to-open, spring-to-close stem and plug design. Economical, disposable filter discs remove impurities in air supply. Valves are 316L SS with Buna elastomers. Choice of Quick Coupler, 1″ Hose Barb, or 3 /8″ Female NPT air line adapters.

If ordering for a ball check valve air blowdown, please order a size larger. Options: 4″ Schedule 5 size to fit 3″ ball check valve. Please contact our valve specialists with questions.

Size	Unit	Stock #	PRICE
w/Quick Coupler Adapter			
1½"	EA	642-1015	$240.98
2″	EA	642-1020	$252.00
2½"	EA	642-1025	$327.60
3″	EA	642-1030	$366.98
4″	EA	642-1040	$415.80
w/1″ Hose Barb Adapter			
1½"	EA	642-1051	$240.98
2″	EA	642-1052	$252.00
2½"	EA	642-1053	$327.60
3″	EA	642-1054	$366.98
4″	EA	642-1055	$415.80
w/3/8″ Female NPT Adapter			
1½"	EA	642-1061	$240.98
2″	EA	642-1062	$252.00
2½"	EA	642-1063	$327.60
3″	EA	642-1064	$366.98
4″	EA	642-1065	$415.80
Replacement Parts			
2″ Filter discs for 1½ valves, 200/bg	BG	394-1966	$142.80
2½″ Filter discs for high volume valve, 200/bg	BG	394-1968	$142.80
SS perforated disc/gasket	EA	384-1965	$30.81
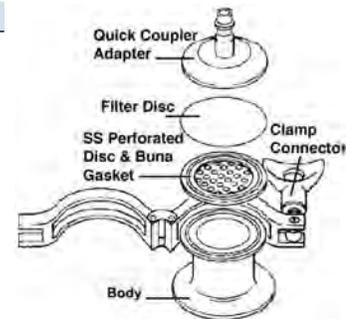
Prices subject to change.

DIAPHRAGM VALVES

Burkert Diaphragm Valves

Keep fluids sealed within the process lines and away from the operating system. Burkert diaphragm valves can be mounted to be self-draining. Flow is externally controlled with air-actuated piston drive and diaphragm seat, and easily adjustable. PTFE/EPDM backed diaphragm. Actuators, control tops, and kits also available.

Mfg Part #	Description	Unit	Stock #	PRICE
679545	1½″	EA	307-1545	$210.12
679546	2″	EA	307-1546	$298.41
679743	2½″	EA	307-1743	$456.80
679744	3″	EA	307-1744	$506.30
679745	4″	EA	307-1745	$734.78

TANK EQUIPMENT & ACCESSORIES

Alfa Laval - Your True Tank Equipment Partner

Make the most economical use of energy, manpower and cleaning solutions with tanks from Alfa Laval. Developed to not only meet your exacting demands for safety, efficiency and hygiene, these tanks also ensure the careful handling of your products. From manhole covers to Toftejorg brand spray devices, we have the largest range of standardized equipment available from a single source.

Let us show you how experience, technical expertise and quality products can enhance your operation. Call our tank equipment specialists to find out more, 800/826-8302.

Nelson-Jameson Universal Manhole Gaskets
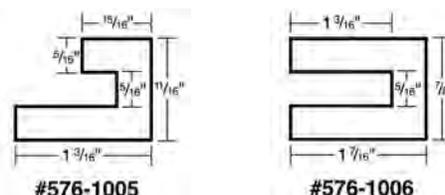
#576-1005   #576-1006

Nelson-Jameson's universal manhole gaskets of flexible rubber stretch to fit many truck and holding tank covers.

Description	Size (OD)	Unit	Stock #	PRICE
Standard, white	19″	EA	576-1005	$105.04
Heavy-duty, black	18″	EA	576-1006	$67.63

Manhole & Vent Gasket Shapes

Gaskets for tank and truck manholes of manufacturers listed.

Mfg Part#	Size (OD)	For	Unit	Stock #	PRICE
22-945	17¾″	Heil	EA	317-1000	$74.72
41186B-WT	18½″	C-B	EA	115-1005	$75.37
C-9	18¼″	Walker	EA	727-1005	$59.17
HT-3C	19″	Walker	EA	727-1006	$72.65
T664-2	19″	Damrow	EA	162-1129	$82.39
MH-B-05	19½″	Damrow	EA	162-1132	$114.86
T564J-2	20″	Damrow	EA	162-1119	$80.14
T564JS-2	19″	Damrow-Double-O	EA	162-1120	$62.00
452-7077	12″	Kusel Vac. (Jr/Sr)	EA	372-1022	$46.19
15289	20″	Dairycraft	EA	576-7015	$185.51
A002481	20″	Dairycraft	EA	576-1008	$152.84

#317-1000 #162-1129 #372-1022
#115-1005 #162-1132 #576-1008
#727-1005 #162-1119 #727-1007
#727-1006 #162-1120 #727-1015

Call Customer Service at 800-826-8302

TANK EQUIPMENT & ACCESSORIES

WALKER Vent Gaskets

These vent gaskets fit Walker tanks and trucks. Many others available by special order.

Mfg Part #	Size (OD)	Unit	Stock #	PRICE
1500	2"	EA	727-1007	$4.34
V-1	8"	EA	727-1015	$47.09

Alfa Laval Spray Balls

LKRK static spray balls from Alfa Laval are both durable and sturdy. These fixed spray balls are used for cleaning storage tanks in the food and beverage industries that require less demanding cleaning duties. They have bright, 316L finish and are available in three versions, F-full, T-top and B-bottom.

Mfg Part #	Size	Description	Pattern	Unit	Stock #	PRICE
9611714121	2.5"	LKRK-2B 2.5" Spray Ball	Bottom	EA	383-7429	$168.90
9611714141	2.5"	LKRK-2F 2.5" Spray Ball	Full	EA	234-7370	$170.88
9611714171	4"	LKRK-2F 4" Spray Ball	Full	EA	234-7133	$267.88

SaniMidget SB Rotary Spray Head

By spraying the cleaning fluid in a 3-dimensional pattern, our cleaning heads reach the entire tank surface for thorough results in a fraction of the time.

- Increase your uptime.
- Reduce your consumption of water, cleaning chemicals and energy.

The Alfa Laval Toftejorg® SaniMidget SB Rotary Spray Head is uniquely designed with respect to self cleaning, self draining, and inspectability. This rotary spray head is authorized to carry the 3-A symbol. Its novel patent pending, one-clip assembly offers easy installation, disassembly, and inspection without compromising cleanability and drainability.

This spray head is an efficient replacement for traditional spray balls, as it offers liquid impact on the entire tank wall that lies within 270° upward pattern; this is a lower rate at equally low pressure. For more information, please call our technical service specialists.

Prices subject to change.

LN Potentiometric Level Transmitter

Provides stable and accurate measurements where other technologies, such as capacitance, hydrostatic and radar struggle. The LN allows successful measurement of viscous and coating media, is unaffected by temperature changes, accommodates multiple products with differences in specific gravity, and is minimally affected by foam. With a sampling rate of 10 scans per second, the LN transmits accurate, up-to-date readings in realtime, so quickly changing levels are handled easily.

Applications include:

• Hot fill or heated tanks.

• Ideal for CIP make up.

• Viscous media.

• Foaming media including beer, skim milk and tea.

Highly dynamic measurements, ideal for balance and filter tanks. Ideal for pressurized tanks as an alternative to differential pressure measurement. The LN meets FDA materials, and 3-A "third party verification" standards. 1-year warranty.

Mfg Part #	Description	Unit	Stock #	PRICE
LN004108000111	1½" TC, (1) 8" Probe, direct mount	EA	033-1615	$2,073.62
LN005108000111	2" TC, (1) 8" Probe, direct mount	EA	033-1620	$2,073.62

SL Driftless Liquid Level Transmitter

Anderson SL Level Transmitters feature a sealed design that utilizes dual diaphragms, and machined enclosures that make it ideal for measuring liquid levels in sanitary applications. This sleek transmitter incorporates state of the art design to provide superior accuracy and long term signal stability. Works great with inventory control, batching & mixing control and vessel monitoring in wet, hostile environments. Field tested performance which ensures:

• Fewer tune-ups.

• No more overflows.

• More reliable inventories.

Special features include:

• Quick-disconnect receptacles with optional field wiring connectors.

• One-touch field calibrations.

Mfg Part #	Description	Unit	Stock #	PRICE
SL5005110000600	2"TC, 316L Diaphragm	EA	033-1762	$2,424.51
SL5005110000480	2"TC, Quick Disconnect, 316L Diaphragm	EA	033-1761	$2,424.51

Waterproof Molded Cord-Set

Anderson Instrument's SL family of Level Tansmitters (SL, SX, LD, LA & TDL) now has a water resistant molded cord-set. This new molded cord-set improves upon the quick disconnect by providing a water resistant, durable connector molded to the cable. The PVC jacket remains flexible from -40°C to 80°C while the stainless nut, O-ring sealed coupling and gold plated contacts assure a good, strong connection even in the wettest of environments. Call our flow product specialists for more information.

Length	Unit	Stock #	PRICE
25'	EA	033-1041	$34.78
50'	EA	033-1042	$52.17
100'	EA	033-1043	$79.79

Call Customer Service at 800-826-8302

LEVEL CONTROLS

Liquid Level Controls

Maintain liquid levels precisely where you want them. When properly installed in conjunction with a throttling valve, you will realize a constant level in balance tanks or other vessels. Prevents pumps from cycling on and off or valves from opening and closing. This reduces wear and maintenance costs as well and assures adequate product levels where needed. Field reversible control.

Control Desired	Model	Unit	Stock #	PRICE
Closed Tank Style				
Level rise decreases valve air	30-101	EA	384-1527	$1,985.54
Level rise increases valve air	30-102	EA	384-1528	$1,941.17
Open Tank Style				
Level rise decreases valve air	30-103	EA	384-1529	$1,623.87
Level rise increases valve air	30-104	EA	384-1530	$1,587.56

Level Control Parts - Closed Tank Model

Gauge noted with * in description is used on both open and closed tanks.

Mfg Part#	Description	Unit	Stock #	PRICE
54-2	Air pilot assy, closed tank	EA	384-1881	$254.92
54-41	Air pilot assy, open tank	EA	384-1884	$250.61
54-53-VM	*Gauge, valve, 0 to 60 psi	EA	384-1883	$19.78
42-15-58-CP	Street tee	EA	382-1863	$33.39
13-28	Hole plug	EA	382-1635	$60.89
13-MHHM-4"	Clamp	EA	382-1640	$16.47
55-4-316	Ball float assembly	EA	384-1890	$976.93
19-74	Flexible shaft for ball float	EA	384-1891	$721.05
19-123	Flexible shaft	EA	384-1896	$674.50

LUMENITE™ Level Controls

The best does not have to be the most complicated. Lumenite level controls are easy to install, operate and service…yet are state of the art! And they won't cost you an arm and a leg. If you have a level control application, we have a level control for the job. Available with alarm systems or countless other options. Unit listed below is very popular in dairy applications. Controller, probes and jacks sold separately.

- Controller is a two-level, filling or emptying no-foam model. For use with milk and other foaming products. Not for use with water. 110V, 50/60 Hz.
- Two-level, Teflon® insulated, 12″ and 24″ probes are standard on these models. Options: Single level, three level and other lengths available.
- Jacks listed come complete with 10′ cables. Options: Other cable lengths available.

Description	Unit	Stock #	PRICE
Controller			
Controller	EA	331-1000	$387.03
Two-Level			
Sanitrode, 1½" clamp	EA	331-1215	$229.60
Sanitrode, 2" clamp	EA	331-1220	$255.46
Sanitrode, 2½" clamp	EA	331-1225	$266.84
Sanitrode, 3" clamp	EA	331-1230	$287.52
Jacks			
Jack for single level sanitrode	EA	331-1301	$77.57
Jack for 2-probe	EA	331-1305	$113.77
Jack for 2-probe, 2" and larger cap sizes	EA	331-1310	$113.77

Prices subject to change.

Alfa Laval - Plate Heat Exchangers

Compact, Modern Solutions with the Highest Thermal Efficiency

All plate heat exchangers look similar on the outside. The difference lies on the inside, in the details of plate design and the sealing technologies used. Alfa Laval Flow is in the forefront of research and development work on plate heat exchangers.

The basic plate heat exchanger consists of a series of thin, corrugated plates that are gasketed, welded or brazed together, depending on the application. The plates are then compressed together in a rigid frame to create an arrangement of parallel flow channels. One fluid travels in the odd numbered channels, the other in the even.

For more information on how Nelson-Jameson and Alfa Laval Flow products can fit into your specific application, please call our process flow specialists at 800/826-8302.

Plate Refurbishing and Re-gasketing

Why replace your plates when they could be refurbished or re-gasketed, saving you money? Nelson-Jameson now offers an economical alternative to heat exchanger plate replacement. We are able to help you with repairing over 30 different types of plates and gaskets.

Plate Damages:
- Mechanical
- Chemical
- Damage-Fouling

Gasket Damages:
- Mechanical
- Chemical
- Thermal
- Natural Aging

Rather than just fixing the issue, we are able to help you identify what may be causing premature wear and can assist in finding the appropriate solution.

The process of getting your plates and gaskets refurbished starts by sending in the plate pack. The plates are then disassembled and the old gaskets are removed. After being cleaned in a chemical bath, the plate is scanned to detect any holes. If a hole is detected, the plate is replaced. Once plates are given the "OK" by the scanner, they are cleaned, dried and re-gasketed. Finally, the plate pack is assembled and a hydraulic test is run to ensure that there are no leaks and the pack is shipped back to you. If you need your plates and gaskets refurbished, please give us call and we will help you start the process.

Heat Exchanger Gasket Cement

Used to regasket plates. Use acid brush for ease of application.

Description	Unit	Stock #	PRICE
Gasket cement, .82 ltr.	EA	384-1299	$55.93
Acid brush	EA	420-2910	$0.18

Flaw Detection Spray

Spray one side of plate with our highly visible penetrant—the other side with developer. If a pinhole exists, a bright colored spot will appear on the developed side. Both products are water-washable and safe to use. Penetrant will cover 50 to 100 sq. ft. Approximately 2 cans of developer will be needed for every can of penetrant. 12 cans/case. Options: Also available in gallons, pails or drums for use with commercial sprayers.

Description	Size	Unit	Stock #	PRICE
Penetrant	16-oz can	CA	442-1015	$110.08
Developer	12-oz can	CA	442-1010	$110.08

Call Customer Service at 800-826-8302

In-Line Filters & Strainers

Basket Filters and Strainers

Versatile, cost-effective and sanitary. Increasingly popular in the food industry, basket filters and strainers require less service due to large capacity. Particulates are contained inside basket or bag for easy disposal. These sanitary units are designed for high volume applications with low pressure drop. Perfect for clarifying beverages, juices, dairy products, brine, fats & oils, sweeteners and enzymes. High flow rates are excellent for filtering upstream from UF/RO units. Coarse strainers remove large particles and foreign material.

Designed for flexibility, the 316L stainless steel housing accepts a wide range of filter and strainer media.
- Filters (model SEF) use replaceable filter bags available in 7 different media, at rating from 1 to 800 microns. Unique design holds bags securely and prevents bypass. 95%+ efficiency with 1 to 25 micron bags.
- Strainers are available in two styles. Coarse strainers (model SEB) use a single 18 gauge perforated basket. Medium/fine strainers (model SES) offer a variety of wire mesh or perforated metal screens. They're suited for straining out particles down to 100 microns in size.

HOW TO ORDER Basket Filters & Strainers

1 Select BASE Part Number:
SES - Strainer
SEB - Single Screen Strainer
SEF - Filter

2 Select COVER:
R - Relief Cover (includes cap, gasket and clamp)

3 Choose MODEL:
1 - Short 1.7 sq. ft. strainer area
2 - Long 3.8 sq. ft. strainer area

4 Determine CLAMP CONNECTION SIZE:
2 - 2" Tube OD
3 - 3" Tube OD
4 - 4" Tube OD

5 Select STRAINER MATERIAL (for strainers only):
P - 20 mesh, 864 micron
J - 40 mesh, 381 micron
F - 60 mesh, 229 micron
L - 80 mesh, 178 micron
K - 100 mesh 140 micron
M - 150 mesh, 104 micron
A - 0.033 perforations
C - 0.062 perforations

6 Choose GASKET and O-RING:
1 - Buna-N (up to 250°F)
2 - Viton (up to 450°F)
3 - EPDM (up to 350°F)

Filter — Pressure Relief Cover, Inlet, O-Ring, Filter Bag Inside Metal Basket

Strainer — Pressure Relief Cover, O-Ring, Inlet, Wire Mesh Strainer

7 Choose CAM LOCK (for filters only):
1 - UHMW (up to 260°F)
2 - Bronze (up to 450°F)

8 Select FINISH:
P - Scotch Brite OD - 150 grit or better ID
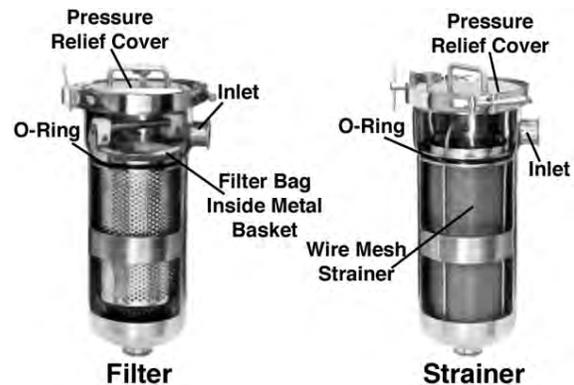
Example: SES - R - 2 - 3 - J - 1 - 1 - P

This would be for a Single Screen Strainer with Relief Cover, Long Model, 3" Tube OD Clamp Connection Size, 40 Mesh Strainer Material, Buna-N Gasket and O-Ring, UHMW Cam Lock and Scotch Brite finish.

QUESTIONS??? - Please contact our flow product specialists for assistance.

Prices subject to change.

In-line and Side Inlet Filters and Strainers

Excellent design makes these stainless steel units an outstanding value. Each one does double-duty, filtering products plus protecting downstream equipment (UF/RO units, homogenizers, pumps, meters, spray nozzles, needle valves, etc.) from foreign matter such as broken gaskets or small metal parts. A wide variety of filter media and overscreens enable the user to separate particles as small as 30 microns or as large as 1/4" from a fluid product. This ranges from achieving semi-clarity in juice or removing cheese fines from whey up to extracting oversize nutmeats from a mix. Other typical filtering/straining applications: milk, whey, processed cheese, juices, soft drinks, beverages, purees, jams/jellies, eggshells or breakings.

3-A authorized filters and strainers have these advantages over competitive units:

- Easy-to-use and clean.
- Completely sanitary, corrosion-resistant construction.
- Efficient free-flow design.
- Quick changeover; lightweight.

For filtering products or for protecting expensive equipment, it's a wise investment! 316L stainless steel clamp connections standard.

Note: These filters and strainers include a back up tube with 1/4" perforations. Filter media and strainer overscreens are not provided and must be ordered separately. See filter media and overscreen selection charts.
Options: Bevel seat connections available by special order.

Strainers
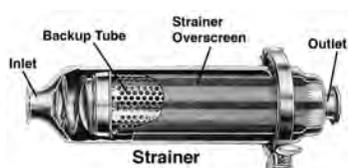
Filters
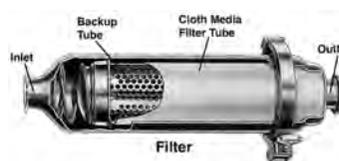
Connection Size	Unit	Stock #	PRICE
16" Long - SM1			
1"	EA	394-1970	$542.17
1½"	EA	394-1971	$530.76
2	EA	394-1972	$534.79
2½"	EA	394-1973	$728.04
3"	EA	394-1974	$728.04
36" Long - SM2			
1"	EA	394-1975	$846.13
1½"	EA	394-1976	$835.40
2"	EA	394-1977	$846.13
2½"	EA	394-1978	$1,046.76
3"	EA	394-1979	$1,046.76

Connection Size	Unit	Stock #	PRICE
16" Long - FM1			
1"	EA	394-1981	$515.17
1½"	EA	394-1982	$530.76
2"	EA	394-1983	$534.79
2½"	EA	394-1984	$728.04
3"	EA	394-1985	$728.04
36" Long - FM2			
1"	EA	394-1986	$846.13
1½"	EA	394-1987	$835.40
2"	EA	394-1988	$846.13
2½"	EA	394-1989	$1,046.76
3"	EA	394-1990	$1,046.76

Replacement Parts for In-line Filters and Strainers

Reference number to fit Tri-Clover® and other in-line filters and strainers. Back-up tube has standard 1/4" perforation (other perf. sizes available). Retaining ring is used with filters, NOT with strainers.

Description	Reference No.	Filter/Strainer Length	Model	Size	Unit	Stock #	PRICE
Distributor Cap	F1-1-06	16"	FM1, SM1	1", 1½" and 2"	EA	384-1986	$31.54
Spring	F1-1-07B	16"	FM1, SM1	1", 1½" and 2"	EA	384-1987	$24.83
Back-up Tube	F1-1-09(G)	16"	FM1, SM1	1", 1½" and 2"	EA	384-7289	$184.53
Retaining Ring	F1-1-21	16" & 36"	FM1	1", 1½" and 2"	EA	384-1989	$4.56
Distributor Cap	F1-2½-06	16"	FM1, SM1	2½" & 3"	EA	384-1990	$42.27
Spring	F1-2½-07A	16"	FM1, SM1	2½" & 3"	EA	384-1991	$28.18
Back-up Tube	F1-2½"-09(G)	16"	FM1, SM1	2½" & 3"	EA	384-7325	$244.92
Retaining Ring	F1-2½-21	16" & 36"	FM1	2½" & 3"	EA	384-1993	$5.33
Back-up Tube	F2-1½"-09(G)	36"	FM2, SM2	1½", 2"	EA	384-1994	$295.91
Back-up Tube	F2-2½"-09(G)	36"	FM2, SM2	2½" & 3"	EA	384-1995	$384.48

Call Customer Service at 800-826-8302

SIDE INLET FILTERS & STRAINERS

Side Inlet Filters & Strainers

Strainers

Connection Size	Unit	Stock #	PRICE
16" Long - SMS1			
1"	EA	394-7970	$788.43
1½"	EA	394-7971	$788.43
2"	EA	394-7972	$828.69
2½"	EA	394-7973	$1,097.09
3"	EA	394-7974	$1,097.09
36" Long - SMS2			
1"	EA	394-7975	$1,117.22
1½"	EA	394-7976	$1,123.93
2"	EA	394-7977	$1,170.90
2½"	EA	394-7978	$1,419.17
3"	EA	394-7979	$1,419.17

Filters

Connection Size	Unit	Stock #	PRICE
16" Long - FMS1			
1"	EA	394-7981	$788.43
1½"	EA	394-7982	$788.43
2"	EA	394-7983	$828.69
2½"	EA	394-7984	$1,097.09
3"	EA	394-7985	$1,097.09
36" Long - FMS2			
1"	EA	394-7986	$1,117.22
1½"	EA	394-7987	$1,123.93
2"	EA	394-7988	$1,170.90
2½"	EA	394-7989	$1,419.17
3"	EA	394-7990	$1,419.17

Note: *Side inlet filters and strainers include a back up tube with 1/4" perforations. Filter media and strainer overscreens are not provided and must be ordered separately. See filter media and overscreen selection charts on pages 378-380. Options: Bevel seat connections available by special order.*

Replacement Parts for Side Inlet Filters & Strainers

Referenced to fit Tri-Clover and other side inlet filters and strainers. Back-up tube has standard 1/4" perforation. Other perforation sizes are available.

Description	Reference No.	Filter/Strainer Length	Model	Size	Unit	Stock #	PRICE
Cap	FMS-1-03			1", 1½", 2"	EA	394-1521	$97.30
Distributor Cap	FS1-1-06	16" & 36"	FMS, SMS	1", 1½", 2"	EA	394-1215	$104.01
Spring	FS1-1-07B	16" & 36"	FMS, SMS	1", 1½", 2"	EA	394-1287	$26.84
Clamp	13MHHM-4"	16" & 36"	FMS, SMS	1", 1½", 2"	EA	384-1176	$12.76
Back-up Tube	FS1-1-09G	16"	FMS1, SMS1	1", 1½", 2"	EA	394-7289	$238.88
Back-up Tube	FS1-2½-09G	16"	FMS1, SMS1	2½" & 3"	EA	394-7325	$309.33
Cap	FMS-2½-03			2½" & 3"	EA	394-1517	$112.06
Distributor Cap	FS-2½-06	16" & 36"	FMS, SMS	2½" & 3"	EA	394-1216	$113.40
Spring	FS-2½-07	16" & 36"	FMS, SMS	2½" & 3"	EA	394-7991	$31.54
Clamp	13MHHVM-4", Schedule 5	16" & 36"	FMS, SMS	2½" & 3"	EA	394-1798	$24.08
Back-up Tube	FS2-1½-09G	36"	FMS2, SMS2	1½" & 2"	EA	394-1994	$401.93
Back-up Tube	FS2-2½-09G	36"	FMS2, SMS2	2½" & 3"	EA	394-1995	$429.44

Need wedgwire overscreens? We can help with that!

Call our Filtration Specialists for assistance with your application requirements today!

Prices subject to change.

Strainer Overscreens

Featuring hemmed ends that are tack welded in place to eliminate the exposed, raw wire edges. They fit snugly over strainer cores. Overscreens for line sizes up to 2″ have 3″ diameters and overscreens for line sizes over 2-1/2″ to 3″ have 3-1/2″ diameters. Non-woven screens are also available. Give us a call for more information.

Micron Rating	Mesh Count	Description	Unit	Stock #	PRICE
For SM1 16″ long strainers with 1″, 1-1/2″, and 2″ connections					
1130	16	S1-1-44R-316L	EA	385-1021	$100.36
864	20	S1-1-44P-316L	EA	384-7336	$100.36
533	30	S1-1-44T-316L	EA	384-7313	$100.36
381	40	S1-1-44J-316L	EA	384-7295	$100.36
279	50	S1-1-44N-316L	EA	384-1996	$100.36
229	60	S1-1-44F-316L	EA	385-7007	$100.36
178	80	S1-1-44L-316L	EA	384-7338	$100.36
140	100	S1-1-44K-316L	EA	384-7337	$100.36
117	120	S1-1-44H-316L	EA	385-1022	$100.36
104	150	S1-1-44M-316L	EA	385-1020	$100.36
For SM1 16″ long strainers with 2-1/2″ and 3″ connections					
1130	16	S1-2-1/2-44R-316L	EA	385-1029	$203.80
864	20	S1-2-1/2-44P-316L	EA	385-1030	$203.80
533	30	S1-2-1/2-44T-316L	EA	385-1031	$203.80
381	40	S1-2-1/2-44J-316L	EA	385-1026	$203.80
279	50	S1-2-1/2-44N-316L	EA	385-1028	$203.80
229	60	S1-2-1/2-44F-316L	EA	385-1023	$203.80
178	80	S1-2-1/2-44L-316L	EA	385-1024	$203.80
140	100	S1-2-1/2-44K-316L	EA	385-1025	$203.80
117	120	S1-2-1/2-44H-316L	EA	385-1032	$203.80
104	150	S1-2-1/2-44M-316L	EA	385-1027	$203.80
For SM2 36″ long strainers with 1-1/2″ and 2″ connections					
1130	16	S2-1-1/2-44R-316L	EA	385-7009	$193.56
864	20	S2-1-1/2-44P-316L	EA	385-1033	$411.66
533	30	S2-1-1/2-44T-316L	EA	385-1034	$193.55
381	40	S2-1-1/2-44J-316L	EA	385-1250	$193.56
279	50	S2-1-1/2-44N-316L	EA	384-1998	$193.56
229	60	S2-1-1/2-44F-316L	EA	385-1035	$193.55
178	80	S2-1-1/2-44L-316L	EA	385-1036	$193.55
140	100	S2-1-1/2-44K-316L	EA	384-7294	$193.56
117	120	S2-1-1/2-44H-316L	EA	385-1037	$193.55
104	150	S2-1-1/2-44M-316L	EA	384-7334	$193.56
For SM2 36″ long strainers with 2-1/2″ and 3″ connections					
1130	16	S2-2-1/2-44R-316L	EA	385-1006	$291.87
864	20	S2-2-1/2-44P-316L	EA	385-1270	$291.87
533	30	S2-2-1/2-44T-316L	EA	385-1271	$291.87
381	40	S2-2-1/2-44J-316L	EA	384-7306	$291.87
279	50	S2-2-1/2-44N-316L	EA	384-1999	$291.87
229	60	S2-2-1/2-44F-316L	EA	385-1007	$291.87
178	80	S2-2-1/2-44L-316L	EA	385-1004	$291.87
140	100	S2-2-1/2-44K-316L	EA	385-1005	$291.87
117	120	S2-2-1/2-44H-316L	EA	385-1003	$291.87
104	150	S2-2-1/2-44M-316L	EA	384-7305	$291.86

Wire Cloth Mesh Overscreens for Strainers

Code Letter	Mesh Square Size	Space Between Wires (Inches)	Micron Rating	Open Area
R	16	.045	1130	50.7%
P	20	.034	864	46.2%
T	30	.021	533	40.8%
J	40	.015	381	36.0%
F	60	.009	229	30.3%
N	50	.011	279	30.3%
L	80	.007	178	31.4%
K	100	.006	140	30.3%
M	150	.004	104	37.4%
H	120	.005	117	30.7%

Perforated Metal Overscreens for Strainers

Code Letter	GAUGE	Hole Dia (In)	Micron Rating	Holes/Sq. In.	Open Area
A	26	.033	838	236	20%
B	26	.050	1270	132	26%
C	26		1590	132	30%
U	26	.040	1015	179	23%

Additonal information on filtration and micron ratings are available on our website.

Check out our Learning Center!

Call Customer Service at 800-826-8302

FILTER TUBES

Flow Stream™ Filter Tubes

The widest selection of sanitary filter media available. Tired of filters that are either too fine or not fine enough? With Flow Stream, you're sure to find the right filter for your job. With nine micron retention ratings from 25 to 800, Flow Stream provides you with more choices than ever before. A variety of sanitary, food grade woven and non-woven materials are offered. Our high quality filter tubes are available in sizes to fit Tri-Clover® and other popular in-line and side inlet filter housings. Dimensions shown are flat dimensions. Packaged and sold 50/box.

Reference	Micron	Description	Unit	Stock #	PRICE
For FM1 16" long filters with 1", 1-1/2", and 2" connections (4-7/8" x 13-1/2")					
F1-1-30E	40	Non-woven Rayon	BX	394-2204	$70.34
F1-1-30H	80	Polyester Multifilament	BX	394-2208	$192.50
F1-1-30K	150	Nylon Multifilament	BX	394-2215	$91.87
F1-1-30J	225	Polyester Knit	BX	394-2235	$70.76
F1-1-30N	250	Polyester Multifilament	BX	394-2225	$68.25
F1-1-30C	300	Cotton Cheese Cloth	BX	394-2230	$56.87
F1-1-30CN	300	Nylon Monofilament	BX	394-2231	$255.28
F1-1-30G	400	Polyester Multifilament	BX	394-2240	$63.77
F1-1-30GN	400	Nylon Monofilament	BX	394-2241	$257.71
F1-1-30B	500	Cotton Flannel	BX	394-2250	$91.56
F1-120BN	500	Nylon Monofilament	BX	394-2251	$310.12
F1-1-30D	800	Nylon Leno	BX	394-2280	$77.75
For FM1 16" long filters with 1-1/2" and 2" connections (4-7/8" x 17")					
F1Z\x-1Z\x-30H	80	Polyester Screen	BX	394-2408	$196.56
F1Z\x-1Z\x-30K	150	Nylon Multifilament	BX	394-2415	$104.83
F1Z\x-1Z\x-30J	225	Polyester Knit	BX	394-2435	$74.25
F1Z\x-1Z\x-30N	250	Polyester Multifilament	BX	394-2425	$77.75
F1Z\x-1Z\x-30C	300	Cotton Cheese Cloth	BX	394-2430	$58.53
F1Z\x-1Z\x-30D	800	Nylon Leno	BX	394-2480	$86.48
For FM1 16" long filters with 2-1/2" and 3" connections (5-5/8" x 13-1/2")					
F1-2Z\x-30E	40	Non-woven Rayon	BX	394-2304	$32.88
F1-2Z\x-30H	80	Polyester Multifilament	BX	394-2308	$222.76
F1-2Z\x-30K	150	Nylon Multifilament	BX	394-2315	$97.84
F1-2Z\x-30J	225	Polyester Knit	BX	394-2335	$74.25
F1-2Z\x-30N	250	Polyester Multifilament	BX	394-2325	$71.63
F1-2Z\x-30C	300	Cotton Cheese Cloth	BX	394-2330	$60.06
F1-2Z\x-30CN	300	Nylon Monofilament	BX	394-2331	$257.71
F1-2Z\x-30GN	400	Nylon Monofilament	BX	394-2341	$331.09
F1-2Z\x-30B	500	Cotton Flannel	BX	394-2350	$91.55
F1-2Z\x-30BN	500	Nylon Monofilament	BX	394-2351	$345.07
F1-2Z\x-30D	800	Nylon Leno	BX	394-2380	$107.45

Reference	Micron	Description	Unit	Stock #	PRICE
For FM2 36" long filters with 1-1/2" and 2" connections (4-7/8" x 33-1/2")					
F2-1Z\x-30F	25	Non-woven Rayon	BX	394-2502	$54.51
F2-1Z\x-30E	40	Non-woven Rayon	BX	394-2504	$114.14
F2-1Z\x-30H	80	Polyester Multifilament	BX	394-2508	$347.69
F2-1Z\x-30K	150	Nylon Multifilament	BX	394-2515	$124.05
F2-1Z\x-30J	225	Polyester Knit	BX	394-2535	$93.47
F2-1Z\x-30N	250	Polyester Multifilament	BX	394-2525	$96.09
F2-1Z\x-30C	300	Cotton Cheese Cloth	BX	394-2530	$65.52
F2-1Z\x-30CN	300	Nylon Monofilament	BX	394-2531	$393.12
F2-1Z\x-30G	400	Polyester Multifilament	BX	394-2540	$89.10
F2-1Z\x-30GN	400	Nylon Monofilament	BX	394-2541	$406.22
F2-1Z\x-30B	500	Cotton Flannel	BX	394-2550	$121.76
F2-1Z\x-30BN	500	Nylon Monofilament	BX	394-2551	$598.41
F2-1Z\x-30D	800	Nylon Leno	BX	394-2580	$138.90
For FM2 36" long filters with 2-1/2" and 3" connections (5-5/8" x 33-1/2")					
F2-2Z\x-30F	25	Non-woven Rayon	BX	394-2602	$87.34
F2-2Z\x-30E	40	Non-woven Rayon	BX	394-2604	$168.64
F2-2Z\x-30H	80	Polyester Multifilament	BX	394-2608	$423.69
F2-2Z\x-30K	150	Nylon Multifilament	BX	394-2615	$135.40
F2-2Z\x-30J	225	Polyester Knit	BX	394-2635	$100.46
F2-2Z\x-30N	250	Polyester Multifilament	BX	394-2625	$105.70
F2-2Z\x-30C	300	Cotton Cheese Cloth	BX	394-2630	$74.25
F2-2-Z\x-30CN	300	Nylon Monofilament	BX	394-2631	$406.22
F2-2Z\x-30G	400	Polyester Multifilament	BX	394-2640	$96.09
F2-2Z\x-30B	500	Cotton Flannel	BX	394-2650	$138.66
F2-2Z\x-30GN	400	Nylon Monofilament	BX	394-2641	$432.43
F2-2Z\x-30BN	500	Nylon Monofilament	BX	394-2651	$615.88
F2-2Z\x-30D	800	Nylon Leno	BX	394-2680	$140.64

Media for Filters

Code Letter	*Micron Rating	Description	Code Letter	*Micron Rating	Description
F	25	Non-woven Rayon	C	300	Cotton cheese cloth
E	40	Non-woven Rayon	J	350	Polyester knit
H	80	Polyester Screen	G	400	Plain weave Polyester
K	150	Polyester Screen	B	500	Cotton flannel
N	250	Smooth weave Dacron	D	765	Nylon leno

Prices subject to change.

Schwartz Processing Filter Tubes

Schwartz offers their high quality Tuffy material and full line of complementary materials to processing. Tuffy is a non-woven material that can remove silts and fine clay sediments without loss of flow rate. The excellent filtration helps to prevent sediment residue in bulk tanks and protects plate coolers. Filter sleeves are compatible with TriClover®, Bou-Matic®, DeLaval®, and Schlueter® brand filters. 50/box.

Reference	Micron	Description	Unit	Stock #	PRICE
For 16″ long filters with 1″, 1-1/2″, and 2″ connections (4-7/8″ x 13-1/2″)					
F1-1-30C	300	Cotton	BX	384-2571	$41.18
F1-1-30D	765	Nylon	BX	384-2572	$100.64
F1-1-30E	40	Tuffy	BX	384-2573	$39.36
F1-1-30F	25	Tight Tuffy	CA	382-2570	$395.64
For 16″ long filters with 2-1/2″ and 3″ connections (5-5/8″ x 13-1/2″)					
F1-2½-30C	300	Cotton	BX	382-2590	$55.73
F1-2½-30D	765	Nylon	BX	382-2592	$100.64
F1-2½-30E	40	Tuffy	BX	384-2574	$25.14
F1-2½-30F	25	Tight Tuffy	BX	382-2575	$25.80
For 36″ long filters with 1-1/2″ and 2″ connections (4-7/8″ x 33-1/2″)					
F2-1½-30C	300	Cotton	BX	384-2581	$89.81
F2-1½-30D	765	Nylon	BX	384-2582	$211.68
F2-1½-30E	40	Tuffy	BX	384-2579	$79.55
F2-1½-30F	25	Tight Tuffy	BX	384-2584	$87.98
For 36″ long filters with 2-1/2″ and 3″ connections (5-5/8″ x 33-1/2″)					
F2-2½-30C	300	Cotton	BX	382-2591	$104.69
F2-2½-30D	765	Nylon	BX	384-2587	$213.10
F2-2½-30E	40	Tuffy	BX	384-2588	$129.99
F2-2½-30F	25	Tight Tuffy	BX	384-2589	$148.34

Filter Bags and End of the Line Filters

Filter bags are designed to be tied or clamped on to the discharge of product pipelines. They pre-filter product and help prevent foam or splash problems. Choose a large enough bag to allow product to exit faster than it enters. Otherwise the bag will become pressurized, resulting in churning, other product damage and bag failure. The bag should be long enough to be supported within the receiving vessel. If it is not, it may rip or slip from the discharge line. With or without drawstrings as indicated. Options: Nelson-Jameson can provide filter bags and end of line filters in many other materials, sizes and micron retention ratings than shown. Call our filter product specialists with your request. Polyester Multifilament is 250 micron. 20DN has a 20 mil thickness and is double napped on each side.

Size	Materials	Drawstring	Pkg	Unit	Stock #	PRICE
4¼″ x 14″	20DN flannel	with	100/bx	BX	640-2015	$105.61
4½″ x 28½″	20DN flannel	without	100/bx	BX	640-7009	$108.43
6″ x 14″	Polyester Multifilament	with	50/bndl	BD	333-2011	$66.28
6″ x 26″	20DN flannel	with	50/bx	BX	640-2026	$90.51
6″ x 26″	20DN flannel	without	50/bx	BX	640-7002	$70.61
11″ x 22″	Polyester Multifilament	without	50/bndl	BD	333-2016	$75.65
22″ x 44″	Polyester Multifilament	without	25/bndl	BD	333-2021	$97.73
22″ x 72″	Polyester Multifilament	without	10/bndl	BD	333-2026	$59.12

Nylon Screens for Fines Savers

Premium quality, nylon, back-up screens are the perfect complement to your fines savers. Choice of six micron retention ratings in three popular sizes. 36″L x 61″ circumference screen features flaps and 2″ hems to fit Damrow.

Micron Rating	Mesh Count	Length x Circumference	Unit	Stock #	PRICE
20	520	11¼" x 25"	EA	333-7000	$54.44
30	420	11¼" x 25"	EA	333-7007	$42.39
40	350	11¼" x 25"	EA	333-7006	$35.69
40	350	11½" x 25½"	EA	333-2125	$35.69
53	270	11¼" x 25"	EA	333-7005	$32.68
74	200	11¼" x 25"	EA	333-7004	$30.33
150	121	36" x 61"	EA	333-2150	$27.79

Call Customer Service at 800-826-8302

FILTERS

Schwartz TUFFY® Disks, Socks and Tubes

Schwartz's Tuffy non-woven material is designed to have the strength, speed and capacity to function efficiently in vacuum, gravity and pressure pipeline installations. Speed and capacity result from random fiber distribution which gives greater uniformity of microscopic sediment traps combined with almost equal strength in all directions.

Size	Micron	Pkg	Unit	Stock #	PRICE
Filter-Clean™ Disks					
6½"	60	100/bx, 36 bx/ca	BX	591-6004	$3.98
9½"	60	100/bx, 5 bg/ca	BG	591-6007	$15.62
15"	60	100/bx, 10 bx/ca	BX	591-6014	$16.58
Tuffy Socks					
2" x 24"	40	100/bx, 6 bx/ca	CA	591-6021	$78.52
2¼" x 12"	40	100/bx, 12 bx/ca	CA	591-6026	$102.89
2¼" x 24"	40	100/bx, 6 bx/ca	CA	591-6027	$84.37
2¾" x 23½"	40	100/bx, 5 bx/ca	CA	591-6032	$84.49
3" x 23½"	40	100/bx, 5 bx/ca	CA	591-6034	$91.74
4⅞" x 17"	40	50/bx, 9 bx/ca	CA	591-7005	$120.59
4⅞" x 33½"	40	50/bx, 9 bx/ca	CA	591-7002	$195.50
Tuffy Tubes					
3⁵⁄₁₆" x 22¼"	40	100/bx, 5 bx/ca	CA	591-6038	$92.56
4⅞" x 17"	40	50/bx, 9 bx/ca	CA	591-6039	$90.11
4⅞" x 33½"	40	50/bx, 9 bx/ca	CA	591-6044	$161.08
4⅞" x 36"	40	50/bx, 9 bx/ca	CA	591-7000	$169.86

PERFECT-FIT® Sock System

Avoid blown filters with the Perfect-Fit system. Sock diameter is sized to the coil's exact circumference resulting in a perfect fit all around! Sock is constructed slightly longer than its supporting coil. That provides a flexible tab used as a leader to thread the sock, and as a removal tab to pull the assembly from the tubing. Requires use of Perfect Fit Coil and Retainer. Options: Perfect-Fit Coil and Retainer Kit available by special order.

Size	Pkg	Unit	Stock #	PRICE
24"	100/bx, 8 bx/ca	CA	591-6000	$100.39

KEN-AG™ Non-Gauze Disks, Socks and Tubes

Stop more sediment with fast filtering Ken-Ag disks, socks and tubes. Made from a patented fabric that provides unsurpassed strength with superior sediment retention and filtering speed. Consistent performance and economy have made them the country's best seller. Approx. 35-50 micron.

Mfg Part#	Size	Pkg	Unit	Stock #	PRICE
Non-Gauze Disks					
D506	4⁹⁄₁₆"	100/bx, 36 bx/ca	BX	357-6025	$3.18
D107	6"	100/bx, 36 bx/ca	BX	357-6005	$4.30
D110	6½"	100/bx, 36 bx/ca	BX	357-6010	$4.47
D532	15"	100/bx, 10 bx/ca	BX	357-6044	$17.20
Break-Proof® Socks					
D576	2" x 24"	100/bx, 6 bx/ca	CA	357-6056	$87.91
D579	2¼" x 12"	100/bx, 12 bx/ca	CA	357-6051	$110.63
D577	2¼" x 24"	100/bx, 6 bx/ca	CA	357-6057	$96.00
D572	3" x 23⅜"	100/bx, 6 bx/ca	CA	357-6052	$119.48
D548	4⅞" x 33½"	50/bx, 9 bx/ca	CA	357-7002	$189.11
Ultra-Flow® Socks					
D588	2" x 24"	100/bx, 6 bx/ca	CA	357-6062	$82.61
D584	2¼" x 12"	100/bx, 12 bx/ca	CA	357-6061	$103.28
D589	2¼" x 24"	100/bx, 6 bx/ca	CA	357-6063	$90.22
D590	2½" x 24"	100/bx, 6 bx/ca	CA	357-7003	$109.95
Break-Proof® In-Line Tubes					
D547	4⅞" x 17"	50/bx, 10 bx/ca	CA	357-6050	$110.45
D538	4⅞" x 33½"	50/bx, 9 bx/ca	CA	357-6047	$187.45
D539	4⅞" x 36"	50/bx, 9 bx/ca	CA	357-6048	$192.49

MILK CHECK® Disks, Socks and Tubes

Farmers unaccustomed to a filter with a superior sediment retention capability may say the Milk Check clogs faster. We say that's a sure sign the filter is doing its job! Its micro-pore structure maximizes sediment retention. Also, its sonically welded seam is stronger than the glued seam used in many other brands. When you want good milk filtration, use Milk Check. Approximately 44 micron.

Size	Pkg	Unit	Stock #	PRICE
Disks				
6½"	300/bx, 12 bx/ca	BX	126-6206	$11.52
Socks				
2" x 24"	200/bx, 4 bx/ca	CA	126-6000	$116.75
2¼" x 12"	200/bx, 4 bx/ca	CA	126-6001	$88.80
2¼" x 24"	200/bx, 4 bx/ca	CA	126-6002	$124.37
3" x 23⅜"	200/bx, 4 bx/ca	CA	126-6003	$157.28
4⅞" x 33½"	150/bx, 4 bx/ca	CA	126-6005	$215.85
Tubes				
4⅞" x 17"	150/bx, 4 bx/ca	CA	126-6300	$138.22
4⅞" x 33½"	150/bx, 4 bx/ca	CA	126-6301	$215.85

Prices subject to change.

POWDER FUNNELS & CURD KNIFE SUPPLIES

Tee-Line Strainer Inserts

An inexpensive way to protect pumps and other equipment from foreign matter such as broken gaskets, small nuts or coins. Insert fits in standard tee, using clamp and gasket (not supplied). CIP-able. 316 SS. Part numbers listed are for the insert only. Blast finish. Also available in 32Ra finish - please call for pricing.

Fitting Size	Unit	Stock #	PRICE
1/4" Diameter Perforations			
1½"	EA	588-1570	$122.85
2"	EA	588-1571	$137.03
2½"	EA	588-1572	$146.48
3"	EA	588-1573	$198.45
4"	EA	588-1574	$245.70
1/8" Diameter Perforations			
1½"	EA	588-1560	$122.85
2"	EA	588-1561	$137.03
2½"	EA	588-7037	$146.48
3"	EA	588-7006	$198.45
4"	EA	588-7038	$245.70

Powder Funnel

Mix dry ingredients into solution using this weld-type funnel which is 27″ high and 22″ at its widest diameter. Capacity is 14 gallons. Available with 2″ clamp or 2″ bevel seat connection. C-216 is a suitable pump to use with the funnel (4″ impeller). For lower capacity, use 1 or 1-1/2 hp C-216 (1750 rpm) with 5″ to 6″ impeller. 18-gauge. 304 stainless steel. Options: Call our product specialists for information on Tri-Blender® mixing systems.

Connection	Wt	Unit	Stock #	PRICE
2" Clamp	22	EA	457-1000	$797.20
2" Bevel seat and captive nut	30	EA	457-1001	$829.03

Rewiring Curd Knives Supplies

Description	Pkg	Unit	Stock #	PRICE
.020 SS Wire	400'/rl	RL	162-1015	$29.70
.032 SS Butter cutter wire	100'/rl	RL	162-1017	$37.80
.032 SS butter cutter	5 lb/so	SO	162-1016	$271.89
Soldering flux	8-oz/bo	BO	015-2005	$16.90
Solder, 96% tin, 4% silver	16-oz/rl	RL	015-1001	$88.93
Acid brush, ⅜"	-	EA	420-2910	$0.18

Call Customer Service at 800-826-8302

SIGHT ASSEMBLIES

Sight Glasses and Gaskets

We offer a wide variety of sight glasses and gaskets. If you don't see what you need, please give us a call.

Mfg Part #	Size	For	Unit	Stock #	PRICE
Sight Glasses					
16AMP-P Clear acrylic cap	1½" CIP	General	EA	016-1415	$35.78
16AMP-P Clear acrylic cap	2" CIP	General	EA	016-1420	$76.15
16AMP-P Clear acrylic cap	2½" CIP	General	EA	016-1425	$59.62
16AMP-P Clear acrylic cap	3" CIP	General	EA	016-1430	$93.71
C16-109 (16AMP-P) Cap	4" CIP	General	EA	372-1020	$140.17
16AMP-P Clear acrylic cap	6" CIP	General	EA	016-7005	$198.45
C16-56 Small, Plexi	3½" OD	Kusel Vac	EA	372-1021	$138.27
C16-57 Large, Plexi	5⅞"OD	Kusel Vac	EA	372-1019	$156.44
DTP-14-12 Plexi	6" x ¼"	Chicago Stainless	EA	123-1005	$42.37
SGC600 008, Grooved	4¹¹⁄₁₆" x ⅝"	Walker	EA	727-1012	$23.43
T564GP-2 Plexi	6¹¹⁄₁₆" x ¼"	Damrow	EA	162-1122	$27.61
T564GP-3 Plexi	7¹⁵⁄₁₆" x ¼"	Damrow	EA	162-1115	$18.81
104461 Pyrex	7¹⁵⁄₁₆" x ¼"	Damrow	EA	162-1127	$105.71
10123-B	4¼" x ¼"	Cherry Burrell	EA	115-1001	$44.26
Rubber Gaskets for Sight Glasses (size: OD x Groove Width x Gasket Width)					
GKT 200150	4¹¹⁄₁₆" x ⅝" dia	4" Walker	EA	727-1013	$22.35
10122B	4" x ¼" x ½"	4" Cherry-Burrell	EA	115-1000	$33.22
22-388	6¼" x ¼" x ½"	6" Heil	EA	317-1005	$42.00
DPT 14-13	6½" x ¼" x ¾"	6" DTP 14-12	EA	123-1010	$82.96
104474	6⅞" x ³⁄₁₆" x ⁵⁄₁₆"	Damrow	EA	162-1121	$21.21
104478	6⅞" x ½"	Damrow	EA	162-1125	$68.68
001183	8" x ¼" x ½"	Dairycraft for 7¾" glass	EA	576-1007	$71.03
104476	8⅛" x ¼" x ¹³⁄₁₆"	Damrow T564GP-3	EA	162-1123	$26.05
139155	8⅛" x ⁵⁄₁₆" x ¹³⁄₁₆"	Damrow dryer	EA	162-1126	$50.50
GKT 200550	8½" x ¼" x ½"	Walker	EA	727-1014	$54.11
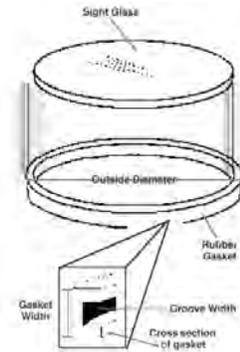
Sight Glass Assemblies

Our Cipriani Sight Glasses feature a food-grade polycarbonate tube that is as clear as glass and unbreakable under normal use. These 3-A authorized sight glasses are manufactured from highly polished 304L stainless steel. Designed for inline use, they feature clamp connections, Lexan lenses, and FDA approved silicone seats. Also available with optional butt-weld or I-line connections by special order.

Size	Unit	Stock #	PRICE
1½"	EA	167-1015	$159.80
2	EA	167-1020	$178.50
2½"	EA	167-1025	$229.50
3"	EA	167-1030	$295.80
4"	EA	167-1040	$391.00

Cross Type Sight Glass Assemblies

Install in almost any critical area of a processing system for immediate observation of product flow in a pipeline. Constructed of 304 stainless with heavy-duty tempered Pyrex® ports. CIP-able. 100 psi maximum.

Size	Unit	Stock #	PRICE
1½"	EA	672-1215	$372.07
2"	EA	672-1220	$511.22
2½"	EA	672-1225	$504.74
3"	EA	672-1230	$543.64
4"	EA	672-1240	$726.18

Prices subject to change.

Product Recovery Systems
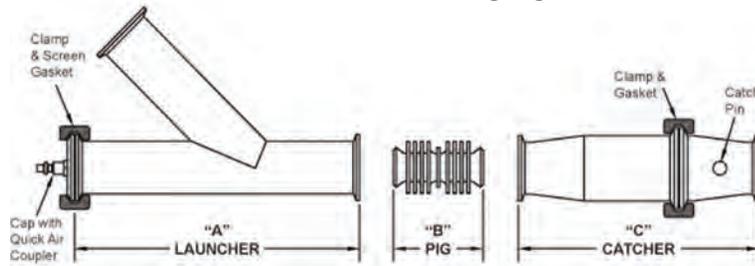
Increase your product yields and reduce CIP costs by recovering the residual product left behind in the lines from your food, beverage or pharmaceutical processing. Use this Product Recovery System, which is a simple, economical and efficient way to recover your residual product. It is also a reliable tool for product separation during changeovers, preventing costly "mixed phases" or missed splits.

Design

Consisting of a launcher, a catcher and a one-piece solid molded polyurethane projectile (known as a "pig"), this complete system is designed for use with standard sanitary tubing, sanitary hose, full-port ball valves and standard tube fittings including 90° elbows. The launcher and catcher are constructed of 316L stainless steel and feature all Tri-Clamp® connections for easy vertical or horizontal installation.

Pigs

With proper handling, these sanitary polyurethane pigs will provide a long, trouble-free service life. After each use, the pig can typically be cleaned with hot water flush up to 200°F with minimal scrubbing. If a detergent or other cleaning agent is used, be sure the pig is adequately rinsed to remove any residual material from the pig. Ultraviolet sterilization is not recommended.

In addition to the simple urethane pig, you can also choose a pig that contains magnets in the ends which attract to the catcher to make the pig easier to retrieve. We also offer a magnetic pig with a sensor, which can be used with the catcher to notify you when the pig has completed the line, or additional sensors can be placed throughout the line that can be used to monitor the pig in your lines. The temperature rating for food grade polyurethane: -40° to 200°F(-40° to 93°C).

Size	Unit	Stock #	PRICE
System with Urethane Pig			
1.5"	EA	626-1501	$1,152.60
2"	EA	626-1504	$1,203.60
2.5"	EA	626-1507	$1,611.60
3"	EA	626-1510	$1,662.60
4"	EA	626-1513	$2,550.00
System with Magnetic Urethane Pig			
1.5"	EA	626-1502	$1,203.60
2"	EA	626-1505	$1,254.60
2.5"	EA	626-1508	$1,693.20
3"	EA	626-1511	$1,769.70
4"	EA	626-1514	$2,641.80
System with Magnetic Urethane Pig & Sensor			
1.5"	EA	626-1503	$1,509.60
2"	EA	626-1506	$1,560.60
2.5"	EA	626-1509	$2,019.60
3"	EA	626-1512	$2,096.10
4"	EA	626-1515	$2,998.80

Product Recovery System Components

Size	Unit	Stock #	PRICE
Urethane Sanitary Pigs			
1.5"	EA	626-1001	$132.60
2"	EA	626-1003	$142.80
2.5"	EA	626-1005	$171.36
3"	EA	626-1007	$193.80
4"	EA	626-1009	$244.80
Urethane Pigs with Magnets			
1.5"	EA	626-1002	$193.80
2"	EA	626-1004	$204.00
2.5"	EA	626-1006	$255.00
3"	EA	626-1008	$270.30
4"	EA	626-1010	$346.80
Product Recovery Launchers			
1.5"	EA	626-1050	$714.00
2"	EA	626-1051	$714.00
2.5"	EA	626-1052	$867.00
3"	EA	626-1053	$867.00
4"	EA	626-1054	$1,326.00
Product Recovery Catchers			
1.5"	EA	626-1040	$367.20
2"	EA	626-1041	$367.20
2.5"	EA	626-1042	$552.84
3"	EA	626-1043	$552.84
4"	EA	626-1044	$958.80
Product Recovery Sensors			
1.5"	EA	626-1021	$306.00
2"	EA	626-1022	$306.00
2.5"	EA	626-1023	$326.40
3"	EA	626-1024	$326.40
4"	EA	626-1025	$357.00

Call Customer Service at 800-826-8302

WALL BOOTS

Pipetite

Pipetite's flexibility and self-sealing base allow pipes to move without causing damage to walls. Pre-drilled holes make installation fast and simple, and no silicone is required. A large range of sizes are available, and it can be adapted to fit most pipe or tube diameters.

- Available in five sizes to fit 3/16"-7" inch tube or pipe, easily trimmed to size.
- Hygienic white silicone and 316 stainless steel.
- Flexible seal to accommodate movement without cracking.
- 500°F temperature rating.
- Predrilled for quick and easy installation with no clean-up.
- Materials compatible with cleaning solutions.

Pipetite Wall Boot

Available uncut or precut. These boots are great for running new lines through walls, floors and ceilings. Bolt hole diameter is .1777".

Tube/Pipe O.D.	Base Diameter	Bolt Circle Diameter	Anchors	Unit	Stock #	PRICE
Size 1						
0-1" (uncut)	2.76"	2.24"	4	EA	626-1073	$20.60
.5"	2.76"	2.24"	4	EA	626-1070	$24.72
.75"	2.76"	2.24"	4	EA	626-1071	$25.20
1"	2.76"	2.24"	4	EA	626-1072	$24.72
Size 2						
0-2.56" (uncut)	4.17"	3.58"	4	EA	626-1074	$20.60
1"	4.17"	3.58"	4	EA	626-1075	$24.72
1.5"	4.17"	3.58"	4	EA	626-1076	$24.72
1.9"	4.17"	3.58"	4	EA	626-1077	$24.72
2"	4.17"	3.58"	4	EA	626-1078	$24.72
2.5"	4.17"	3.58"	4	EA	626-1079	$24.72
Size 3						
0-3.74" (uncut)	5.79"	5.04"	6	EA	626-1080	$25.75
3"	5.79"	5.04"	6	EA	626-1081	$29.87
Size 4						
4"	7.36"	6.61"	6	EA	626-1083	$47.38
Size 5						
3.97-7.09" (uncut)	9.33"	8.39"	10	EA	626-1084	$51.50
6"	9.33"	8.39"	10	EA	626-1085	$55.62

Pipetite ReBoot

Pipetite ReBoot includes a split design that easily goes around existing piping and seals securely. The boot is pulled tightly around the pipe and secured with a metal staple(included). After tightening the staple, simply secure it to the wall using the .1777" pre-drilled holes.

Size	Tube O.D.	Base Diameter	Bolt Circle Diameter	Anchors	Unit	Stock #	PRICE
Pipetite ReBoot							
2	Uncut 0-2.50"	4.17"	3.58"	5	EA	626-1059	$52.53
3	Uncut 0-3.74"	5.79"	5.04"	6	EA	626-1060	$54.59
4	Uncut 2.76-5.31"	7.36"	6.61"	6	EA	626-1061	$88.20
5	Uncut 3.94-7.09"	9.33"	8.39"	10	EA	626-1062	$104.94
Replacement ReBoot Staples							
3 or 4					EA	626-1063	$4.33
5					EA	626-1064	$4.94

Prices subject to change.

Pipetite Sleeve Boot

Made for 4 or 6 inch pipe and can be cut to fit a process line up to 5.31 inches. It is ideal for floor penetrations.

Size	Sleeve O.D.	Tube O.D.	Length	Unit	Stock #	PRICE
1	4	0-3.5″	4.5″	EA	626-1065	$35.02
2	6	0-5.5″	6″	EA	626-1066	$61.80

Escutcheon Plates

Covers rough edges where stainless steel tubing cuts through walls, ceilings, etc.

Seal Size	Unit	Stock #	PRICE
1" x 4"	EA	234-1510	$11.55
1½" x 4¾"	EA	234-1515	$11.13
2" x 4¾"	EA	234-1520	$13.21
2½" x 5"	EA	234-1525	$13.21
3" x 6"	EA	234-1530	$19.95
4" x 7"	EA	234-1540	$22.83
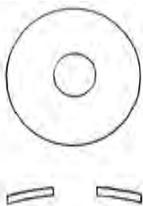
Saw Vise

Held in place around stainless steel tubing with a standard bench vise, this tool allows you to make fast, accurate cuts. Leaves straight edge necessary for clean welds. No waste.

Size	Unit	Stock #	PRICE
1"	EA	385-1950	$38.62
1½"	EA	385-1951	$51.26
2"	EA	385-1952	$58.80
2½"	EA	385-1953	$58.80
3"	EA	385-1954	$70.32
4"	EA	385-1955	$81.83

Stainless Steel Tubing

Priced by the Foot

Compare our deal on this top quality tubing. AISI type 304 A270 stainless steel (type 316L A269 for 1/2″ and 3/4″) is perfectly suited for most food applications. #7 150 grit (32RA) polish ID and OD. Available in 20 foot lengths. Minimum order of 10 feet, and sold in increments of 10 feet. Cut charge will apply to orders under 20 feet. Additional gauges and sizes available.

OD Size	Gauge	Pkg	Wt	Unit	Stock #	PRICE
304 SS						
1"	16 (.065")	300 ft/ca	2	FT	384-1951	$2.59
1½"	16 (.065")	300 ft/ca	1	FT	384-1953	$3.95
2"	16 (.065")	300 ft/ca	1.4	FT	384-1954	$5.32
2½"	16 (.065")	300 ft/ca	1.7	FT	384-1956	$6.58
3"	16 (.065")	200 ft/ca	2	FT	384-1958	$7.99
4"	14 (.083")	100 ft/ca	3.5	FT	384-1959	$13.62
316 SS						
½"	16 (.065")	300 ft/ca	.3	FT	384-1962	$4.69
¾"	16 (.065")	300 ft/ca	.5	FT	384-1961	$5.97
1″	16 (.065″)	300 ft/ca	.66	FT	384-7175	$4.96

Sold by the Case

Bulk tubing for all of your plant projects. AISI type 304 A270 stainless steel (type 316L A269 for 1/2″ and 3/4″) is perfectly suited for most food applications. #7 150 grit (32RA) polish ID and OD. Sold by the case, shipped truck.

OD Size	Gauge	Pkg	Wt	Stock #	PRICE
304 SS					
1″	16 (.065")	300 ft/ca	600	384-1972	$728.60
1½′	16 (.065")	300 ft/ca	300	384-1973	$1,110.24
2″	16 (.065")	300 ft/ca	420	384-1963	$1,495.74
2½″	16 (.065")	300 ft/ca	510	384-1969	$1,850.40
3″	16 (.065")	200 ft/ca	400	384-1955	$1,498.31
4″	16 (.065")	100 ft/ca	350	384-1957	$1,276.01
316 SS					
½″	16 (.065")	300 ft/ca	900	384-1917	$1,318.41
¾″	16 (.065")	300 ft/ca	150	384-1949	$1,676.93
1″	16 (.065")	300 ft/ca	198	384-1918	$1,395.51
2″	16 (.065")	300 ft/ca	405	384-1907	$1,892.81

Call Customer Service at 800-826-8302

CLAMP FITTINGS

Clamp Fittings

The most popular type of fitting used in sanitary processes today. Standard clamp (also called sanitary clamp, GC-Clamp, Tri-Clamp®, or S-Clamp) connections consist of two like-flanged ferrules and a precision molded gasket held securely with a quick-couple clamp. Unless otherwise noted, all clamp fittings shown are made from AISI 304 stainless steel with a #7 150 grit (32RA) ID and OD polish. Our Clamp fittings meet 3-A standards for CIP and manual cleaning. Options: Other sizes, styles, polishes, 316L stainless, H-Line, Q-Line, and APC clamp. Sold by the each.

B2CMP 90° Elbow

Size	Stock #	PRICE
304		
1"	384-1011	$18.72
1½"	384-1006	$18.89
2"	384-1007	$25.36
2½"	384-1008	$34.60
3"	384-1009	$40.03
4"	384-1010	$81.36
316L		
1"	316-7024	$25.58
1½"	316-7009	$26.24
2"	316-7018	$34.40
2½"	316-7025	$48.95
3"	316-7026	$67.69
4"	316-7001	$102.90

2FMP-14 90° Elbow, Clamp X Nut

Size	Stock #	PRICE
304		
1½"	384-1026	$59.68
2"	384-1027	$79.38
2½"	384-7191	$112.60
3"	384-1029	$142.03

2FMP-15 90° Elbow, Clamp X Thread

Size	Stock #	PRICE
304		
1½"	384-1032	$47.11
2"	384-1033	$62.99
2½"	384-7268	$86.73
3"	384-1034	$98.42
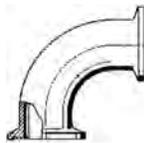
B2KMP 45° Elbow

Size	Stock #	PRICE
304		
1"	384-1048	$19.99
1½"	384-1049	$19.99
2"	384-1050	$24.55
2½"	384-1051	$33.82
3"	384-1052	$44.32
4"	384-1053	$74.68
6"	637-7022	$274.45
316		
1"	382-7447	$30.43
1½"	316-7056	$28.50
2"	316-7112	$38.81
2½"	316-7057	$51.45

B7MP Tee

Size	Stock #	PRICE
304		
1"	384-7274	$28.50
1½"	384-1081	$34.25
2"	384-1082	$26.83
2½"	384-1083	$52.33
3"	384-1084	$74.41
4"	384-1085	$106.40
316L		
1"	316-1869	$40.63
1½"	316-7027	$46.97
2"	316-7028	$54.24
2½"	316-7029	$70.85
3"	316-7000	$101.80
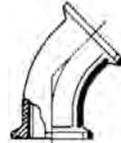
B7RMP Reducing Tee

Size	Stock #	PRICE
304		
2" x 1½"	384-7269	$63.36
2½" x 2"	384-7046	$80.04
3" x 1½"	384-7343	$81.69
3" x 2"	384-7252	$97.63
3" x 2½"	384-7102	$105.90
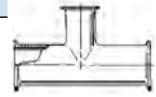
B9MP Cross

Size	Stock #	PRICE
304		
1½"	384-7270	$79.97
2"	384-7064	$95.95
2½"	384-7271	$130.02
3"	384-7163	$162.70

A12MPS Swivel Joint

Size	Stock #	PRICE
304		
1½"	384-1156	$41.87
2"	384-1157	$42.64
2½"	384-7267	$48.51
3"	384-1159	$53.40
4"	384-7485	$673.14
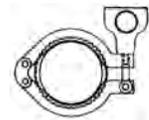
13MHM HD Clamp, Single Pin

Size	Stock #	PRICE
304		
½" to ¾"	385-1410	$4.04
1" to 1½"	637-1171	$5.64
2"	637-1172	$6.71
2½"	637-7008	$8.31
3"	637-1174	$8.09
4"	637-1175	$9.70
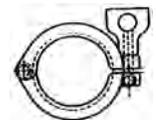
Single Pin Squeeze Clamp

Spring-loaded sanitary squeeze clamp allows you to easily tighten the wingnut while holding fittings in place. Makes maintenance and cleaning easier. Pressure ratings reflect wingnut tightened to 25" lb of torque.

Size	Pressure Ratings	Unit	Stock #	PRICE
1" to 1.5"	500 PSI at 70°F/300 PSI at 250°F	EA	637-1415	$14.36
2"	450 PSI at 70°F/250 PSI at 250°F	EA	637-1420	$16.75
2.5"	400 PSI at 70°F/200 PSI at 250°F	EA	637-1425	$21.57
3"	350 PSI at 70°F/175 PSI at 250°F	EA	637-1430	$24.25
4"	300 PSI at 70°F/150 PSI at 250°F	EA	637-1440	$28.11

Prices subject to change.

13MHHM HD Clamp, Double Pin

Size	Stock #	PRICE
304		
1" to 1½"	384-1171	$7.13
2"	384-1172	$8.05
2½"	384-1173	$10.06
3"	384-1174	$9.81
4"	384-1176	$12.76
6"	384-1185	$32.66
8"	384-1540	$35.45
10"	637-7018	$102.29
12"	637-7020	$234.66

13MHHVM HD Clamp, Sched. 5

Size	Stock #	PRICE
304		
3"	384-1183	$29.18
4"	384-1177	$41.07
6"	384-1385	$62.96

13MHHS HD Clamp, 3-Piece

Size	Stock #	PRICE
304		
1" to 1½"	384-1166	$9.73
2"	384-1167	$10.92
2½"	384-1168	$13.09
3"	384-1169	$15.30
4"	384-7253	$18.61

Replacement Parts for 13M Clamp

Description	Stock #	PRICE
304		
13MHHS-1½-03-S,Wingnut	384-1180	$4.16
A13MHH-2-04C-S, Eye-bolt	384-1182	$1.02
R14051S-SS, Rivet	384-1184	$1.04

13MHP High Pressure Clamp

Size	Stock #	PRICE
304		
1" to 1½"	384-1194	$10.51
2"	384-1195	$13.67
2½"	384-1196	$14.99
3"	384-1179	$18.96
4"	384-1197	$20.59
6"	384-1199	$33.75

TC13MHLA Toggle Clamp

Size	Stock #	PRICE
304		
1" to 1½"	384-1187	$14.24
2"	384-1188	$14.99
2½"	384-1189	$16.55
3"	384-1190	$21.91
4"	384-7084	$23.37

A13MO T-Bolt Type Clamp

Size	Stock #	PRICE
One Bolt, 304		
1½"	382-7486	$23.49
2"	384-1845	$24.49
4"	234-7861	$29.27
Two Bolt, 304		
6"	384-1848	$69.14
8"	384-1844	$111.88
10"	384-7151	$114.16
12"	384-7144	$131.56

14WMPS Short Weld Ferrule, 1/2" Long

Size	Stock #	PRICE
304		
1"	384-1260	$2.65
1½"	384-1261	$2.65
2"	384-1262	$3.23
2½"	384-1263	$4.77
3"	384-1264	$6.62
4"	384-1265	$10.41
316L		
½"	316-7019	$5.88
¾"	316-7023	$5.88
1"	316-7051	$4.50
1½"	316-1611	$3.31
2"	316-7030	$4.12
2½"	316-7031	$7.35
3"	316-7032	$8.82
4"	316-7049	$13.82

14WMO Short Weld Ferrule, Mach. Finish

Size	Stock #	PRICE
304		
6"	384-1266	$28.59
8"	384-1267	$39.12
10"	384-1268	$132.26
12"	384-7145	$206.48

L14AM Long Weld Ferrule, 1-1/8" Long

Size	Stock #	PRICE
304		
1"	384-1210	$3.97
1½"	384-1211	$3.97
2"	384-1212	$5.15
2½"	384-1213	$6.62
3"	384-1214	$8.67
4"	384-1215	$11.73
6"	384-7335	$72.03
316L		
1"	316-7036	$5.50
1½"	384-7207	$5.50
2"	316-7016	$6.43
2½"	384-7209	$10.86
3"	316-7014	$11.77
4"	316-7015	$16.85

14WLMP Tank Weld Ferrule, Light

Size	Stock #	PRICE
304		
1"	384-7086	$19.11
1½"	384-1256	$17.49
2"	384-1257	$21.09
2½"	384-1258	$30.43
3"	384-1259	$40.35
4"	384-7277	$61.67
316L		
1½"	316-1221	$24.99
2"	316-1222	$26.46
2½"	316-1223	$38.23
3"	316-1224	$50.54

14MPW Tank Weld Ferrule, Heavy

Size	Stock #	PRICE
304		
1"	384-7094	$9.26
1½"	384-1216	$8.60
2"	384-1217	$17.58
2½"	384-1218	$18.39
3"	384-1219	$20.71
4"	384-1220	$44.92
316L		
1½"	316-1231	$14.29
2"	316-1232	$18.06
2½"	316-1233	$25.21
3"	316-1234	$33.09

Call Customer Service at 800-826-8302

CLAMP FITTINGS

BS14AM Clamp Long Weld Ferrule

Size	Stock #	PRICE
316L		
½"	316-1405	$13.22
¾"	316-1406	$8.62
1″	316-7054	$7.87
1½″	316-1407	$7.87
2″	316-7539	$9.09
3″	316-7450	$19.09
4″	382-7302	$44.16
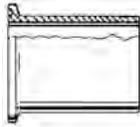
TLS14AM Clamp Weld Ferrule, Extended Tangent

Size	Stock #	PRICE
316L		
1½"	316-1311	$10.59
2"	316-1312	$11.49
2½"	316-1313	$21.82
3"	316-1314	$26.87
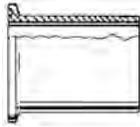
14RMP Roll-on Ferrule

Size	Stock #	PRICE
304		
1"	384-1240	$4.52
1½"	384-1241	$5.16
2"	384-1242	$4.92
2½"	384-1243	$7.61
3"	384-1244	$9.47
4"	384-1245	$13.22

Solid End Cap

Size	Stock #	PRICE
304 (16AMP)		
1" to 1½"	384-1311	$2.65
2"	384-1312	$3.38
2½"	384-1313	$5.29
3"	384-1314	$7.09
4"	384-1315	$13.60
6"	384-1316	$53.00
8"	384-1317	$90.18
304 (16AMO)		
10″	384-7184	$160.79
12″	384-7143	$306.89
316L (16AMP)		
½" to ¾"	234-7799	$4.12
1½"	316-1121	$3.31
2"	316-7022	$4.57
2½"	316-7021	$7.36
3"	316-7020	$9.72
4″	234-7800	$17.89

17MP-14 Adapter, Clamp X Nut

Size	Stock #	PRICE
304		
1½"	384-1451	$52.06
2"	384-7272	$66.81
2½"	384-7273	$86.00
3"	384-1454	$118.41
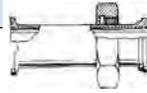
17MP-15 Adapter, Clamp X Thread

Size	Stock #	PRICE
304		
1½"	384-1441	$31.89
2"	384-1442	$39.63
2½"	384-7134	$55.57
3"	384-1444	$66.01
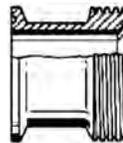
21MP Adapter, Clamp X MNPT

Size	Stock #	PRICE
304		
1½" x ½"	384-7217	$31.06
1½" x ¾"	384-7341	$42.16
1½" x 1"	384-7205	$42.16
1½" x 1¼"	384-7308	$40.31
1½"	384-7223	$36.55
1½" x 2"	384-7222	$42.16
2" x 1½"	384-7211	$42.16
2"	384-7296	$42.40
2½" x 2"	384-7370	$61.46
3"	384-7371	$84.33
4"	384-7372	$115.01
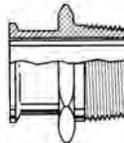
22MP Adapter, Clamp X FNPT

Size	Stock #	PRICE
304		
1½"	384-7026	$36.7
2"	384-7025	$42.8
3"	384-7178	$84.6
1½" x ½"	384-7326	$22.6
2" x 1½"	384-7192	$36.64
3" x 2"	384-7285	$59.75
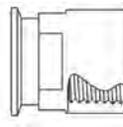
23BMP NPT Tapered Thermometer Cap

Size	Stock #	PRICE
304		
1½" x ½"	384-1464	$12.22
2″ x ½"	384-7299	$51.51
2" x ⅜"	384-7023	$90.72
2" x ¾"	384-1468	$51.45
2½" x ¾"	384-1475	$56.37
3" x ¾"	384-1477	$71.52
316L		
1½" x ⅜"	384-1131	$38.81
1½" x ½"	382-7465	$38.81
1½" x ¾"	384-7356	$38.81

31-14MP Concentric Reducer

Size	Stock #	PRICE
304		
1½" x 1"	384-1069	$14.48
2" x 1½"	384-1542	$32.94
2½" x 1½"	384-7030	$44.95
2½" x 2"	384-1544	$32.99
3" x 1½"	384-7036	$76.67
3" x 2"	384-1546	$53.43
3" x 2½"	384-1548	$49.14
4" x 2"	384-7104	$101.68
4" x 3"	384-1551	$65.40
4″ x 2½"	384-1148	$116.64
316L		
1″ x ½"	384-7314	$39.81
2″ x 1½"	384-1545	$30.18
3″ x 1½"	384-7316	$92.61
3″ x 2"	384-1068	$47.65
3″ x 2½"	384-7381	$71.26

32-14MP Eccentric Reducer

Size	Stock #	PRICE
304		
2" x 1½"	384-7066	$39.29
2½" x 2"	384-7278	$45.64
3" x 2½"	384-7286	$78.72
4" x 2"	384-7103	$133.77
4" x 2½"	384-7051	$128.18
4″ x 2½"	384-7051	$128.18
4" x 3"	384-7110	$90.38

Looking for clamp gaskets? You can find them on page 522.

Prices subject to change.

Weld Fittings

Sanitary Butt Weld fittings designed to meet the requirements of hand, machine, or automatic orbital welding. Made from AISI 304 stainless steel with #7 150 grit (32RA) polish. Weld fittings comply with 3-A surface finish standards. Options: Other sizes, styles, polishes, 316L stainless, extended tangent and no tangent. Sold by the each.

L2S 90° Elbow

Size	Stock #	PRICE
304		
1"	384-1070	$12.60
1½"	384-1071	$13.23
2"	384-1072	$14.55
2½"	384-1073	$21.00
3"	384-1074	$41.20
4"	384-1076	$53.93

B2S 90° Elbow, Long Radius

Size	Stock #	PRICE
304		
1"	637-7070	$11.12
1½"	637-7071	$11.34
2"	637-7072	$13.12
2½"	637-7073	$18.65
3"	637-7074	$25.29
4"	637-7075	$52.42
316L		
½"	316-7040	$22.28
¾"	316-1511	$22.28
1"	384-7176	$16.17
1½"	316-1411	$16.17
2"	316-7034	$21.56
2½"	316-7035	$32.34
3"	316-7002	$48.51
4"	316-7047	$83.64

2WCL 90° Elbow, Short Radius

Size	Stock #	PRICE
304		
1½"	637-1071	$9.56
2"	637-1072	$12.20
2½"	637-1073	$16.76
3"	637-1074	$22.79
4"	637-7015	$49.10
6"	637-1078	$308.70
316L		
1½"	384-1144	$10.64
2"	234-7834	$15.96
3"	316-2630	$33.83
4"	316-2640	$61.76

L2F 90° Elbow Weld X Bevel & Nut

Size	Stock #	PRICE
304		
1½"	384-7109	$50.27
2"	384-7063	$58.36
2½"	384-7195	$88.20
3"	384-7087	$99.77

B2KS 45° Elbow

Size	Stock #	PRICE
304		
1"	384-1054	$13.23
1½"	384-1055	$11.54
2"	384-1056	$14.21
2½"	384-1057	$20.62
3"	384-1058	$28.12
4"	384-1059	$44.10
316L		
½"	316-7039	$23.47
¾"	316-7008	$23.47
1"	384-1635	$16.95
1½"	384-1664	$14.11
2"	382-7319	$19.93
2½"	384-1631	$26.95
3"	384-1837	$37.81
4"	316-1059	$70.76

2WK 45° Elbow, Short Radius

Size	Stock #	PRICE
304		
1"	637-7023	$5.32
1½"	637-1055	$6.51
2"	637-1056	$8.60
2½"	637-1057	$12.90
3"	637-1058	$22.12
6"	637-1060	$147.51
316L		
2"	234-7837	$26.01
2½"	234-7836	$30.87
3"	234-7838	$37.48
4"	234-7839	$77.62

L7WWW Tee

Size	Stock #	PRICE
304		
1"	384-1086	$20.43
1½"	384-1087	$20.43
2"	384-1088	$21.83
2½"	384-1089	$26.90
3"	384-1090	$37.31
4"	384-1091	$55.77
316L		
1"	384-7177	$24.55
1½"	316-7037	$22.64
2"	316-7005	$26.75
2½"	316-7038	$31.71
3"	316-7013	$46.69
4"	316-7048	$75.76

B7RWWW Reducing Tee

Size	Stock #	PRICE
304		
1½" x 1"	637-1901	$36.75
2" x 1"	382-7514	$55.13
2" x 1½"	637-1902	$38.81
2½" x 1"	382-7513	$82.47
2½" x 1½"	637-1908	$69.09
2½" x 2"	637-1903	$42.53
3" x 1"	637-7004	$88.94
3" x 1½"	637-1909	$84.53
3" x 2"	637-1904	$61.30
3" x 2½"	637-1905	$61.30
4" x 2"	637-7009	$152.88
4" x 3"	637-1906	$98.27
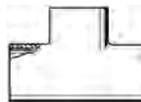
B9WWWW Cross

Size	Stock #	PRICE
304		
1½"	384-1097	$52.92
2"	384-1098	$66.00
2½"	384-7275	$68.50
3"	384-7276	$95.26
4"	384-7349	$147.00

16W Weld Type End Cap, Mach. Finish

Size	Stock #	PRICE
304		
1½"	384-7107	$7.20
2"	384-7108	$9.33
2½"	384-7283	$11.76
3"	384-7284	$13.38
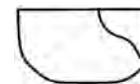
More fittings on the next page...

Call Customer Service at 800-826-8302

WELD FITTINGS

28BW True Y
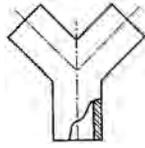
Size	Stock #	PRICE
304		
1½"	637-7002	$147.00
2"	637-7016	$170.52
2½"	637-7001	$205.80
3"	637-7017	$227.85

L31 Concentric Reducer
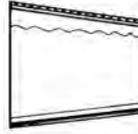
Size	Stock #	PRICE
304		
1½" x 1"	384-1531	$12.22
2" x 1"	384-7106	$29.35
2" x 1½"	384-1532	$16.61
2½" x 1½"	384-1533	$27.93
2½" x 2"	384-1534	$19.38
3" x 1½"	384-7029	$50.64
3" x 2"	384-1536	$28.49
3" x 2½"	384-1537	$34.03
4" x 2"	384-7148	$77.03
4" x 2½"	384-7071	$85.26
4" x 3"	384-1538	$42.27
6" x 4"	384-7153	$120.80

L32 Eccentric Reducer
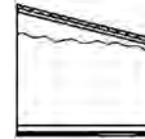
Size	Stock #	PRICE
304		
2" x 1½"	384-1596	$26.81
2½" x 1½"	384-7124	$43.95
2½" x 2"	384-1597	$29.63
3" x 1½"	384-7147	$59.56
3" x 2"	384-1601	$47.96
3" x 2½"	384-1598	$49.44
4" x 2"	384-1600	$111.72
4" x 3"	384-1599	$57.34

BEVEL SEAT FITTINGS

Bevel Seat Fittings

A long-time standard in the dairy industry, bevel seat connections utilize a bevel ferrule and a threaded ferrule held in place with a captured hex nut. Made from AISI 304 stainless steel with #7 150 grit (32RA) polish. Bevel Seat fittings comply with 3-A standard for manual cleaning only. Options: Other sizes, styles, polishes, 316L stainless. P-V seat, DC, DIN, SMS, & IDF threaded type fittings. Sold by the each.

2C 90° Elbow, Threaded Ends

Size	Stock #	PRICE
304		
1"	384-1000	$42.31
1½"	384-1001	$37.22
2"	384-1002	$44.72
2½"	384-1003	$60.60
3"	384-1004	$81.85
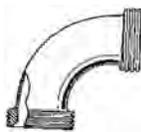
2F 90° Elbow, Thread X Bevel & Nut

Size	Stock #	PRICE
304		
1"	384-1019	$47.03
1½"	384-1020	$51.45
2"	384-1021	$71.13
2½"	384-1022	$89.47
3"	384-1023	$100.58

13H Hex Nut

Size	Stock #	PRICE
304		
1"	384-1160	$6.32
1½"	384-1161	$9.26
2"	384-1162	$11.61
2½"	384-1163	$17.35
3"	384-1164	$20.59
4"	384-1165	$37.30
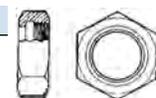
2E 90° Bevel Elbow Ends w/Nuts

Size	Stock #	PRICE
304		
1½"	384-1017	$88.27
2"	384-1018	$105.13
2½"	384-7279	$98.51
3"	384-7072	$129.51

2P 45° Elbow, Thread X Bevel & Nut

Size	Stock #	PRICE
304		
1½"	384-1061	$57.30
2"	384-1062	$69.64
2½"	384-7194	$80.98
3"	384-7116	$101.55

14PRFS Bevel Weld Ferrule, Short

Size	Stock #	PRICE
304		
1½"	384-1221	$4.70
2"	384-1222	$5.95
2½"	384-1223	$9.93
3"	384-1224	$12.88
4"	384-1225	$20.30

Prices subject to change.

BEVEL SEAT FITTINGS

L14A Bevel Weld Ferrule, Long

Size	Stock #	PRICE
304		
1½"	384-1201	$7.35
2"	384-1202	$8.00
2½"	384-1203	$12.90
3"	384-1204	$16.34
4"	384-1205	$28.31

14R Bevel Roll-on Ferrule

Size	Stock #	PRICE
304		
1"	384-1230	$6.75
1½"	384-1231	$6.75
2"	384-1232	$8.85
2½"	384-1233	$11.36
3"	384-1234	$14.44

14WL Bevel Tank Weld Ferrule, Light

Size	Stock #	PRICE
304		
1½"	384-1251	$35.28
2"	384-1252	$39.69
2½"	384-7280	$44.10
3"	384-1254	$48.75

15TRFS Threaded Weld Ferrule, Short

Size	Stock #	PRICE
304		
1"	384-1287	$5.51
1½"	384-1288	$5.51
2"	384-1289	$7.61
2½"	384-1290	$11.72
3"	384-1291	$14.95
4"	384-1292	$23.81

L15A Threaded Weld Ferrule, Long

Size	Stock #	PRICE
304		
1"	384-1657	$8.60
1½"	384-1271	$12.13
2"	384-1272	$13.83
2½"	384-1273	$20.73
3"	384-1274	$27.27
4"	384-7080	$40.39

15R Threaded Roll-on Ferrule

Size	Stock #	PRICE
304		
1"	384-1280	$8.80
1½"	384-1281	$9.63
2"	384-1282	$12.04
2½"	384-1283	$16.43
3"	384-1284	$19.43

15WL Threaded Tank Weld Ferrule, Light

Size	Stock #	PRICE
304		
1½"	384-1276	$25.07
2"	384-1275	$29.70
2½"	384-7297	$42.47
3"	384-1278	$55.43

16A Bevel End Cap

Size	Stock #	PRICE
304		
1"	384-1300	$3.34
1½"	384-1301	$5.44
2"	384-1302	$7.61
2½"	384-1303	$10.79
3"	384-1304	$15.15
4"	384-1305	$28.31

21 Adapter, Thread X Male NPT

Size	Stock #	PRICE
304		
1½"	637-7003	$47.11
2"	637-7010	$62.33
2½"	637-7014	$119.81
3"	637-7006	$125.69

22 Adapter, Thread X Female NPT

Size	Stock #	PRICE
304		
1½"	384-7301	$50.35
2"	384-7125	$66.81
3"	384-7340	$138.18

31-14F Reducer, Bevel Ends w/Nut

Size	Stock #	PRICE
304		
1½" x 1"	384-7174	$52.20
2" x 1½"	384-1539	$77.40
2½" x 2"	384-7281	$142.44
3" x 2½"	384-7282	$159.06

31TP Reducer, Thread X Bevel & Nut

Size	Stock #	PRICE
304		
1½" x 1"	384-7173	$55.05
2" x 1½"	384-1595	$71.10
3" x 2"	384-1593	$96.47
2½" x 2"	637-1300	$80.05
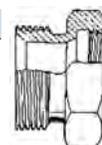
Don't forget to order your gaskets.

We have an extensive assortment starting on page 524.

Don't see what you need?

Call our Process Specialists. They can help!

JOHN PERRY & I-LINE FITTINGS

John Perry Fittings

A threaded connection similar to the Bevel Seat except with flat-faced ferrules to assure self-alignment. Popular on swing elbows and flow panels. Made with #7 150 grit (32RA) polish. John Perry fittings comply with 3-A standard for CIP and manual cleaning. Options: Other sizes, styles, polishes. Sold by the each.

2UJP 180° Return Bend Elbow

Size	Stock #	PRICE
316L		
2"	384-1005	$376.32
3"	384-7141	$680.40

14PRFJP Short Weld Ferrule

Size	Stock #	PRICE
304		
1½"	384-1227	$2.94
2"	384-1228	$10.90
2½"	384-1226	$12.53
3"	384-1229	$13.37
4"	384-7112	$12.90
316L		
1"	676-2410	$13.87
1½"	676-2415	$13.87
2"	676-2420	$18.77
2½"	676-2425	$32.64
3"	676-2430	$43.25
4"	676-2440	$71.81

15TRFJP Short Weld Ferrule, Threaded

Size	Stock #	PRICE
304		
1½"	384-1295	$11.06
2"	384-1296	$12.47
2½"	384-1297	$19.16
3"	384-1298	$21.96
4"	384-7113	$37.85
316L		
1"	676-2510	$25.48
1½"	676-2515	$25.57
2"	676-2520	$35.39
2½"	*76-2525	90.22
3"	676-2530	$94.86
4"	676-2540	$160.88

31-15F Reducer, Bevel & Nut X Thread

Size	Stock #	PRICE
304		
2" x 1½"	384-1553	$69.02
2½" x 2"	384-7132	$83.13
3" x 2½"	384-7126	$106.28
3" x 2"	384-1555	$104.30

16AJP Solid End Cap

Size	Stock #	PRICE
316		
1½"	384-7302	$28.58
2"	384-7303	$18.86
2½"	384-7304	$24.66
3"	384-7140	$36.15
4"	384-7183	$160.71

I-Line Fittings

Popular version of clamp fitting, I-Line connections utilize male and female flange ferrules. Provides for self-centering, self-aligning feature not found in standard clamp fittings. I-Line fittings comply with 3-A standards for CIP and manual cleaning. Options: Many other elbows, tees, ferrules, reducers, etc. Call our fittings product specialists. Sold by the each.

13IS HD Clamp

Size	Stock #	PRICE
304		
1½"	732-7033	$11.84
2"	115-7001	$14.70
2½"	732-7034	$20.72
3"	732-7035	$24.84
4"	732-7036	$29.25

HDI-16A-14I Male End Cap

Size	Stock #	PRICE
304		
1½"	234-7131	$7.36
2"	234-7072	$11.61
2½"	732-7047	$17.49
3"	732-7048	$22.09
4"	732-7049	$39.69

14WI Male Weld Ferrule, Short

Size	Stock #	PRICE
304		
1½"	732-7037	$11.76
2"	732-7038	$17.64
2½"	732-7039	$26.88
3"	732-7040	$45.36
4"	732-7041	$104.16
6"	384-7154	$120.39
316L		
1"	676-2910	$14.69
1½"	676-2915	$13.87
2"	676-2920	$19.58
2½"	676-2925	$34.27
3"	676-2930	$55.49
4"	676-2940	$135.46

16A-15I Female End Cap

Size	Stock #	PRICE
304		
1½"	234-7132	$7.36
2"	234-7440	$11.61
2½"	732-7050	$17.48
3"	732-7051	$22.06
4"	732-7052	$39.69

15WI Female Weld Ferrule, Short

Size	Stock #	PRICE
304		
1½"	732-7042	$13.44
2"	732-7043	$20.16
2½"	732-7044	$35.28
3"	732-7045	$55.44
4"	732-7046	$124.32
6"	384-7155	$268.80
316L		
1"	676-2810	$17.14
1½"	676-2815	$16.32
2"	676-2820	$25.30
2½"	676-2825	$40.80
3"	676-2830	$66.91
4"	676-2840	$155.04
6"	384-7155	$268.80

Prices subject to change.

Stretch Vinyl Dust Caps

Keep contaminants out of the line with these stretch vinyl dust caps. Fit clamp and bevel fittings. 25/pack.

Size	Unit	Stock #	PRICE
White			
1½"	PK	014-1515	$23.87
2"	PK	014-1520	$35.80
2½"	PK	014-1525	$44.71
3"	PK	014-1530	$48.99
4″	PK	014-1540	$54.21
Red			
1½"	PK	014-1415	$22.93
2"	PK	014-1420	$28.42
2½"	PK	014-1425	$38.98
3"	PK	014-1430	$42.87
4"	PK	014-1440	$54.21
Yellow			
1½"	PK	014-1215	$40.41
2"	PK	014-1220	$27.70
2½"	PK	014-1225	$32.93
3"	PK	014-1230	$40.90
4"	PK	014-1240	$54.22
Blue			
1½"	PK	014-1815	$23.14
2"	PK	014-1820	$28.42
2½"	PK	014-1825	$44.56
3"	PK	014-1830	$42.87
4"	PK	014-1840	$54.21

Tapered Plastic Dust Caps

Extremely economical way to cap off pipelines. Keep insects, dirt, and moisture out of the lines when they are not in use. They fit over clamp and bevel fittings, but not over hex nuts. 25/pack.

Size	Unit	Stock #	PRICE
White			
1½"	PK	014-1615	$7.73
2"	PK	014-1620	$23.42
2½"	PK	014-1625	$26.46
3"	PK	014-7630	$22.72
4″	PK	014-1630	$32.63
Red			
1½"	PK	014-1315	$5.40
2"	PK	014-1320	$9.11
2½"	PK	014-1325	$12.73
3"	PK	014-1330	$18.52
Yellow			
1½"	PK	014-1715	$6.32
2"	PK	014-1720	$17.62
2½"	PK	014-1725	$19.89
3″	PK	014-7730	$22.72
4″	PK	014-1730	$26.67
Blue			
1½"	PK	014-1115	$5.54
2"	PK	014-1120	$8.95
2½"	PK	014-1125	$12.64
3"	PK	014-1130	$19.64
4″	PK	014-1140	$24.92

Sanitary Pipeline Hangers

Prevent damage to pipe, valves, and connections caused by expansion and contraction. Use at least every 10′, on both sides of valves, and where lines change direction. Allow for slight movement of lines.

Tube and Pipe Hangers

Syntiro's SD hangers are a 100% cleanable design which makes them ideal for use in clean/sanitary areas, washdown areas, on insulated lines, inside mechanical areas, and the tiering of conduit lines. The 360° support to tubes circumference contact reduces potential collection areas. These hangers are made out 304SS and have silicone inserts. The silicone is best suited for temperatures from -40°F to 320°F. They are designed with "snug fit" as to leave room for the usual movement of pipe and tubing in the processing industry. Supports and hangers are also available in weld mounts and tiering options.

Mfg Part #	Size	Unit	Stock #	PRICE
SDH1.5T304SG	1½″	EA	739-1712	$9.48
SDH2.0T304SG	2″	EA	739-1713	$11.58
SDH2.5T304SG	2½″	EA	739-1714	$12.76
SDH3.0T304SG	3″	EA	739-1715	$15.20

Hex Weld Type Tube Hanger

These hexagon shaped hangers are the most popular style in use today. Weld into position. Comes with rubber grommet insert. PVC insert also available.

Size	Unit	Stock #	PRICE
1″	EA	384-1469	$4.62
1½"	EA	384-1471	$4.96
2″	EA	384-1472	$6.02
2½"	EA	384-1473	$6.78
3″	EA	384-1474	$7.74
4″	EA	384-1470	$10.03
6"	EA	384-7000	$17.30

Call Customer Service at 800-826-8302

PIPE HANGERS

Rubber Insert for Hex Tube Hanger

Size	Unit	Stock #	PRICE
1"	EA	384-1490	$0.68
1½" and 2½"	EA	384-1491	$0.48
2", 3" and 4"	EA	384-1492	$0.44

Hex Tubing Hangers

These hex tubing brackets easily weld in place. Required PVC insert sold separately.

Specifications	Unit	Stock #	PRICE
1"	EA	349-1010	$4.24
1.5"	EA	349-1015	$3.91
2"	EA	349-1020	$4.23
2.5"	EA	349-1025	$5.00
3"	EA	349-1030	$5.63
4"	EA	349-1040	$6.29
6"	EA	349-1060	$17.18

PVC Insert for Hex Tube Hanger

Size	Unit	Stock #	PRICE
1"	EA	234-1500	$1.28
1½"	EA	234-1501	$1.31
2"	EA	234-1502	$1.39
2½"	EA	234-1503	$1.48
3"	EA	234-1504	$1.72
4"	EA	234-1505	$1.91

Weld Type Pipe Hanger

Features contoured rubber insert for perfect fit. Weld into position.

Size	Unit	Stock #	PRICE
½"	EA	384-7324	$4.61
1"	EA	384-1493	$7.37
1½"	EA	384-1494	$7.85
2"	EA	384-1495	$9.09
2½"	EA	384-1496	$10.08
3"	EA	384-1497	$11.34
4"	EA	384-1498	$14.32

Hex Wrenches

Use these handy tools to tighten or loosen 13H hex nuts on threaded fittings and tanker valves. Made from lightweight aluminum alloy with a slender handle to make any job easy. Size shown is nominal hex nut (pipeline) size. Jaw is actual measurement of hex (e.g. #385-7054) 25H single end wrench fits a 3″ hex nut but has a jaw opening of 4-1/4″). Additional sizes also available.

Size	Jaw Size	Unit	Stock #	PRICE
25H Single End Hex Wrench				
1"	1⅞"	EA	383-7530	$8.86
1½"	2½"	EA	383-7531	$9.02
2"	3"	EA	382-7332	$12.43
2½"	3⅝"	EA	383-7533	$16.38
3"	4¼"	EA	385-7054	$20.37
4"	5½"	EA	383-7535	$36.16
25HA Double End Hex Wrench				
1½" x 1"	2½" x 1⅞"	EA	385-1514	$20.95
2" x 1½"	3" x 2½"	EA	385-1515	$15.93
2½" x 2"	3⅝" x 3"	EA	384-1460	$30.19
3" x 2"	4¼" x 3"	EA	382-1364	$38.14
H25H Single End Hex Wrench (Short Handle)				
1"	1⅞"	EA	382-7123	$9.52
1½"	2½"	EA	382-7124	$11.14
2"	3"	EA	382-7120	$13.27
2½"	3⅝"	EA	382-7125	$15.50
3"	4¼"	EA	382-7549	$20.37

Prices subject to change.

Plastic Cap Nuts

Seal open ends with inexpensive, but tough plastic cap nuts. Shut out contamination, dust, insects, mold, and odors on pipelines, pumps, or tanker equipment. Tightens drip-proof by hand. Renewable O-ring. Standard dairy threads. Stronger than ever! Available with or without chain to attach to pipeline.

Female Cap With Chain

Size	Unit	Stock #	PRICE
White			
1.5″	EA	528-1304	$13.00
2″	EA	528-1308	$14.31
2.5″	EA	528-1315	$15.36
3″	EA	528-1321	$16.41
4″	EA	528-1322	$20.88
Red			
1.5″	EA	528-1203	$13.00
2″	EA	528-1207	$14.31
2.5″	EA	528-1214	15.36
3″	EA	528-1220	$16.41
4″	EA	528-1221	$22.99
Black			
1.5″	EA	528-1006	$13.00
2″	EA	528-1011	$14.31
2.5″	EA	528-1013	$15.36
3″	EA	528-1016	$16.41
4″	EA	528-1017	$22.99

Male Cap With Chain

Size	Unit	Stock #	PRICE
White			
1.5″	EA	528-1323	$14.05
2″	EA	528-1329	$15.36
2.5″	EA	528-1343	$16.41
3″	EA	528-1347	$17.47
4″	EA	528-1348	$24.05
Red			
1.5″	EA	528-1222	$14.05
2″	EA	528-1228	$15.36
2.5″	EA	528-1242	$16.41
3″	EA	528-1246	$17.47
4″	EA	528-1247	$23.00
Black			
1.5″	EA	528-1018	$14.05
2″	EA	528-1021	$15.36
2.5″	EA	528-1026	$16.41
3″	EA	528-1031	$17.47
4″	EA	528-1033	$24.16

Female Cap Without Chain

Size	Unit	Stock #	PRICE
White			
1.5″	EA	528-1302	$9.21
2″	EA	528-1306	$10.47
2.5″	EA	528-1311	$11.52
3″	EA	528-1319	$12.58
4″	EA	528-1320	$18.88
Red			
1.5″	EA	528-1201	$9.21
2″	EA	528-1205	$10.47
2.5″	EA	528-1209	$11.52
3″	EA	528-1218	$12.58
4″	EA	528-1219	$18.89
Black			
1.5″	EA	528-1005	$9.21
2″	EA	528-1010	$10.47
2.5″	EA	528-1012	$11.52
3″	EA	528-1015	$12.58
4″	EA	528-1014	$18.88

Male Cap Without Chain

Size	Unit	Stock #	PRICE
White			
1.5″	EA	528-1325	$10.26
2″	EA	528-1327	$11.52
2.5″	EA	528-1341	$12.58
3″	EA	528-1345	$13.63
4″	EA	528-1346	$19.94
Red			
1.5″	EA	528-1224	$10.26
2″	EA	528-1226	$11.52
2.5″	EA	528-1240	$12.58
3″	EA	528-1244	$13.63
4″	EA	528-1245	$17.84
Black			
1.5″	EA	528-1019	$10.26
2″	EA	528-1020	$11.52
2.5″	EA	528-1025	$12.58
3″	EA	528-1030	$13.63
4″	EA	528-1032	$19.94

Call Customer Service at 800-826-8302

SANITARY GASKETS

Sanitary Gaskets

Our flexible, non-toxic gasket compounds meet FDA specifications for direct contact with dairy products and edible oils, as well as 3-A, USDA and NSF criteria. They will not absorb taste or odors. Low-swell characteristics make them ideal for exposure to oils, steam and water.

Buna: Our most popular gasket material. Also called nitrile or NBR, this oil-resistant rubber compound has excellent compression set, tear and abrasion resistance. Ozone degrades Buna-N, so don't store gaskets near electric motors and other ozone sources. Temperature range: -40° to 224°F.

EPDM: Excellent for steam/hot water service up to 350°F. This rubber compound has good resistance to animal and vegetable oils, mild acids, dilute alkalies, silicone oils and greases, phosphates, esters, ketones and alcohols. Not recommended for petroleum oils or diester-based lubricants. Resists water absorption. Good to fair resistance to tears and abrasion. Temperature range: -70° to 350°F.

Viton: With one of the best fluid resistance characteristics of any commercial elastomer, Viton is particularly resistant to oils, fuels, lubricants and most mineral acids. Viton withstands high temperatures and retains good mechanical properties, oil and chemical resistance…better than most other elastomers. Remains usefully elastic indefinately in air oven testing up to 400°F or, intermittently to 500°F. Good for steam service.

Silicone: Outstanding low-temperature flexibility, with a working range from -70° to 400°F. This rubber compound resists lubrication, animal and vegetable oils, most dilute acids and alkalies. Excellent ozone and weathering resistance. Also resists many solvents that can cause excess swelling. Adequate tear and abrasion resistance.

Teflon®: A plastic with an outstanding temperature range: -450° to 500°F. Resists all chemicals except alakali metals, fluorine and some fluorinated chemicals. Because it is not a rubber compound, it will not return to its original shape when compressed. Envelope gaskets of Teflon with a rubber core are available to solve this problem.

Note: Listed by size of tube OD, not by ID/OD of gasket. Call our gasket and O-ring product specialists with questions. Gaskets sold individually, but order in package quantities for more economical pricing.

Metal Detectable Poly-SS & Poly-SS-XR Clamp Gaskets

Poly-SS gaskets blend PTFE and stainless steel to make a super-strong, long-lasting gasket. Choose regular metal detectable (gray Poly-SS), or metal detectable/ X-ray detectable (blue Poly-SS-XR) blend of PTFE, stainless steel, and barium. Chemical and temperature resistant.

Color	Size	Unit	Stock #	PRICE
Poly-SS Metal Detectable				
Gray	1"	EA	291-7010	$3.95
Gray	1.5"	EA	291-7015	$2.70
Gray	2"	EA	291-7020	$4.13
Gray	2.5"	EA	291-7025	$5.97
Gray	3"	EA	291-7030	$5.51
Gray	4"	EA	291-7040	$7.86
Gray	6"	EA	291-7050	$21.83
Gray	8"	EA	291-7080	$54.57
Gray	10"	EA	291-7110	$99.23
Gray	12"	EA	291-7112	$165.38
Poly-SS-XR Metal Detectable/X-Ray Detectable				
Blue	1"	EA	291-7011	$4.13
Blue	1.5"	EA	291-7017	$3.22
Blue	2"	EA	291-7021	$4.23
Blue	2.5"	EA	291-7026	$5.82
Blue	3"	EA	291-7031	$6.08
Blue	4"	EA	291-7041	$9.92
Blue	6"	EA	291-7051	$29.06

Metal Detectable Clamp Gaskets

Buna and EPDM clamp gaskets are now available in a metal-detectable version. These clamp gaskets have the same quality and usage as regular Buna and EPDM gaskets, but now offer the ability to be detected by metal detectors. Since ozone degrades Buna gaskets, don't store them near electric motors and other ozone sources. Temperature range -40°F to 225°F.

Size	Unit	Stock #	PRICE
Red Buna			
1"	EA	291-1610	$1.13
1½"	EA	291-1615	$1.04
2"	EA	291-1620	$1.15
2½"	EA	291-1625	$1.56
3"	EA	291-1630	$1.72
4"	EA	291-1640	$2.25
6"	EA	291-9460	$12.14
8"	EA	291-9480	$13.97
Black Buna			
1½"	EA	291-9515	$1.07
2"	EA	291-9520	$1.18
2½"	EA	291-9525	$1.60
3"	EA	291-9530	$1.76
4"	EA	291-9540	$2.31
Black EPDM			
1½"	EA	291-9615	$1.41
2"	EA	291-9620	$1.47
2½"	EA	291-9625	$1.93
3"	EA	291-9630	$2.14
4"	EA	&91-9640	1.75

Prices subject to change.

Metal & X-Ray Detectable Gaskets

Newest advancement in gasket technology - standard pipeline gaskets that are metal detectable and X-rayable. Gasket material can be easily detected by both metal detectors and X-ray machines, allowing production line workers to quickly identify and remove contaminated product from the line. Gasket material can be X-ray detected in use with packaging and product that includes glass, metal, high density plastics, and even products.

Size	Unit	Stock #	PRICE
Red Buna			
1″	EA	291-1910	$0.65
1½″	EA	291-1915	$0.59
2″	EA	291-1920	$0.80
2½	EA	291-1925	$1.04
3″	EA	291-1930	$1.27
4″	EA	291-1940	$1.83

Metal Detectable Silicone Gaskets

Get all the benefits of silicone in a metal detectable version. These gaskets have outstanding low-temperature flexibility, with a working range from -70° to 400°F. Silicone resists lubricating, animal and vegetable oils, most dilute and alkalies. Excellent ozone and weathering resistance. Also has adequate tear and abrasion resistance.

Size	Unit	Stock #	PRICE
Red Clamp			
1″	EA	291-7310	$1.66
1.5″	EA	291-7315	$1.62
2″	EA	291-7320	$1.70
2.5″	EA	291-7325	$2.33
3″	EA	291-7330	$2.56
4″	EA	291-7340	$3.11
White Clamp			
1″	EA	291-7210	$1.66
1.5″	EA	291-7215	$1.62
2″	EA	291-7220	$1.70
2.5″	EA	291-7225	$2.33
3″	EA	291-7230	$2.56
4″	EA	291-7240	$3.11
Red I-line			
1.5″	EA	291-9115	$1.76
2″	EA	291-9120	$1.79
2.5″	EA	291-9125	$2.73
3″	EA	291-9130	$2.90
4″	EA	291-9140	$3.15

Color-Coded Metal Detectable Buna Clamp Gaskets

Need metal detection to ensure product quality but want to monitor maintenance changes through color coding - NOW YOU CAN! Our Buna clamp gaskets are metal detectable and available in a wide variety of colors. Whether you want to monitor annual, semi-annual, quarterly or other gasket changes, we have plenty of options to meet your needs.

Size	Unit	Stock #	PRICE
Red			
1″	EA	494-1410	$1.94
1.5″	EA	494-1415	$2.10
2″	EA	494-1420	$2.58
2.5″	EA	494-1425	$3.07
3″	EA	494-1430	$4.04
4″	EA	494-1440	$4.68
Yellow			
1.5″	EA	494-1215	$3.71
2″	EA	494-1220	$4.55
2.5″	EA	494-1225	$5.32
3″	EA	494-1230	$6.44
4″	EA	494-1240	$8.26
Green			
1.5″	EA	494-1315	$3.71
2″	EA	494-1320	$4.55
2.5″	EA	494-1325	$5.32
3″	EA	494-1330	$6.44
4″	EA	494-1340	$8.26
Blue			
1.5″	EA	494-1615	$3.71
2″	EA	494-1621	$4.55
2.5″	EA	494-1625	$5.32
3″	EA	494-1630	$6.44
4″	EA	494-1641	$8.26

Extended sizes available.

Give us a call with your request today!

Color-Coded Clamp Gaskets

The standard clamp gasket just got better! Colors make it easy to code by area or by date changed. Flexible, nontoxic compounds meet FDA specifications for direct contact with dairy products and edible oils, as well as 3-A, USDA and NSF Criteria. 25/box.

Size	Unit	Stock #	PRICE
Red Buna			
1″	EA	291-1568	$0.52
1½″	EA	291-1569	$0.37
2″	EA	291-1570	$0.40
2½″	EA	291-1571	$0.46
3″	EA	291-1572	$0.56
4″	EA	291-1573	$0.89
6″	EA	291-1574	$5.72
Yellow Buna			
1″	EA	291-7575	$0.57
1½″	EA	291-7576	$0.37
2″	EA	291-7577	$0.40
2½″	EA	291-7578	$0.46
3″	EA	291-7579	$0.56
4″	EA	291-7580	$0.89
6″	EA	291-7581	$7.47
Blue Buna			
1″	EA	291-1582	$0.47
1½″	EA	291-1583	$0.37
2″	EA	291-1585	$0.40
2½″	EA	291-1584	$0.46
3″	EA	291-1586	$0.56
4″	EA	291-1587	$0.89
6″	EA	291-1588	$5.21
Green Buna			
1″	EA	291-1589	$0.57
1½″	EA	291-1590	$0.37
2″	EA	291-1591	$0.35
2½″	EA	291-1592	$0.39
3″	EA	291-1593	$0.49
4″	EA	291-1594	$0.76
6″	EA	291-1595	$7.89
Pink Buna			
1″	EA	291-1561	$0.85
1½″	EA	291-1562	$0.41
2″	EA	291-1563	$0.29
2½″	EA	291-1564	$1.07
3″	EA	291-1565	$1.54
4″	EA	291-1566	$2.30
6″	EA	291-1567	$7.89
Red Viton			
1½″	EA	291-1006	$3.07
2″	EA	291-1007	$3.28
2½″	EA	291-1008	$5.21
3″	EA	291-1009	$6.60
4″	EA	291-1011	$7.64
Blue Viton			
1½″	EA	291-1060	$3.07
2″	EA	291-1061	$3.28
2½″	EA	291-1062	$5.21
3″	EA	291-1063	$6.60
4″	EA	291-1064	$7.64
Green Viton			
1½″	EA	291-1001	$3.07
2″	EA	291-1002	$3.28
2½″	EA	291-1003	$5.21
3″	EA	291-1004	$6.60
4″	EA	291-1005	$7.64

Call Customer Service at 800-826-8302

SANITARY GASKETS

Standard Clamp Sanitary Gaskets

25/box.

Size	Model	Unit	Stock #	PRICE
Black Buna				
½"	42MP-U	EA	493-1405	$0.50
¾"	42MP-U	EA	493-1406	$0.58
1"	40MP-U	EA	384-1710	$0.38
1½"	40MP-U	EA	493-1415	$0.53
2"	40MP-U	EA	493-1420	$0.65
2½"	40MP-U	EA	493-1425	$0.70
3"	40MP-U	EA	493-1430	$0.75
4"	40MP-U	EA	493-1440	$1.09
5"	40MO-U	EA	384-1716	$1.78
6"	40MO-U	EA	384-1717	$6.35
White Buna				
1"	40MP-UW	EA	384-1780	$0.37
1½"	40MP-UW	BX	384-1781	$7.63
2"	40MP-UW	BX	384-1782	$7.63
2½"	40MP-UW	BX	384-1783	$9.64
3"	40MP-UW	BX	384-1784	$10.38
4"	40MP-UW	BX	384-1785	$20.14
6"	40MP-UW	EA	493-7005	$7.06
White Teflon				
¾"	42MP-G	EA	493-7019	$1.92
1"	40MP-G	EA	493-1710	$0.95
1½"	40MP-G	BX	493-1715	$20.10
2"	40MP-G	BX	493-1720	$22.57
2½"	40MP-G	BX	493-1725	$29.10
3"	40MP-G	BX	493-1730	$29.60
4"	40MP-G	BX	493-1740	$40.13
5"	40MO-G	EA	493-1750	$17.26
6"	40MO-G	EA	493-1760	$14.88
8"	40MO-G	EA	493-1780	$33.76
10"	40MO-G	EA	493-1782	$49.07
12"	40MO-G	EA	493-1784	$67.40
Blue Teflon				
1½"	40MP-GBT	EA	493-7077	$1.18
2"	40MP-GBT	EA	493-7026	$1.37
2½"	40MP-GBT	EA	493-7027	$1.44
3"	40MP-GBT	EA	493-7078	$1.70
4"	40MP-GBT	EA	493-7079	$2.01
Black EPDM				
½"	42MP-E	EA	493-7042	$0.57
¾"	42MP-E	EA	493-7069	$1.05
1"	40MP-E	EA	384-1801	$0.53
1½"	40MP-E	BX	384-1802	$13.04
2"	40MP-E	BX	384-1803	$11.18
2½"	40MP-E	BX	384-1804	$14.90
3"	40MP-E	BX	384-1805	$16.91
4"	40MP-E	BX	384-1806	$19.88
5"	40MO-E	EA	384-7166	$7.99
6"	40MO-E	EA	493-7039	$3.70
White EPDM				
1½"	40MP-EW	EA	493-7011	$0.74
2"	40MP-EW	EA	493-7012	$0.77
2½"	40MP-EW	EA	493-7070	$0.97
3"	40MP-EW	EA	493-7071	$1.13
4"	40MP-EW	EA	493-7072	$1.24
Black Viton				
½"	42MP-SFY	EA	493-7081	$1.45
¾"	42MP-SFY	EA	493-7002	$1.38
1"	40MP-SFY	EA	493-1910	$1.67
1½"	40MP-SFY	BX	493-1915	$30.28
2"	40MP-SFY	BX	493-1920	$30.35
2½"	40MP-SFY	BX	493-1925	$51.16
3"	40MP-SFY	BX	493-1930	$65.84
4"	40MP-SFY	BX	493-1940	$90.96
6"	40MO-SFY	EA	384-7093	$14.48
White Viton				
½"	42MP-SFY-W	EA	493-7305	$3.15
¾"	42MP-SFY-W	EA	493-7307	$3.15
1"	40MP-SFY-W	EA	493-7310	$3.25
1½"	40MP-SFY-W	EA	493-7315	$2.97
2"	40MP-SFY-W	EA	493-7320	$3.25
2½"	40MP-SFY-W	EA	493-7325	$4.37
3"	40MP-SFY-W	EA	493-7330	$4.76
4"	40MP-SFY-W	EA	493-7340	$7.87

Size	Model	Unit	Stock #	PRICE
White Silicone				
½"	42MP-X	EA	493-1407	$0.82
¾"	42MP-X	EA	493-1408	$0.88
1"	40MP-X	EA	384-1791	$0.83
1½"	40MP-X	EA	384-1786	$0.69
2"	40MP-X	EA	384-1787	$0.83
2½"	40MP-X	EA	384-1788	$1.15
3"	40MP-X	EA	384-1789	$1.25
4"	40MP-X	EA	384-1790	$1.49
6"	40MP-X	EA	395-1928	$10.08

Teflon® Envelope Clamp Gaskets

Get the temperature advantage of Teflon (-450 to 500°F) and the elasticity of Viton, all in one gasket.

Size	Model	Unit	Stock #	PRICE
1"	A40MP-GR	EA	493-1360	$2.89
1½"	A40MP-GR	EA	493-1361	$1.99
2"	A40MP-GR	EA	493-1362	$2.68
2½"	A40MP-GR	EA	493-1363	$3.00
3"	A40MP-GR	EA	493-1364	$3.81
4"	A40MP-GR	EA	493-1365	$6.44

Schedule 5 Sanitary Gaskets

25/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
1½"	40MV-U Buna	EA	384-7089	$1.75
3"	40MV-U Buna	EA	384-1799	$2.12
4"	40MV-U Buna	EA	384-1800	$2.51
4"	40MV-G Teflon	EA	493-1385	$22.19
4"	40MV-SFY Viton	EA	384-7092	$25.77

Flanged Sanitary Gaskets

25/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
Black Buna				
1"	40MPF-U	EA	384-1755	$0.49
1½"	40MPF-U	EA	384-1756	$0.43
2"	40MPF-U	EA	384-1757	$0.51
2½"	40MPF-U	EA	384-1758	$0.62
3"	40MPF-U	EA	384-1759	$0.86
4"	40MPF-U	EA	384-1760	$1.16
6"	40MOF-U	EA	384-1764	$8.75
8"	40MOF-U	EA	384-1765	$7.59
10"	40MOF-U	EA	384-1766	$9.28
12"	40MOF-U	EA	384-1767	$11.13
Black Viton				
1"	40MPF-SFY	EA	395-1920	$2.78
1½"	40MPF-SFY	EA	395-1921	$2.29
2"	40MPF-SFY	EA	395-1922	$2.77
2½"	40MPF-SFY	EA	395-1923	$5.72
3"	40MPF-SFY	EA	395-1924	$5.95
4"	40MPF-SFY	EA	395-1925	$5.60
6"	40MOF-SFY	EA	395-1935	$21.04
8"	40MOF-SFY	EA	395-1936	$15.00
10"	40MOF-SFY	EA	395-1937	$36.63
12"	40MOF-SFY	EA	395-1938	$42.06
White Silicone				
1"	40MPF-X	EA	395-1910	$1.53
1½"	40MPF-X	EA	395-1911	$1.23
2"	40MPF-X	EA	395-1912	$1.26
2½"	40MPF-X	EA	395-1913	$1.48
3"	40MPF-X	EA	395-1914	$1.76
4"	40MPF-X	EA	395-1915	$3.76
6"	40MOF-X	EA	493-7085	$16.10
8"	40MOF-X	EA	384-7020	$19.51
10"	40MOF-X	EA	493-7086	$20.63
12"	40MOF-X	EA	493-7087	$22.14

Prices subject to change.

Schedule 5 Flanged Black Buna Gaskets

25/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
3"	40MVF-U	EA	384-7312	$2.92
4"	40MVF-U	EA	384-1795	$4.64
6″	40MVF-U	EA	384-1796	$8.08
8"	40MVF-U	EA	384-1797	$13.18
10″	40MVF-U	EA	382-7917	$16.97
12″	40MVF-U	EA	384-7021	$11.21

Bevel Seat Gaskets
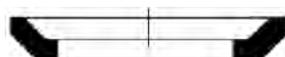
25/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
Black Buna Lipped				
1″	40BS-B	EA	493-1110	$0.42
1½"	40BS-B	EA	493-1115	$0.37
2″	40BS-B	EA	493-1620	$0.39
2½″	40BS-B	EA	493-1125	$0.74
3″	40BS-B	EA	493-1130	$0.87
White Teflon				
1″	40BS-S	EA	291-1010	$1.05
1½"	40BS-S	EA	291-1015	$0.68
2″	40BS-S	EA	291-1020	$0.71
2½"	40BS-S	EA	291-1025	$1.03
3″	40BS-S	EA	291-1030	$1.40
4″	40BS-S	EA	291-1040	$3.24
White Teflon-Heavy				
1½″	40BS-H	EA	493-1215	$2.69
2″	40BS-H	EA	493-1220	$2.90
2½″	40BS-H	EA	493-1225	$3.30
3″	40BS-H	EA	493-1230	$4.39
4″	40BS-H	EA	493-1240	$7.79
Blue Teflon				
1″	40BSS-B	EA	291-1310	$1.11
1½″	40BSS-B	EA	291-1315	$1.10
2″	40BSS-B	EA	291-1320	$1.24
2½″	40BSS-B	EA	291-1325	$2.01
3″	40BSS-B	EA	291-1330	$2.33
Black Buna-N				
1″	40BS-O	EA	493-1354	$0.42
1½″	40BS-O	EA	493-1355	$0.34
2″	40BS-O	EA	493-1356	$0.33
2½″	40BS-O	EA	493-1357	$0.65
3″	40BS-O	EA	493-1358	$0.79
4″	40BS-O	EA	493-1359	$1.40

Snap Tite Buna Gaskets
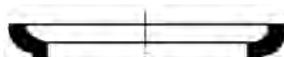
Sold by each.

Size	Available Pack Size	Unit	Stock #	PRICE
1″	100	EA	312-1010	$0.70
1½"	100	EA	312-1015	$1.05
2″	100	EA	312-1020	$1.12
2½"	50	EA	312-1025	$1.73

Flat Seat Bevel Seat Gaskets

Black Buna. 100/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
1″	40BS-F	EA	493-1010	$0.28
1½"	40BS-F	EA	493-1015	$0.31
2″	40BS-F	EA	493-1020	$0.33
2½″	40BS-F	EA	493-1025	$0.44
3″	40BS-F	EA	493-1030	$0.70
4″	40BS-F	EA	493-1040	$0.77

John Perry Pipeline Gaskets
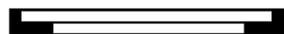
25/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
Black Buna				
1½″	40JP-U	EA	493-1315	$0.39
2″	40JP-U	EA	493-1320	$0.49
2½″	40JP-U	EA	493-1325	$0.52
3″	40JP-U	EA	493-1330	$0.51
4″	40JP-U	EA	493-1340	$0.88
White Teflon				
1″	40JP-G	EA	291-1210	$4.20
1½″	40JP-G	EA	291-1215	$2.34
2″	40JP-G	EA	291-1220	$1.87
2½″	40JP-G	EA	291-1225	$3.16
3″	40JP-G	EA	291-1230	$3.27
4″	40JP-G	EA	291-1240	$5.69
Black EPDM				
1″	40JP-E	EA	493-1810	$1.79
1½"	40JP-E	EA	493-1815	$0.81
2″	40JP-E	EA	493-1820	$1.12
2½"	40JP-E	EA	493-1825	$2.12
3″	40JP-E	EA	493-1830	$2.43
4″	40JP-E	EA	493-1840	$4.90

I-Line Pipeline Gaskets

25/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
Black Buna				
1"	40IH	EA	115-1210	$0.67
1½"	40IH	EA	115-1215	$0.38
2″	40IH	EA	115-1220	$0.35
2½″	40IH	EA	115-1225	$0.61
3″	40IH	EA	115-1230	$0.81
4″	40IH	EA	115-1240	$1.07
White EPDM				
1″	40IE	EA	115-1610	$0.61
1½″	40IE	EA	115-1615	$0.66
2″	40IE	EA	115-1620	$1.56
2½″	40IE	EA	115-1625	$1.00
3″	40IE	EA	115-1630	$1.70
4″	40IE	EA	115-1640	$1.86
Black Viton				
1″	40IV	EA	115-1410	$2.52
1½″	40IV	EA	115-1415	$2.16
2″	40IV	EA	115-1420	$2.58
2½″	40IV	EA	115-1425	$3.00
3″	40IV	EA	115-1430	$3.72
4″	40IV	EA	115-1440	$5.21
White Teflon				
1"	40IT	EA	291-1110	$0.71
1½"	40IT	EA	291-1115	$0.79
2″	40IT	EA	291-1120	$0.89
2½″	40IT	EA	291-1125	$0.98
3″	40IT	EA	291-1130	$1.25
4″	40IT	EA	291-1140	$1.59
6″	40IT	EA	291-7000	$20.28

Q-Line Pipeline Gaskets

25/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
Black Buna				
1″	40QH	EA	493-1850	$0.90
1½"	40QH	EA	493-1851	$0.89
2″	40QH	EA	493-1852	$1.19
2½"	40QH	EA	493-1853	$1.47
3″	40QH	EA	493-1854	$1.93
4″	40QH	EA	493-1855	$2.97

More gaskets on the next page...

Call Customer Service at 800-826-8302

SANITARY GASKETS

H-Line Red Silicone Gaskets

25/pack. Sold by each.

Size	Model	Unit	Stock #	PRICE
1½"	H40	EA	234-1615	$2.55
2"	H40	EA	234-1620	$2.58
2½"	H40	EA	234-1625	$2.64
3"	H40	EA	234-1630	$3.05
4"	H40	EA	234-1640	$4.54

APC Clamp Pipeline Gaskets
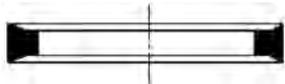
25/box.

Size	Model	Unit	Stock #	PRICE
Gray Buna				
1½"	101H	BX	016-1015	$17.65
2"	101H	BX	016-1020	$19.16
2½"	101H	BX	016-1025	$24.09
3"	101H	BX	016-1030	$32.09
4"	101H	BX	$16-1040	54.14
5"	101H	EA	016-1050	$14.00
6"	101H	EA	016-1060	$7.93
Black Buna				
1"	101HX	EA	016-1310	$0.61
1 1/2"	101HX	EA	016-1315	$0.50
2"	101HX	EA	016-1320	$0.55
2 1/2"	101HX	EA	016-1325	$0.63
3"	101HX	EA	016-1330	$0.71
4"	101HX	EA	016-1340	$1.19

Sock Screen Gaskets

Similar to standard mesh screen gaskets, except with extended sock shaped mesh for more open area and greater flow. Clamp-type or bevel seat gaskets in your choice of two lengths. #16 mesh and black Buna gasket only.

- Long sock screen gaskets are 6″ in length.
- Short sock screen gaskets 1-1/2″ and 2″ are 3/4″ in length, while 2-1/2″ and 3″ are 1-1/2″ in length.

Size	Unit	Stock #	PRICE
Clamp-Type, Short			
1½"	EA	493-7043	$47.51
2"	EA	493-7044	$49.76
2½"	EA	493-7045	$50.52
3"	EA	493-7046	$53.14
Clamp-Type, Long			
1½"	EA	493-7047	$47.51
2"	EA	493-7041	$49.76
2½"	EA	493-7048	$50.51
3"	EA	493-7034	$53.14
4"	EA	493-7049	$63.61
Bevel Seat, Short			
1½"	EA	493-7038	$47.51
2"	EA	493-7037	$49.76
2½"	EA	493-7050	50.45
3"	EA	493-7036	$53.14
Bevel Seat, Long			
2"	EA	493-7051	$49.76
3"	EA	493-7031	$53.14
4"	EA	493-7052	$63.61

Mesh Screen Gasket - #10 Mesh Standard Clamp

Stainless steel mesh screen gasket set into a Standard Clamp black Buna gasket.

Size	Model	Unit	Stock #	PRICE
1"	40MPS-U	EA	384-1768	$13.05
1½"	40MPS-U	EA	384-1769	$14.74
2"	40MPS-U	EA	384-1770	$16.13
2½"	40MPS-U	EA	384-1771	$19.34
3"	40MPS-U	EA	384-1772	$22.26
4"	40MPS-U	EA	384-1773	$28.04

Mesh Screen Gasket - #14 Mesh Bevel Seat

Stainless steel mesh screen set into Bevel Seat black Buna gasket. Note: other mesh sizes: EPDM, Viton or Silicone gaskets are also available.

Size	Model	Unit	Stock #	PRICE
1"	A40BS-US	EA	493-1510	$19.95
1½"	A40BS-US	EA	493-1515	$19.95
2"	A40BS-US	EA	493-1520	$22.45
2½"	A40BS-US	EA	493-1525	$30.77
3"	A40BS-US	EA	493-1530	$37.42

Prices subject to change.

Perforated Plate Gaskets

Stainless steel plate with .033″ (comparable to a #20 mesh) holes set in standard Buna clamp gasket. Options: Other size perforations; EPDM, Viton or Silicone gaskets also available.

Size	Model	Unit	Stock #	PRICE
1½"	40MP-UP	EA	493-7000	$12.50
2″	40MP-UP	EA	493-7020	$15.38
2½"	40MP-UP	EA	493-7001	$16.76
3″	40MP-UP	EA	493-7021	$20.56
4″	40MP-UP	EA	493-7068	$41.14

Orifice Plates
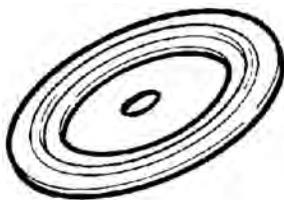
A stainless steel plate with an orifice is set into Buna, EPDM or Viton clamp gasket. Use to restrict the flow of liquid through clamp joints. Factory drilled pilot hole (1/8″).

Size	Model	Unit	Stock #	PRICE
Buna				
1″	A80MP-U	EA	384-1947	$12.89
1½″	A80MP-U	EA	384-1941	$12.68
2″	A80MP-U	EA	384-1942	$13.23
2½"	A80MP-U	EA	384-1943	$17.20
3″	A80MP-U	EA	384-1944	$19.18
4″	A80MP-U	EA	384-1946	$32.24
EPDM				
1″	A80MP-E	EA	395-1940	$24.07
1½″	A80MP-E	EA	395-1941	$20.72
2″	A80MP-E	EA	395-1942	$22.57
2½″	A80MP-E	EA	395-1943	$29.16
3″	A80MP-E	EA	395-1944	$33.76
4″	A80MP-E	EA	395-1945	$55.21
Viton				
1″	A80MP-SFY	EA	395-1948	$30.19
1½″	A80MP-SFY	EA	395-1949	$27.15
2″	A80MP-SFY	EA	395-1950	$30.72
2½″	A80MP-SFY	EA	395-1951	$40.98
3″	A80MP-SFY	EA	395-1952	$37.84
4″	A80MP-SFY	EA	395-1953	$86.07

Sanitary Orifice
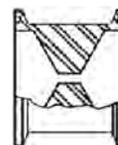
Increase line back pressure to desired level. CIP cleanable. Use where standard orifice plates are either insufficient or not allowed. Factory drilled pilot hole (1/8″). All sizes 2″ long. Model 484A.

Size	Unit	Stock #	PRICE
1½"	EA	234-1415	$179.76
2"	EA	234-1420	$240.24
2½"	EA	234-1425	$408.24
3"	EA	234-1430	$455.28

White Rubber Food Grade Sheeting

This Nitrile material is of FDA approved ingredients. It gives long service for general gasketing in food processing or pharmaceutical manufacturing. Good abrasive properties. Resists oily and greasy food products, is non-toxic and non-marking. 55 to 65 durometer. Sold in pre-cut pieces shown for curd movers/knives, or by the linear foot in 3 foot wide sections. (Thus an order for one linear foot would be a piece 1 foot x 3 feet).

Size	Unit	Stock #	PRICE
Pre-Cut Strips			
¼" x 2½" x 96"	EA	162-1044	$38.01
⅛" x 2½" x 40"	EA	162-1045	$13.13
Sheeting			
1⁄16" x 36"W	LF	162-7019	$34.90
3⁄32" x 36"W	LF	162-7003	$26.25
⅛" x 36"W	LF	162-7020	$39.69
3⁄16" x 36"W	LF	162-7023	$80.89
¼" x 36"W	LF	162-7024	$75.73

TEFLON® White Sheeting

Make your own gaskets. Virgin white Teflon sheet is 1/16″ (.062) thick and up to 48″ wide. Custom cut to order. Specify length x width in inches.

Unit	Stock #	PRICE
SI	024-1060	$0.43

Call Customer Service at 800-826-8302

O-RINGS

Replacement FDA Accepted O-Rings

Buy as few or as many as you wish. All O-rings listed are black, FDA accepted Buna. Options: also available in Viton, EPDM and silicone. Please call for more information.

Universal Number	W x ID x OD	Unit	Stock #	PRICE
004	¹⁄₁₆" x ⁵⁄₆₄" x ¹³⁄₁₆"	EA	498-1004	$0.89
005	¹⁄₁₆" x ⁵⁄₆₄" x ⁷⁄₃₂"	EA	498-1005	$0.85
006	¹⁄₁₆" x ⅛" x ¼"	EA	498-1006	$0.21
007	¹⁄₁₆" x ⁵⁄₃₂" x ⁹⁄₃₂"	EA	498-1007	$0.17
008	¹⁄₁₆" x ³⁄₁₆" x ⁵⁄₁₆"	EA	498-1008	$0.14
009	¹⁄₁₆" x ⁷⁄₃₂" x ¹¹⁄₃₂"	EA	498-1009	$0.14
010	¹⁄₁₆" x ¼" x ⅜"	EA	498-1010	$0.15
011	¹⁄₁₆" x ⁵⁄₁₆" x ⁷⁄₁₆"	EA	498-1011	$0.15
012	¹⁄₁₆" x ⅜" x ½"	EA	498-1012	$0.15
026	¹⁄₁₆" x 1¼" x 1⅜"	EA	498-7021	$0.62
037	¹⁄₁₆" x 2½" x 2⅝"	EA	498-1037	$1.09
110	³⁄₃₂" x ⅜" x ⁹⁄₁₆"	EA	498-1110	$0.15
111	³⁄₃₂" x ⁷⁄₁₆" x ⅝"	EA	498-1111	$0.27
112	³⁄₃₂" x ½" x ¹¹⁄₁₆"	EA	498-1112	$0.18
113	³⁄₃₂" x ⁹⁄₁₆" x ¾"	EA	498-1113	$0.18
114	³⁄₃₂" x ⅝" x ¹³⁄₁₆"	EA	498-1114	$0.18
115	³⁄₃₂" x ¹¹⁄₁₆" x ⅞"	EA	498-1115	$0.18
116	³⁄₃₂" x ¾" x ¹⁵⁄₁₆"	EA	498-1116	$0.18
118	³⁄₃₂" x ⅞" x 1¹⁄₁₆"	EA	498-1118	$0.18
121	³⁄₃₂" x 1¹⁄₁₆" x 1¼"	EA	498-7019	$0.61
123	³⁄₃₂" x 1³⁄₁₆" x 1⅜"	EA	498-1123	$0.86
124	³⁄₃₂" x 1¼" x 1⁷⁄₁₆"	EA	498-1124	$0.86
136	³⁄₃₂" x 2" x 2³⁄₁₆"	EA	498-1136	$0.27
146	³⁄₃₂" x 2⅝" x 2¹³⁄₁₆"	EA	498-1146	$0.95
204	⅛" x ⅜" x ⅝"	EA	498-1204	$0.46
206	⅛" x ½" x ¾"	EA	498-1206	$0.49
208	⅛" x ⅝" x ⅞"	EA	498-7020	$0.50
210	⅛" x ¾" x 1"	EA	498-1210	$0.53
211	⅛" x ¹³⁄₁₆" x 1¹⁄₁₆"	EA	498-1211	$0.53
212	⅛" x ⅞" x 1⅛"	EA	498-1212	$0.53
213	⅛" x ¹⁵⁄₁₆" x 1³⁄₁₆"	EA	498-1213	$0.54
214	⅛" x 1" x 1¼"	EA	498-1214	$0.55
215	⅛" x 1¹⁄₁₆" x 1⁵⁄₁₆"	EA	498-1215	$0.57
216	⅛" x 1⅛" x 1⅜"	EA	498-1216	$0.57
217	⅛" x 1³⁄₁₆" x 1⁷⁄₁₆"	EA	498-1217	$1.43
218	⅛" x 1¼" x 1½"	EA	498-1218	$0.61
219	⅛" x 1⁵⁄₁₆" x 1⁹⁄₁₆"	EA	498-1219	$0.64
220	⅛" x 1⅜" x 1⅝"	EA	498-1220	$0.64
221	⅛" x 1⁷⁄₁₆" x 1¹¹⁄₁₆"	EA	498-1221	$0.91
222	⅛" x 1½" x 1¾"	EA	498-1222	$0.67
223	⅛" x 1⅝" x 1⅞"	EA	498-1223	$1.16
224	⅛" x 1¾" x 2"	EA	498-1224	$0.85
228	⅛" x 2¼" x 2½"	EA	498-1228	$0.92
229	⅛" x 2⅜" x 2⅝"	EA	498-1229	$1.55
232	⅛" x 2¾" x 3"	EA	498-7008	$2.31
235	⅛" x 3⅛" x 3⅜"	EA	498-1235	$1.10
236	⅛" x 3¼" x 3½"	EA	498-7009	$1.18
253	⅛" x 5⅜" x 5⅝"	EA	498-1253	$2.77

Universal Number	W x ID x OD	Unit	Stock #	PRICE
259	⅛" x 6¼" x 6½"	EA	498-1259	$4.19
316	³⁄₁₆" x ⅞" x 1¼"	EA	498-1316	$1.07
317	³⁄₁₆" x ¹⁵⁄₁₆" x 1⁵⁄₁₆"	EA	498-1317	$1.09
318	³⁄₁₆" x 1" x 1⅜"	EA	498-1318	$0.81
325	³⁄₁₆" x 1½" x 1⅞"	EA	498-1325	$1.01
326	³⁄₁₆" x 1⅝" x 2"	EA	498-1326	$1.09
327	³⁄₁₆" x 1¾" x 2⅛"	EA	498-1327	$1.09
328	³⁄₁₆" x 1⅞" x 2¼"	EA	498-1328	$1.51
329	³⁄₁₆" x 2" x 2⅜"	EA	498-1329	$1.18
330	³⁄₁₆" x 2⅛" x 2½"	EA	498-1330	$1.18
331	³⁄₁₆" x 2¼" x 2⅝"	EA	498-1331	$1.18
332	³⁄₁₆" x 2⅜" x 2¾"	EA	498-1332	$1.21
334	³⁄₁₆" x 2⅝" x 3"	EA	498-1334	$1.24
337	³⁄₁₆" x 3" x 3⅜"	EA	498-1337	$2.19
338	³⁄₁₆" x 3⅛" x 3½"	EA	498-7013	$1.47
339	³⁄₁₆" x 3¼" x 3⅝"	EA	498-1339	$1.94
340	³⁄₁₆" x 3⅜" x 3¾"	EA	498-7032	$4.90
341	³⁄₁₆" x 3½" x 3⅞"	EA	498-7006	$2.55
344	³⁄₁₆" x 3⅞" x 4¼"	EA	498-7010	$2.39
355	³⁄₁₆" x 5¼" x 5⅝"	EA	498-7002	$10.10
433	¼" x 5½" x 6"	EA	498-7007	$8.30

FDA O-Ring Cord

Buy by the foot and save. For larger O-rings, you can't beat the convenience and economy of this O-ring cord. Made from 70 durometer white FDA accepted Buna rubber. Will cut to length.

Size	Pkg	Unit	Stock #	PRICE
⅛" OD	100′ rl	FT	498-1802	$1.58
¼" OD	100′ rl	FT	498-1804	$1.81
⁵⁄₁₆" OD	100′ rl	FT	498-1807	$3.02
⅜" OD	100′ rl	FT	498-1808	3.28
⁷⁄₁₆" OD	100′ rl	FT	498-1809	$4.62
½" OD	50′ rl	FT	498-1810	$4.03
¾" OD	50′ rl	FT	498-1812	$18.59
1″ OD	25′ rl	FT	498-7029	$37.12

O-Ring Sizing Cone

Ideal tool for quick and easy identification of standard AS568 O-ring. Base of cone has five slots to determine o-ring width. Simply slide the O-ring over the cone to identify the corresponding dash number. Dash numbers are permanently molded into steps around the cone for precise identification.

Color	Unit	Stock #	PRICE
Yellow	EA	291-1000	$45.55

Prices subject to change.

Anderson EL (Extended Life) Pressure Gauges

Designed and built to withstand the severe environmental and process conditions found in food and dairy plants. Glycerine-filled case dampens dial vibration; polysulfone lens able to withstand 325°F. Permanently filled and sealed sensing system resists pulsation. The result? Longer life and better readability. 2″ clamp connection. Other fitting connections available.

Mfg Part #	Range	Mount	Unit	Stock #	PRICE
EL069010051111A000	0 to 60 psi	Bottom	EA	033-7018	$327.36
EL069010054111A000	0 to 60 psi	Back	EA	033-7031	$327.36
EL071010051111A000	0 to 100 psi	Bottom	EA	033-1101	$327.36
EL071010054111A000	0 to 100 psi	Back	EA	033-1102	$327.36

Digital Pressure Gauge & Switch

Designed specifically for applications where pressure is critical, such as Reverse Osmosis (RO) and Ultra-Filtration (UF), the Anderson Digital Pressure Gauge is six times more accurate than it's mechanical counterpart, providing an accurate and reliable battery-powered, local display of pressure. Additionally, this gauge has three times the over-range capacity and better resolution than traditional mechanical indicators. Powered by 2 AAA batteries, the gauge will operate up to a year before the "low battery" indicator appears. The switch version operates continuously on DC loop power with battery back up possible to support off site programming. CIP/SIP and 3A approved. 2″ clamp connection. Other configurations and ranges available.

Mfg Part #	Range	Mount	Unit	Stock #	PRICE
EN071G01100511	0 to 100 psi	Bottom	EA	033-1511	$918.65

MPF Modular Pressure Transmitter

The Anderson MPF fully modular sanitary pressure transmitter offers excellent performance within harsh process environments. Providing accuracy of ±0.10% of calibrated range, handling temperature ranges up to 350° F and offering NEMA 4X & IP66 enclosure protection, gives you confidence when you install this pressure transmitter. A simple user interface makes set up and future configuration changes easy and continuous. Diagnostic self-checks will alert you if there may be a problem.

Mfg Part #	Range	Mount	Unit	Stock #	PRICE
MPFS1981G0051A00AE2AP0710A1A01	0-100 psi	Vertical	EA	033-1115	$1,381.05

Call Customer Service at 800-826-8302

METERING INSTRUMENTAION

ITM-3A Relative Turbidity Sensor

Save money, reduce product loss, and reduce BOD charges by more accurately managing your start-ups and changeovers with Anderson's ITM-3A Relative Turbidity Monitor. Featuring four easily selectable ranges (two of the standard ranges can be remotely selected via a 24 VDC input) allowing a single unit to be programmed for multiple products in the same process line without sacrificing resolution. The unit also features a backlit LCD display of the analog output variable in milliamps as well as percent display.

Applications:

- Transition monitoring for start-up, change-overs, and shut-down recycle.
- CIP return line monitoring: automate to save water.
- Automation of yeast harvesting in breweries: improve live yeast capture and beer quality.
- Integrity monitoring of filters: protect against lost product due to blown filters.

Two common configurations are listed below. Call our instrumentation specialists to discuss options for your application needs.

Mfg Part #	Connection	Cable	Unit	Stock #	PRICE
ITM-3A0050101	2" Tri-clamp	No	EA	033-1400	$3,120.15
ITM-3A0050500	2" Tri-clamp	25'	EA	033-1425	$3,120.15

IZMAG Electromagnetic Flowmeter

Accurately measure flow rates and monitor changeovers of thicker products like milk, cream, tomato paste, beer, molasses and more with the Anderson IZMAG. This flow meter features an unrestricted tube design so neither production rate nor working pressure are impacted. The IZMAG is constructed of all stainless steel, and has a compact size and design that fits challenging, high temperature and aseptic applications without compromising accuracy. Completely redesigned electronics make programming faster and easier. Available for line sizes from 3/4" to 4".

- ±0.20% accuracy of rate over a 100 to 1 turndown.
- 3-A compliant, third party verified in accordance with standard 28-04.
- LCD graphic display.

Two common configurations are listed below. Call our flow product specialists to configure a unit for your process and start saving today!

Mfg Part #	Fitting	Connection	Unit	Stock #	PRICE
1ZMAG050D000S0000	2" Clamp	Cord grips & NPT adapters	EA	033-1820	$4,520.64
1ZMAG080D000S0000	3" Clamp	Cord grips & NPT adapters	EA	033-1830	$5,042.37

Anderson HM Turbine Flowmeter

The Anderson HM Turbine Flowmeter offers an economical and reliable way to accurately measure flowing liquids. The 316SS construction and non-magnetic sensing of the rotor eliminates drag and provides better accuracy and a longer life than the competition. The unique two-piece design allows for a truly cleanable, hygienic instrument that is easily inspected and maintained. Perfect for water, beer, light oils, de-ionized water, juices, brine, and CIP solutions! Probe can be connected to BC104 Batch Controller to accurately measure your ingredients and maintain product consistency. Available without a cable or up to 100' cable (increments of 25') and with NPT threads for explosion proof applications. Two common configurations are listed below. Call our instrumentation specialists to discuss options for your application needs.

Mfg Part #	Fitting	Unit	Stock #	PRICE
316 Stainless Steel Rotor				
HM150SS00	1½" Clamp	EA	033-1215	$2,040.89
HM200SS00	2" Clamp	EA	033-1220	$2,327.33
17-4 PH Rotor				
HM150FF00	1½" Clamp	EA	033-1216	$2,040.89
HM200FF00	2" Clamp	EA	033-1221	$2,327.33

Prices subject to change.

BC104 Batch Controller

Specifically designed for ease of operation and long-term reliability in the harsh environments of dairy and food processing facilities, this controller has a flexible platform with enough expansion capability to handle a wide variety of tasks. The BC104 offers all of the capabilities of any stand-alone batch controller in a single panel-mount device as well as analog input capability and control inputs. It can also integrate additional relay and analog outputs through a built-in logic controller. Features multi-line display with up to 5 lines, full numeric keypad and is easy to wire. Dimensions: 6.18" x 3.42".

Applications:

- Batch processing with empty tank level alarms.
- Additional control capability of pump and process valves.
- Flow monitoring and control.

Also available in wall mount with SS enclosure or wall mount with pneumatic solenoid. Call for details.

Mfg Part #	Unit	Stock #	PRICE
BC104P	EA	033-1104	$1,285.91

SANITARY PRESSURE GAUGES

Nelson-Jameson 5" Homogenizer Pressure Gauge

An easy-to-read 5" gauge for high pressure homogenizer applications. Built to withstand homogenizer vibration, it thrives in even the harshest dairy plant environment. Glycerine fill and a special dampening system insulate the gauge from the punishing pulsation of a homogenizer, which can shorten the life of an ordinary pressure gauge. 304 stainless case and 316L wetted parts provide durability and corrosion resistance. Lexan® lens is virtually impervious to cracks and breakage. Waterproof construction throughout allow the gauge to be submersed for cleaning. CIP capability is built-in. It will withstand working temperatures up to 255°F (124°C). Bottom mount only. Choice of 7/8" flange (to fit Crepaco) or 1-1/8" flange (to fit Gaulin). Use same HOW TO ORDER CHART as the 3-1/2" and 5" pressure gauges.

Nelson-Jameson 3-1/2" and 5" Sanitary Pressure Gauges

With an incredibly wide selection and quick deliver times, Nelson-Jameson's sanitary gauges are sure to meet your needs. Specifically designed for food processing applications, our gauges are the best quality we've seen in a long time. Not content to simply specify a sturdy case made of 304 stainless steel, we use sanitary fittings and diaphragm of corrosion-resistant 316L stainless. The result is exceptional durability, cleanability and chemical resistance.

Genuine Lexan® poly carbonate lenses that will not crack or break. Fully CIP and waterproof for COP cleaning. Accuracy of ±1.5% of the full scale is guaranteed. Recalibration is easy: to "rezero" the pointer, simply adjust the screw on the front of the gauge.

Because we know the food processing environment, we've designed our gauges to work in temperatures from -40° to 250°F. (Call if you need a higher range - we can probably accommodate that too.) Our unique pulsation dampening system insulates the gauge movement from life-shortening pulsation damage. We also recommend the glycerine fill option to protect the gear mechanism against vibration. Choose from the widest variety of ranges, connections, case sizes and mounting sizes.

We can generally ship your made-to-order gauge within 24 to 48 hours. If you need help with your application, call us for assistance.

HOW TO ORDER Nelson-Jameson 3-1/2" and 5" Sanitary Pressure Gauges

1 Choose CASE SIZE:

3S - 3-1/2" Sanitary Gauge
5S - 5" Sanitary Gauge
5H - 5" Homogenizer Gauge

2 Specify PSI RANGE:

(B) 0 to 30	**(U*)** 0 to 3,000
(C) 0 to 60	**(V*)** 0 to 5,000
(D) 0 to 100	**(Y*)** 0 to 7,500
(E) 0 to 160	**(W*)** 0 to 10,000
(F) 0 to 200	**(X*)** 0 to 15,000
(G) 0 to 300	**(M)** 30" Hg to 30
(H) 0 to 400	**(N)** 30" Hg to 60
(I) 0 to 600,	**(P)** 30 Hg to 150
(K) 0 to 1,000	**(Q)** 30" Hg to 200
	(R) 30" Hg to 300

(Note: those with * are for homogenizer gauge only)

3 Select SIZE/CONNECTION:

Size then fitting type. All connection are available in 1-1/2", 2", 2-1/2" and 3".

D: DIN according to DIN 11851
H: G&H "H" line male
I: Cherry-Burrell male I-line
K: APC "K" clamp
Q: Cherry-Burrell "Q" line
S: #15 Bevel seat sanitary male thread
T: #13H Captive nut & #14 bevel seat
U: Tri-Clamp
V: #15 APV Gasket seat sanitary male thread
W: #13H Captive nut & #14 APV gasket seat
*02: 7/8" Flange (Crepaco Homogenizer)

4 Select FILLED CASE:

Choose GF - Glycerine filled case or NF - no fill.

5 Choose MOUNT:

BT - Bottom mount (standard)
RT - Right side mount
LF - Left side mount
BK - Back mount

6 Select DIAPHRAGM MATERIAL:

SS - stainless steel (standard)
T - Teflon® (standard on all 1-1/2" clamp connection gauges).

If you need help with your application, call us for assistance.

SANITARY GAUGES   PRESSURE INSTRUMENTATION

Gauge Isolator Gaskets

Protect expensive diaphragm instruments from damage without affecting instrument performance. By combining a quality tri-clamp sanitary gasket with a membrane, the Gauge Guard Isolator separates hot or caustic saline solution from instrumentation but does not impact the accuracy of your instrument. A cost-effective step in assuring long life from your instruments and gauges. Metal detectable, silicone and larger sizes also available.

Description	Unit	Stock #	PRICE
EPDM			
¾"	EA	016-1207	$30.03
1"	EA	016-1210	$27.19
1½"	EA	016-1215	$25.80
2"	EA	016-1220	$27.19

Gauge Guard Protectors

Gauge Guards protect expensive, fragile gauge diaphragms and other similar instruments from being dented or punctured during calibration, routine maintenance and autoclave procedures. Manufactured using U.S.P. Class VI Platinum Cured Silicone and 316 stainless steel. A cost-effective step in assuring maximum service life and accurate results from your instruments and gauges. Gauge Guard Protectors are specially designed to snap onto sanitary Tri-Clamp® fittings.

Description	Unit	Stock #	PRICE
¾"	EA	016-1075	$55.96
1 & 1½"	EA	016-1150	$55.37
2"	EA	016-1200	$69.72

RSP Sanitary Electronic Pressure Transmitter

This low profile transmitter incorporates a transducer and electronic circuitry to convert pressure and/or vacuum to a proportional 4-20 mA signal. Tough enough to withstand harsh process and environmental conditions, the RSP meets all current sanitary design standards. Available with or without LCD display to show reading at the transmitter. 2" clamp connection. Range: 0 to 100 psi. Note: Available in a wide variety of process connections and pressure ranges.

Mfg Part #	Description	Unit	Stock #	PRICE
SR070G00501100	w/o LCD display	EA	033-7040	$1,483.35
SR071G005G1100	w/ LCD display	EA	033-1121	$1,667.49

JD-Sanitary Differential Pressure Switch & Transducer

Satisfies all legal requirements for differential control of HTST regenerator pressures. The JD shuts down the raw milk booster pump or diverts flow if pasteurized milk pressure in the regenerator section does not exceed raw milk pressure by a pre-set differential. LED displays provide a bar graph of differential pressure, as well as raw and pasteurized pressure readings. Standard unit listed provides 0 to 99 psi range and 1 to 15 psi differential with two 0-50 mV 2" clamp pressure transducers. 115V. Other fittings and options available. Please give us a call for a custom configured system today!

Mfg Part #	Description	Unit	Stock #	PRICE
GB1070G097111	JD Differential Press Switch	EA	033-1700	$1,984.62
SY070G0051100	Pressure transducer (two required)	EA	033-7012	$1,002.54

Prices subject to change.

Anderson AV-9900 HTST Recorder Controller

The AV-9900 HTST is the recorder controller specifically designed for use in continuous pasteurization, including Ultra High Temperature (UHT) and aseptic ranges. This recorder meets all of the requirements as outlined in the Pasteurized Milk Ordinance (PMO). Multiple inputs allow for recording and control of hot product, cold product, flow, and hot water functions. All critical recording is able to be done with the same instrument, allowing for synchronization of multiple event pens, well as meter based timing functions. Other features include:

- Self printing chart: charts with pre-printed rings only, pens print all scales and data.
- Linear recording: prints all data to chart simultaneously.
- Dual element product probe: hot product sensor contains dual temperature elements.
- Broad fitting selection: probes are available in numerous process connections.

AV-9900 is configured to fit your specific needs and application. Call our Process Systems Specialists for help with customizing your chart recorder. Charts sold separately.

Mfg Part #	Description	Unit	Stock #	PRICE
AV9901220200133AH	Chart recorder	EA	033-1004	$5,401.44
002-154-01	AV9900 Charts, 100/bx	BX	033-7112	$24.70

HOW TO ORDER Anderson AV-9000 Recorder

1 **Specify TYPE:**
Recorder/Controller
Recorder only

2 **Choose PENS & COLORS :**
1 = one trend pen, one color*
2 = two trend pens, two colors*
3 = three trend pens, three colors*
4 = four trend pens, four colors
5 = one trend pen, four colors
6 = two trend pens, four colors
7 = three trend pens, four colors

(*Note: Pens/colors are added to the instrument in the following order: Red, then green, then blue, and then black)

3 **Specify UNIVERSAL INPUTS:**
Tell us how many inputs you'd like (1 to 8 inputs available).

4 **Choose RELAY OUTPUTS:**
Two, four, six, eight relay outputs available. Or specify none.

5 **Select 4-20 MA OUTPUTS:**
0 = none
3 = one 4-20 mA output (isolated)
4 = two 4-20 mA outputs (isolated)
5 = three 4-20 mA outputs (isolated)
6 = four 4-20 mA outputs (isolated)

6 **Specify 24V TRANSMITTER POWER SUPPLY:**
One to four supplies available.
Or specify none.

7 **Choose MATH/TOTALIZER:**
Math,
Totalizer
Math & Totalizer
None

QUESTIONS???
Contact our processing & flow specialists for assistance.

Call Customer Service at 800-826-8302

CHART RECORDERS

Anderson AJ-300 Recording Controllers

Designed specifically for sanitary fluid processing operations, the AJ-300 is available as a basic recorder or as a recording controller. Its large, easy-to-read 12″ chart, provides maximum resolution and readability. Housed in a NEMA 4X enclosure, the unit withstands the high humidity and frequent wash downs found in food plants. Case is designed for surface or panel mounting. Simple field or factory programming via the front keypad and user-friendly menu. 3-year warranty.

Note: while recorder range and rotation is field programmable, please specify when ordering or 0° to 100°, 24-hour will be shipped. Order RTD's separately. Options: Recording controller with outputs, auxillary inputs, event pen, sealable chart plate 115/230V AC. Popular models shown below.

Mfg Part #	Description	Unit	Stock #	PRICE
Recorders				
AJ31000010002100	Single pen recorder, 115V AC	EA	033-7066	$1,442.43
AJ31100010002100	Two pen recorder, 115V AC	EA	033-7065	$1,764.68
Recording Controllers				
AJ32100110002100	Two pen recorder, 115V AC	EA	033-1706	$2,262.88
AJ31140010002100	Two pen recorder, 4 relay	EA	033-1705	$1,889.48

KT8P3 Remote Sensing Temperature Recorder

Packed with features, this easy-to-use portable features large 8″ chart, digital display, and for more flexibility there is a K-Thermocouple probe. User-selectable temperature ranges and recording times make this unit user-friendly.

- Features audio/visual alarms, compact rugged enclosure and 9V battery backup.
- Temperature accuracy (recorder only): +/- 1.8°F(+/-1°C).
- Power: 120V AC adapter with 4 AA batteries for back-up power.

Charts sold separately.

Model	Description	Unit	Stock #	PRICE
KT8P3	Recorder	EA	237-1070	$513.81

KT6P Remote Sensing Temperature Recorders

Flexible and affordable, the KT6P series recorders provide user selectable recording times, 8 temperature ranges, replacement sensors, and AC power with 9V batter back-up. The free standing or wall mounted instrument is accurate to +/-1.8°F from -22 to 122°F, 3.8°F remaining (+/-1°C from -30 to 50°C, 2.1°C remaining). Standard accessories include AC adapter, red pen, 9V battery, K-Thermocouple Probe, and 4′ bead-wire probe. 6″ charts sold separately.

Model	Description	Unit	Stock #	PRICE
KT6P1	Recorder	EA	237-1075	$333.21
KT6P2	Recorder w/ digital display	EA	237-1076	$423.51
KT6P5	Recorder w/ digital display, alarm, & relay contact	EA	237-1077	$540.90

SL4 TempTrace Temperature Recorders

Now °F/°C and 24 hour/7 day are switchable! Use these low cost recorders to monitor temperature in walk-in coolers or in freezers. No special sensing element is needed. Includes LED digital display. Recorder includes pen and AA alkaline battery. ±2% accuracy. Chart size: 4″ diameter (not included). The chart chosen will determine the temperature scale readings. Model SK4 without digital display also available. 60/bx.

Model	Temp. Range	Time	Unit	Stock #	PRICE
SL4350 Recorder					
SL4350	-22° to 122°F, -30° to 50°C	7 day or 24 hour	EA	237-1026	$215.82
SL4350 Charts - 60 charts/box					
C205	-22° to 122°F	24 hour	BX	237-7049	$41.11
C206	-22° to 120°F	7 day	BX	237-7046	$41.11
C180	-30° to 50°C	24 hour	BX	237-7052	$41.11
C181	-30° to 50°C	7 day	BX	237-7032	$41.11
SL4100 Recorder					
SL4100	0° to 100°F, -18° to 32°C	7 day or 24 hour	EA	237-1024	$215.82
SL4100 Charts - 60 charts/box					
C010	0° to 100°F	24 hour	BX	237-1080	$23.49
C012	0° to 100°F	7 day	BX	237-7044	$41.11
C209	-18° to 32°C	24 hour	BX	237-7053	$41.11
C210	-18° to 32°C	7 day	BX	237-7047	$41.11

Don't forget to order your charts!

Prices subject to change.

CHART RECORDERS

Ryan® EZT Disposable Recorders

Assure customers of your quality control. Place this recorder on outgoing shipments to prove proper temperature is sustained. The Ryan EZT is a self-contained, battery-powered, tamper-proof instrument which tracks temperature versus time and plots the data on a strip chart. The wide and easy-to-read chart has a thick, bold trace which will photocopy and fax easily. Temperature range: -20° to 100°F. Accuracy of 2.0°F or 1.1°C within the temperature range of 10° to 70°F. Calibration is NIST-traceable. 20 each/case.

Period	Unit	Stock #	PRICE
5-day	EA	149-1305	$20.65
10-day	EA	149-1310	$20.65
20-day	EA	149-1320	$20.65
40-day	EA	149-1340	$20.65
75-day	EA	149-1375	$20.65

USB Temperature Data Logger

The SP125 features high speed USB connectivity, high/low LED alarm and replaceable battery. Self-contained and compact logger with internal sensor for recording air temperature. User-friendly, Windows®-based A016 software makes it simple to integrate recorded temperature and humidity data into documents and spreadsheets. Software and interface cable (A016) is needed to communicate with this product and is sold separately.

- Temperature range: -10° to 176°F.
- Accuracy: ±1.2°F (± 0.7°C).

Mfg Part #	Description	Unit	Stock #	PRICE
SP125	Pro Series logger	EA	237-2011	$107.46
A016	Software and interface cable	EA	237-2013	$83.17

RECORDER CHARTS

Recorder Charts

Nelson-Jameson stocks a tremendous variety of recorder charts—so you don't have to. Place a blanket order for charts you use, and we'll keep them in stock for you. Charts below are listed by the recorder manufacturer. All charts are original manufacturer brand or an equivalent that meets or exceeds original specifications. Please call if you don't see what you need.

Partlow 10" Charts

100/box. Chart diameter is approximately 10". Sold by the box.

Chart No.	Chart	Range	Time	Stock #	PRICE
002-006-01	A3F	100 to 350	24 hr	518-7000	$26.80
002-025-02	A112F	20 to 120	24 hr	518-1000	$29.69
002-025-04	A112F	20 to 120	7 day	518-1002	$22.88
002-034-01	A122F	120 to 220	12 hr	518-1010	$22.68
002-034-02	A122F	120 to 220	24 hr	518-1011	$22.68
002-036-02	A217F	-30 to 170	24 hr	518-1012	$22.68
002-036-04	A217F	-30 to 170	7 day	518-1013	$22.68
002-045-01	A1:218F	60 to 180/0 to 120 psi	12 hr	518-1015	$22.68
002-045-02	A1:218F	60 to 180/0 to 120 psi	24 hr	518-1016	$22.68
002-050-01	A223F	30 to 230	12 hr	518-1024	$22.68

Chart No.	Chart	Range	Time	Stock #	PRICE
002-050-02	A223F	30 to 230	24 hr	518-1025	$22.68
002-050-04	A223F	30 to 230	7 day	518-1026	$22.68
002-051-01	R22F	230 to 30	12 hr	518-1027	$22.68
002-051-02	R223F	230 to 30	24 hr	518-1028	$22.68
002-051-04	R223F	230 to 30	7 day	518-1029	$22.68
002-053-02	A225F	50 to 250	12 hr	518-1035	$22.68
002-053-03	A225F	50 to 250	24 hr	518-1036	$22.68
002-063-01	A35F	0 to 350	24 hr	518-1050	$22.68
002-065-03	A445F	100 to 450	24 hr	518-1052	$22.68
002-069-01	A1:218F	30 to 180	24 hr	518-1060	$22.68
002-070-01	R1:518F	180 to 30	12 hr	518-1066	$22.68
002-070-04	R1:518F	180 to 30	7 day	518-1065	$22.68
002-072-02	A1:527F	120 to 270	24 hr	518-1067	$22.68
002-093-01	RA1956F	180 to 30	12 hr	518-1089	$22.68
002-093-02	RA1956F	180 to 30	24 hr	518-1090	$22.68
002-093-03	RA1956F	180 to 30	48 hr	518-1092	$22.68
002-093-05	RA1956F	180 to 30	7 day	518-1091	$22.68
002-101-02	ER	120 to 220	12 hr	518-1095	$22.68
002-102-02	ER	0 to 200	24 hr	518-1096	$22.68
002-102-03	ER	0 to 200	7 day	518-7004	$22.27
002-110-02	ET	0 to 400	24 hr	518-7003	$24.74

More charts on the following pages...

Call Customer Service at 800-826-8302

RECORDER CHARTS

Partlow Series 4000 Charts

100/box. Chart diameter is 10″. Sold by the box.

Chart No.	Range	Time	Stock #	PRICE
002-138-01	0 to 200	24 hr	518-1101	$22.68
002-138-02	0 to 400	24 hr	518-1102	$22.68
002-138-03	0 to 800	24 hr	518-1103	$22.68
002-138-06	0 to 200	7 day	518-1106	$22.68
002-138-19	0 to 200	12 hr	518-1119	$22.68
002-138-24	0 to 100	12 hr	518-1124	$22.68
002-138-25	0 to 100	24 hr	518-1125	$22.68
002-138-26	0 to 100	7 day	518-1126	$22.68
002-138-28	80 to 180	12 hr	518-1128	$22.68
002-138-29	60 to 180	12 hr	518-1129	$22.68
002-138-30	60 to 180	24 hr	518-1130	$22.68
002-138-31	30 to 230	12 hr	518-1131	$22.68
002-138-32	30 to 230	24 hr	518-1132	$20.62
002-138-34	30 to 230	7 day	518-1134	$22.68
002-138-36	230 to 30	24 hr	518-1136	$22.68
002-138-38	230 to 30	7 day	518-7001	$22.27
002-138-49	30 to 180	24 hr	518-1149	$22.68
002-138-52	30 to 180	7 day	518-1152	$22.68
002-138-55	180 to 30	24 hr	518-1155	$22.68
002-138-58	180 to 30	7 day	518-1158	$22.68
002-138-72	60 to 180/ 0 to 120 psi	24 hr	518-1172	$22.68
002-138-74	120 to 220	12 hr	518-1174	$22.68
002-138-75	180 to 30	12 hr	518-1175	$22.68
002-138-76	50 to 200/ 0 to 150 psi	24 hr	518-1176	$22.68
002-138-77	30 to 180	12 hr	518-1177	$22.68
002-138-78	30 to 180	24 hr	518-1178	$22.68
002-138-80	180 to 30	24 hr	518-1180	$22.68
002-138-83	0 to 300	24 hr	518-1183	$22.68
002-138-85	-50 to 50	24 hr	518-1185	$19.38
002-138-88	30 to 230/ 0 to 100	24 hr	518-1188	$22.68
002-138-93	0 to 200/ 3.0 to 3.8 pH	24 hr	518-1193	$22.68
002-144-05	180 to 30	7 day	518-7007	$22.27
002-144-07	210 to 30/ 8 to 3.5 pH	24 hr	518-1307	$22.68
002-147-04	0 to 100	24 hr	518-7011	$22.68
002-147-22	-30 to 70/ 0 to 100 RH	7 day	518-7006	$22.27
002-153-07	90 to 190	12 hr	033-7107	$24.70

Foxboro Charts

100/box. Sold by the box.

Chart No.	Range	Time	Stock #	PRICE
56501-6TX	0 to 150	-	224-7004	$12.69
858050	0 to 20	24 hr	224-1250	$22.60
898388	0 to 150/0 to 100	24 hr	224-7002	$27.09
898418	0 to 100	24 hr	224-1418	$23.71
898467	0 to 50	24 hr	224-1467	$22.60
898689	0 to 1500	24 hr	224-7000	$22.60
898934	0 to 250	24 hr	224-7003	$22.94
899442	0 to 200	7 day	224-7001	$22.60

Anderson 12″ Charts

100/box. Chart diameter is approximately 11-1/8″. Sold by the box.

Chart No.	Range	Time	Stock #	PRICE
26943-A2	0 to 100	7 day	033-1132	$27.09
26943-A3	0 to 60	24 hr	033-1133	$27.09
26943-A7	0 to 200	24 hr	033-1140	$27.09
26943-A8	0 to 200	7 day	033-1141	$27.09
26943-A79	100 to 300	24 hr	033-1170	$27.09
26943-G6	30 to 0 to 30	24 hr	033-1144	$27.09
26943-G12	30 to 0 to 15	24 hr	033-1146	$27.09
26943-G48	0 to 250	24 hr	033-1149	$27.09
29463-G49	30 to 80	7 day	033-7030	$27.09
32804-A12	220 to 136	12 hr	033-1212	$27.09
41367	30 to 230	24 hr	033-1150	$27.09
41368	30 to 230/0 to 100	24 hr	033-1160	$38.53
41369	120 to 220	12 hr	033-1161	$27.09
41370	30 to 230	7 day	033-7007	$27.09
41371	0 to 5000	24 hr	033-1155	$27.09
41372	90 to 190	12 hr	033-1156	$27.09
41648	70 to -40	7 day	033-1250	$25.35
41651	230 to 30	12 hr	033-1251	$27.09
41800-A5	200 to 0	7 day	033-1164	$27.09
41800-A6	200 to 0	24 hr	033-7002	$27.09
41800-A7	150 to 250	24 hr	033-1167	$27.09
41800-A9	0 to 100	12 hr	033-1169	$27.09
41800-A12	0 to 100/30 to 230	12 hr	33-7043	27.09
41800-A25	0 to 200	12 hr	033-1175	$27.09
41800-A29	-5 to 100/95 to 200	12 hr	033-1179	$27.09
41848	30 to 220	12 hr	033-1180	$27.67

Dickson Recorder Charts

60/box. Sold by the box.

Chart No.	Range	Size	Time	Stock #	PRICE
C009	Event	4″	24 hr	237-7008	$23.49
C010	0 to 100	4″	24 hr	237-1080	$23.49
C015	-20 to 120	4″	24 hr	237-7012	$19.67
C017	-20 to 120	4″	7 day	237-1085	$23.49
C041	0 to 60	4″	7 day	237-1041	$19.67
C410	0 to 100	8″	24 hr	237-1092	$23.49
C411	-50 to 50	8″	24 hr	237-7016	$23.49
C412	0 to 100	8″	7 day	237-1094	$23.49
C414	-50 to 50	8″	7 day	237-7011	$23.84
C415	-20 to 120/0 to 100	8″	24 hr	237-7007	$23.49
C417	-20 to 120	8″	7 day	237-1097	$23.15
C429	0 to 60	8″	24 hr	237-7006	$23.49

Taylor Roll Charts

5/box. Sold by the box.

Chart No.	Range	Stock #	PRICE
82S400	0 to 100	654-1450	$20.41
82S443	125 to 225	654-1470	$22.45
82S498	0 to 40	654-7013	$25.51
82S508	0 to 150	654-1670	$21.77
82S513	0 to 400	654-1680	$22.45

Prices subject to change.

Honeywell Charts

100/box. Sold by the box.

Chart No.	Range	Time	Stock #	PRICE
12506	0 to 500	24 hr	325-1310	$29.91
12522	0 to 400	24 hr	325-1330	$29.91
12581	0 to 150	7 day	325-1381	$29.91
12618	50 to 250	24 hr	325-7016	$28.65
12626	250 to 450	24 hr	325-1550	$29.91
12689	-100 to 100	24 hr	325-1575	$29.91
12768	0 to 100/50 to 250	24 hr	325-7010	$29.52
12871	-4 to 1	24 hr	325-7005	$29.91
13077	0 to 300	8 hr	325-1000	$29.91
14044	100 to 250	24 hr	325-1610	$29.91
14255	50 to 250	24 hr	325-1625	$29.91
14287	0 to 250	24 hr	325-7006	$27.92
14513	0 to 250	24 hr	325-1715	$29.91
14612	0 to 220	24 hr	325-7004	$29.91
14645	0 to 30	24 hr	325-7001	$29.91
15097	0 to 70	24 hr	325-7008	$29.91
15949	0 to 150	7 day	325-1840	$29.91
16376	0 to 200	24 hr	325-1745	$29.91
16380	0 to 300	24 hr	325-1750	$29.91
16382	0 to 400	24 hr	325-7003	$29.91
24001650-050	0 to 300	24 hr	325-1450	$29.92
24001660-001	0 to 100	24 hr	325-1011	$29.17
24001660-002	0 to 300	24 hr	325-7015	$29.17
24001660-008	50 to 250	24 hr	325-1010	$29.17
24001660-010	0 to 200	24 hr	325-1012	$29.17
24001600-011	0 to 400	24 hr	325-1013	$29.17
24001660-038	70 to 140	24 hr	325-1014	$29.17
24001660-096	50 to 250	24 hr	325-1482	$29.92
24001660-40	0 to 300	24 hr	325-1440	$31.70
24001660-104	0 to 50	24 hr	325-1490	$29.92
24001660-114	0 to 200	24 hr	325-1015	$29.17
24001660-116	50 to 150	24 hr	325-1016	$29.92
24001660-132	100 to 200	24 hr	325-7002	$29.92
24001660-625	54 to 200/0 to 146	24 hr	325-1025	$29.92
24001660-632	0 to 300/0 to 100	24 hr	325-7000	$29.92
24001661-001	0 to 100	7 day	325-1901	$29.17
24001661-074	0 to 5	7 day	325-7012	$29.17
30755311	0 to 100 two-sided	24 hr/7 day	325-7009	$29.63
30755317	Blank thermal paper	-	325-1250	$32.61
30755820	0 to 100	24 hr/7 day	325-1270	$19.86
680015-264	50 to 150	24 hr	325-7011	$29.91

Taylor 10" Charts

100/box. Chart diameter is approximately 10-1/2″. Sold by the box.

Chart No.	Range	Time	Stock #	PRICE
500P1225-1	0 to 100	24 hr	654-1901	$21.38
500P1225-2	0 to 100	7 day	654-7024	$20.93
500P1225-3	0 to 100	12 hr	654-1903	$21.38
500P1225-4	0 to 80	24 hr	654-1904	$21.38
500P1225-5	0 to 80	7 day	654-1905	$21.38
500P1225-7	0 to 200	24 hr	654-1907	$21.38
500P1225-11	0 to 600	24 hr	654-1911	$21.38
500P1225-12	0 to 600	7 day	654-1912	$21.38
500P1225-13	0 to 800	24 hr	654-7027	$20.47
500P1225-19	0 to 1500	24 hr	654-7023	$21.38
500P1225-25	30 to 80	12 hr	654-1925	$21.38
500P1225-26	30 to 180	24 hr	654-1926	$21.38
500P1225-27	30 to 180	12 hr	654-1927	$21.38
500P1225-28	30 to 230	24 hr	654-1928	$21.38
500P1225-29	30 to 230	7 day	654-1929	$21.38
500P1225-30	30 to 230	12 hr	654-1930	$21.38
500P1225-31	60 to 180	24 hr	654-1931	$21.38
500P1225-34	80 to 180	12 hr	654-1934	$21.38
500P1225-35	120 to 220	12 hr	654-1935	$21.38
500P1225-41	230 to 30	24 hr	654-1941	$21.38
500P1225-42	230 to 30	7 day	654-1942	$21.38
500P1225-61	0 to 14	24 hr	654-1961	$21.38
500P1225-64	180 to 30	7 day	654-1964	$21.38
500P1225-66	70 to 270	24 hr	654-7014	$22.75
500P1225-71	60 to 110	12 hr	654-1971	$21.38
500P1225-73	0 to 300	24 hr	654-1973	$21.38
500P1225-81	0 to 130	24 hr	654-1981	$21.38
500P1225-82	0 to 50	24 hr	654-1982	$21.38
500P1225-85	0 to 200	12 hr	654-1985	$21.38
500P1225-88	190 to 290	12 hr	654-1988	$21.38
500P1225-91	200 to 0	24 hr	654-7028	$20.93
500P1225-93	100 to 300	24 hr	654-7026	$35.03
500P1225-103	0 to 30	24 hr	654-1991	$20.47
500P1225-104	0 to 250	24 hr	654-7000	$21.84
500P1225-106	0 to 500	24 hr	654-7020	$20.47
500P1225-107	0 to 150	24 hr	654-1990	$21.38
500P1225-116	0 to 150	12 hr	654-1992	$20.93
500P1225-118	50 to 150	12 hr	654-1993	$20.93
500P1225-120	0 to 60	24 hr	654-7002	$20.02
500P1225-124	0 to 250	24 hr	654-1996	$21.38
500P1225-126	30 to 180	8 hr	654-1997	$21.38
500P1225-130	0 to 75	24 hr	654-7022	$22.75
500P1267-2	0 to 100/100 to 200	12 hr	654-1881	$21.38
500P1267-6	0 to 300/0 to 600	24 hr	654-1884	$21.38
500P1267-9	0 to 300/0 to 500	24 hr	654-1887	$21.38
500P1267-10	0 to 300/0 to 230	24 hr	654-1888	$21.38
500P1267-11	4 to 8/30 to 230	12 hr	654-1889	$21.38
500P1267-29	30 to 230/0 to 100	24 hr	654-1895	$21.38
500P1267-34	0 to 50/150 to 250	12 hr	654-1898	$21.45
500P1267-115	0 to 100/30 to 230	12 hr	654-1842	$25.02
500P1267-142	120 to 220/0 to 200	12 hr	654-1870	$21.38

Quality Droducts.
Outstanding Service.
Industry Expertise.

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Call Customer Service at 800-826-8302

RECORDER CHARTS

Taylor 12" Charts

100/box. Chart diameter is approximately 11-1/8".
Note: * in temperature range indicates Retarded Chart.
Sold by the box.

Chart No.	Range	Time	Stock #	PRICE
OP102	0 to 30	24 hr	654-1009	$20.76
OP105	50 to 150	24 hr	654-1011	$20.17
OP118	70 to 200	24 hr	654-1018	$20.17
OP123	0 to 5000 (50 div.)	24 hr	654-1023	$20.17
OP127	100 to 350	24 hr	654-7019	$19.87
OP129	0 to 150	24 hr	654-1026	$20.17
OP136	0 to 225	24 hr	654-1034	$20.17
OP142	60 to 160	24 hr	654-1039	$20.21
OP153	30 to 230	24 hr	654-1044	$19.87
OP181	100 to 200	24 hr	654-1057	$20.17
OP189	60 to 180	24 hr	654-1065	$20.17
OP260	70 to 210	24 hr	654-1085	$20.17
OP278	100 to 220	24 hr	654-1095	$20.17
OP322	40 to 240	24 hr	654-1112	$20.17
OP327	0 to 150/0 to 200	24 hr	654-1116	$20.17
OP403	40 to 0 to 60	24 hr	654-1122	$20.17
OP407	220 to 25*	24 hr	654-1126	$20.17
OP410	230 to 30	24 hr	654-1129	$20.17
OP501	0 to 100	24 hr	654-1136	$19.87
OP503	20 to 220	24 hr	654-1138	$20.17
OP503A	20 to 220/0 to 100 psi	24 hr	654-1139	$20.17
OP504	100 to 270	24 hr	654-1140	$20.17
OP520	50 to 180	24 hr	654-1147	$20.17
OP520A	50 to 180/0 to 100 psi	24 hr	654-1148	$20.17
OP527	50 to 200	24 hr	654-1155	$20.17
OP528	20 to 120	24 hr	654-7003	$20.17
OP534	120 to 230	24 hr	654-1160	$20.17
OP588	30 to 220*	24 hr	654-7005	$20.17
OP600	100 to 270/0 to 40 psi	24 hr	654-1170	$20.17
OP761	0 to 75	24 hr	654-1190	$20.17
OP808	100 to 250	24 hr	654-7004	$20.76
OP842	0 to 70	24 hr	654-1204	$20.17
OP914	50 to 200	24 hr	654-1209	$20.17
OP1069	0 to 100/60 to 180	24 hr	654-1216	$20.17
OP1100	40 to 0 to 120	7 day	654-1210	$20.17
OP1111	70 to 0 to 40	7 day	654-7001	$20.17
OP1119	0 to 25	7 day	654-7017	$23.73
OP1200	150 to 0	7 day	654-7018	$20.17
OP1204	220 to 25*	7 day	654-1233	$20.17
OP1254	20 to 220	7 day	654-1235	$20.17
OP1500	50 to 150	12 hr	654-7032	$25.21
OP1501	0 to 30	12 hr	654-1242	$20.17
OP1506	30 to 230	12 hr	654-1243	$20.17
OP1508	0 to 100	12 hr	654-1245	$20.17
OP1511	120 to 220	12 hr	654-1246	$20.17
OP1515	0 to 150	12 hr	654-1247	$20.17
OP1519	80 to 280	12 hr	654-1249	$20.17
OP1600	220 to 25*	12 hr	654-1250	$20.17
OP1603	30 Hg to 10 psi	12 hr	654-1251	$20.17
OP1651	100 to 210*	12 hr	654-1253	$20.17
OP1657	30 to 220*	12 hr	654-1257	$20.17
OP1660	125 to 230	12 hr	654-1260	$20.17
OP1664	100 to 270	12 hr	654-1264	$20.17

Chart No.	Range	Time	Stock #	PRICE
OP1668	127 to 220*	12 hr	654-1268	$20.17
OP1669	80 to 220	12 hr	654-1269	$20.17
OP1672	20 to 220	12 hr	654-1272	$20.17
OP1672A	20 to 220/0 to 100psi	12 hr	654-1273	$20.17
OP1674	120 to 215*	12 hr	654-1274	$20.17
OP1676	160 to 250*	12 hr	654-1276	$20.17
OP1680A	50 to 180/0 to 100 psi	12 hr	654-1280	$20.17
OP1749	30 to 220	12 hr	654-7015	$21.06
OP3222	0 to 500	24 hr	654-1300	$20.17
OP3320	0 to 250	24 hr	654-1337	$20.17
OP3402	0 to 100/0 to 200	24 hr	654-1339	$20.17
OP3418	0 to 200	24 hr	654-1344	$20.17
OP3502	0 to 100	24 hr	654-1352	$20.17
OP3517	0 to 100/0 to 200	24 hr	654-1358	$20.17
OP3604	0 to 50	24 hr	654-1367	$20.17
OP4838	0 to 120	24 hr	654-1375	$20.21
OP5042	0 to 400	24 hr	654-1386	$20.17
OP5784	0 to 600	24 hr	654-1390	$20.17
OP6054	100 to 300	24 hr	654-1410	$20.17
OP6260	50 to 250	24 hr	654-1415	$20.17
OP7020	0 to 250	7 day	654-1421	$20.17
OP8418	0 to 200	7 day	654-1426	$20.17
OP8502	0 to 100	7 day	654-1430	$19.87
OP21175	0 to 225/4 to 8	24 hr	654-1441	$19.87
OP68100	0 to 60	24 hr	654-1490	$22.24
OP69102	0 to 80	24 hr	654-1495	$19.87

Don't see the chart you need?

Call our Process Specialists for custom printed charts.

800-826-8302

Prices subject to change.

CHART RECORDER PENS

Universal Felt-Tip Disposable Chart Recorder Pens

Easy to use…they don't clog, skip or blot, and write equally well at temperatures from -20° to 140°F. Almost 2000 feet of recording from one pen. Eliminate the chore - and the mess - of inking. The line quality is excellent. Use disposable cartridges to fit your circular chart recorder pens. Measure the length from bottom of arm to chart. Nib lengths are .14″, .37″, .60″ or .83″. Fits a wide variety of flat pen arms. Ask about retrofitting your original pen arm to accept felt-tips. 6/pack.
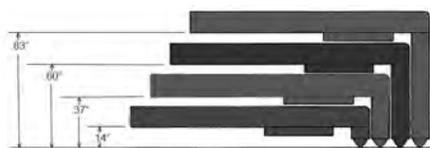
Ink Color	Unit	Stock #	PRICE
0.14 Nib Length			
Black	PK	237-1140	$22.76
Red	PK	237-1112	$22.76
Blue	PK	237-1102	$22.76
Green	PK	237-1120	$22.76
Purple	PK	237-1130	$22.76
0.37 Nib Length			
Black	PK	237-1141	$22.76
Red	PK	237-1113	$22.76
Blue	PK	237-1103	$22.76
Green	PK	237-1121	$22.76
Purple	PK	237-1131	$22.76
0.60 Nib Length			
Black	PK	237-1142	$22.00
Red	PK	237-1116	$22.76
Blue	PK	237-1104	$22.76
Green	PK	237-1122	$22.76
Purple	PK	237-1132	$22.76
0.83 Nib Length			
Black	PK	237-1143	$22.76
Red	PK	237-1117	$22.76
Blue	PK	237-1105	$22.76
Green	PK	237-1123	$22.76
Purple	PK	237-1133	$22.76

Recorder Pens for Dickson Recorders

Use these chart recorder replacement pens for temperature, pressure, universal input or event chart recorders. Red. 6/pack.

Mfg Part #	Unit	Stock #	PRICE
P222	PK	237-7010	$45.79

Disposable Pens for Taylor Recorders

Replaces Taylor No.	Color	Unit	Stock #	PRICE
500S-1664	Blue	EA	654-1760	$22.90
500S-1665	Red	EA	654-1761	$25.45

Partlow Chart Recorder Parts

Mfg Part #	Description	Unit	Stock #	PRICE
50007702	Pen blade	EA	518-7021	$13.93
64430501	Pen blade kit w/screws	KT	518-7023	$11.25

Partlow Pen Kits and Disposable Cartridges
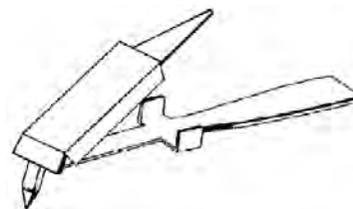
Fit the Partlow line of recorders. Kit includes arm and pen quantities shown. Disposable pens can be purchased separately as replacements. Disposable pens are packaged 5/pack.

Mfg Part#	Description	Unit	Stock #	PRICE
Partlow Replacement Kits				
404	Pens and arms kit replaces: Acc. 376- RF, RDW, RDWET, TRDW, TRLW, RFT recorders	PK	518-1406	$64.45
Partlow Disposable Pens				
60500401	Green, nib length 0.14″	PK	518-1431	$31.22
60500402	Red, nib length 0.37″	PK	518-1432	$26.42
60500403	Red, nib length 0.14″	PK	518-1433	$26.42
60500404	Red, nib length 0.60″	PK	518-1434	$26.42
60500405	Green, nib length 0.65″	PK	518-1435	$26.42
60500501	Red event pen	PK	518-1402	$32.87
60500802	Green and red cartridge	EA	033-7113	$61.38
60500803	3-color pen cartridge	EA	237-1040	$69.53
60500804	4-color pen cartridge	EA	237-1039	$65.02

Recorder Ink

Color	Unit	Stock #	PRICE
1-oz Bottle			
Blue	BO	237-1205	$12.63
Green	BO	237-1210	$12.63
Red	BO	237-1215	$12.63
16-oz Bottle			
Blue	BO	237-1206	$42.51
Green	BO	237-1211	$42.51
Red	BO	237-1216	$42.51

Call Customer Service at 800-826-8302

TEMPERATURE INSTRUMENTATION

DART Digital Reference Thermometer

The only digital thermometer available today that complies with the applicable provisions of the Pasteurized Milk Ordinance.

- Precise and accurate temperature indication, digital display reads to 0.1°F.
- Display blanks, providing failsafe performance if the differential between RTD elements exceeds 0.5°F, sensor fails, lead broken, or electrial short.
- Sensors can be easily replaced without the need to recalibrate the instrument or effect on accuracy.
- Degree F/C is user selectable enabling global performance.

Sensor, sold separately, has 2″ clamp, 5-1/2″ insertion, and 25 feet of cable. Other specifications available.

Mfg Part #	Description	Fitting Size	Insertion length	Unit	Stock #	PRICE
FD110	Thermometer			EA	033-7089	$1,907.90
SK00510801	Sensor			EA	033-7071	$516.62
Accessories						
SA110040370105		1½" Clamp	2¾"	EA	033-1580	$215.85
SA110050490105		2" Clamp	3½"	EA	033-1581	$215.85
SA110060490105		2½" Clamp	3½"	EA	033-1582	$241.43
SA110070530105		3" Clamp	3¾"	EA	033-1583	$256.77
SA110621390105		Projectile well	9⅛"	EA	033-7003	$256.77

Anderson "DTG" Digital Temperature Gauge

Eliminate the potentially hazardous and difficult to read mercury in glass thermometers by replacing them with the 3A approved "DTG" Digital Temperature Gauge from Anderson. The DTG complies with the Code of Federal Regulations governing the food industry. Specifically designed for retort applications, each DTG is supplied from the factory pre-calibrated to an NIST traceable temperature standard and is ready to put into service upon receipt. The all electronic battery operated design ensures the DTG meets regulatory requirements by acting as a stand-alone device. For difficult to read areas of the process, a remote mount display is also available. The remote display option allows for placement of the display in a more convenient location.

Mfg Part #	Process Connection	Mount	Unit	Stock #	PRICE
FH0010040370000	1½" Sanitary clamp	Bottom	EA	033-1915	$455.24
FH0010050490000	2" Sanitary clamp	Bottom	EA	033-1920	$455.24
FH0010060490000	2½" Sanitary clamp	Bottom	EA	033-1925	$480.81
FH0010070530000	3" Sanitary clamp	Bottom	EA	033-1930	$496.16
FH0040621390000	9⅛" Projectile well	Back	EA	033-1950	$531.96

Prices subject to change.

Nelson-Jameson Sanitary Digital Thermometer

Monitor temperatures of process lines, tanks and vats safely and easily with the Nelson-Jameson Sanitary Digital Thermometer. It's accurate, reliable, and economical. This rugged workhorse is designed to keep functioning for many years…even in the harshest food plant environments.

Our thermometer eliminates the growing concern over the mercury or glass breaking on or near a processing line, risking contamination of the product or environment. Available with our choice of adapter, mount and display in °F or °C. Use the HOW TO ORDER chart to specify the model that's right for your process application.

SPECIFICATIONS:
Accuracy ±1°F
Resolution 0.1°F
Wetted Surfaces 316L Stainless Steel
Case Material 304 Stainless Steel
LCD Display Size 1″
Temperature Range -58° to 302°F
Ambient Operating Limits -40° to 176°F
Lens Material 1/4″ Lexan® (poly carbonate)
Dial Size 3-1/2″ Diameter
Shipping Weight Approximately 2#

FEATURES:
- Sanitary design meets 3A Standard #74-05.
- CIP suitable…clean-in-place design eliminates damage from mishandling.
- Durable 316L adapter and probe assures maximum corrosion resistance while the 304 case with Lexan lens is virtually impervious to cracks and breakage.
- High visibility with large easy-to-read 3-1/2″ dial and high-contrast display.
- Waterproof construction is unaffected by wash down over spray…you can actually submerge without damage.
- Totally electronic…self-contained electronic components are powered by one field replaceable AAA battery with 3-year average life.
- Accurate, reading ± -5°F with one-tenth degree resolution.

HOW TO ORDER Nelson-Jameson Sanitary Digital Thermometer

Select SERIES:
DT - 3-1/2″ Sanitary Digital Thermometer

Specify SIZE:
Available in 1/2″, 3/4″, 1-1/2″, 2″, 2-1/2″ or 3″

Choose CONNECTION:
U - Tri-Clamp
I - Cherry-Burrell male I-line
H - G&H male H-line
Q - Cherry-Burrel Q-line
K - APC "K" clamp
PW - Projectile well with 1/4″ x 18 UNEF captive nut - specify stem length
N - NPT (specify stem length)
OF - No fitting

Select MOUNT:
BT (bottom mount)
RT (right mount)
LF (left side mount)
TP (top mount)
BK (back mount).

Choose DISPLAY:
DF (°F)
DC (°C)

Choose INTERVAL:
1- 1 second battery (1 year life)
2- 10 second battery (3 year life)

Call Customer Service at 800-826-8302

BI-METAL THERMOMETERS

Nelson-Jameson Bi-Metal Thermometers

Rugged, workhorse thermometers that are popular throughout the food and dairy industry. They're designed to withstand tough treatment and difficult environments, yet provide superb accuracy and reliability. Standard features include:

- Sanitary type 304 stainless steel construction; designed to meet rigid sanitation standards.
- Plexiglass lens; eliminates danger of broken glass in food processing areas.
- Accurate, bimetal element; removes the hazards associated with mercury filled thermometers.
- Silicone damping; minimizes pointer vibration and improves heat transfer for quick response.
- Hermetically-sealed case; sealed at the factory to prevent rust, leaks and contamination.
- Overrange protection; extends 50% beyond range.
- External recalibration device; makes it easy to maintain accurate readings.

Accurate to ±1% of scale, Nelson-Jameson thermometers provide a cost-effective way to monitor temperature of lines, tanks, vats or equipment. Threaded 1/2" NPT connection with .25" diameter stem to fit standard wells.

Easy-to-read dials are available in three sizes and two ranges. Stem lengths from 2-1/2" up to 24". Graduations are 1° increments on 25° to 125°F dials; 2° increments on 0° to 220°F dials. Plexiglass lens is suitable for room temperature up to 150°F. For greatest accuracy, stem should be inserted at least 2" into liquids. Stem length is measured from tip of stem to top of thread.

Bi-Metal Thermometers - 2" Dial

Stem Length	Unit	Stock #	PRICE
0° to 220°F Range			
4"	EA	563-2124	$55.98
6"	EA	563-2126	$55.98
9"	EA	563-2129	$55.98
12"	EA	563-2132	$62.68
15"	EA	563-2135	$68.51
18"	EA	563-2138	$74.34
24"	EA	563-2144	$86.00
25° to 125°F Range			
9"	EA	563-2130	$55.98
12"	EA	563-2133	$65.08
15"	EA	563-2136	$68.51

Bi-Metal Thermometers - 3" Dial

Stem Length	Unit	Stock #	PRICE
0° to 220°F Range			
2½"	EA	563-2025	$63.03
4"	EA	563-2027	$63.03
6"	EA	563-2030	$63.03
9"	EA	563-2032	$63.03
12"	EA	563-2050	$72.30
15"	EA	563-2035	$80.24
18"	EA	563-2037	$88.20
24"	EA	563-2040	$102.76
36"	EA	563-2043	$131.89
25° to 125°F Range			
2½"	EA	563-7003	$63.03
4"	EA	563-2028	$63.03
6"	EA	563-2031	$63.03
9"	EA	563-2033	$63.03
12"	EA	563-2045	$72.30
15"	EA	563-2034	$80.24
18"	EA	563-2036	$88.20
24"	EA	563-2041	$102.76

Bi-Metal Thermometers - 5" Dial

Stem Length	Unit	Stock #	PRICE
0° to 220°F Range			
4"	EA	563-2225	$94.70
6"	EA	563-2226	$94.74
9"	EA	563-2229	$94.70
12"	EA	563-2232	$104.01
15"	EA	563-2235	$111.78
18"	EA	563-2238	$119.90
24"	EA	563-2244	$134.46
25° to 125°F Range			
6"	EA	563-7001	$94.74
9"	EA	563-2230	$94.74
12"	EA	563-2233	$104.01
15"	EA	563-2236	$111.78
18"	EA	563-7009	$119.90
24"	EA	563-7000	$134.46

Prices subject to change.

Clear-Vue Sanitary Thermometers

Replacement Parts & Accessories

Mfg Part #	Description	Unit	Stock #	PRICE
71038-A1	1½" Split ferrule	EA	033-7015	$128.90
71038-B1	2" Split ferrule	EA	033-1030	$137.08
59500	7" Housing with gaskets	KT	033-1035	$119.15
59501	10" Housing with gaskets	KT	033-1036	$119.15
44409-A1	304SS Adapter, 1¼" UNEF male x ½" female NPT	EA	033-1545	$62.40
41100-A2	316SS ¾" male NPT x 1¼" female UNEF thread adapter	EA	033-1550	$53.20

Liquid Filled Dial Thermometers

Provide fast, accurate readings where glass thermometers cannot be used. Popular for vats, holding tanks and other equipment. Big, 5" dial swivels for easy reading. Wrap-around plexiglass lens lets in more light for improved visibility. Direct drive gives extremely reliable performance. Accuracy within one scale division; calibration traceable to NBS. 9" stainless steel stem has .625" diameter, with tapered bulb chamber. 1-1/4"-18" swivel nut connection. Fits standard wells. External recalibration. Non-mercury fill solution.

Range	Divisions	Unit	Stock #	PRICE
0 to 150°F	1°	EA	510-1200	$366.19
0 to 240°F	2°	EA	510-1205	$406.55
Replacement lens		EA	510-1010	$67.57

Remote-Reading Thermometers

Choose from two models of remote-reading thermometers depending on the environment in which you want to use them.

- 4-1/2" dial with copper capillary for general use. The 5' capillary has a bulb, capillary and braided capillary armor of copper. 1/2" NPT union connection. Flange-mounted, bottom connection, vapor-actuated dial, and dual F°/C° scale. Exterior recalibration. Stainless steel case with Lexan® lens.
- 4-1/2" dial with stainless steel capillary for corrosive environments, or where regulatory agencies require. 316 stainless steel bulb and capillary (not armor covered). All other specifications are identical to model above.

Description	Range	Unit	Stock #	PRICE
Copper capillary	0° to 180°F/ -20° to 80°C	EA	162-1135	$125.28
Stainless steel capillary	0° to 180°F/ -20° to 80°C	EA	162-1140	$249.33

Adjustable Angle Thermometers

Easy viewing at any angle. Head may be turned 360° and tilted over a full 180° arc. Choose 3" or 5" anti-parallax dial. All-welded stainless steel construction. Hermetically sealed case. Range: 0 to 220°F in 2° divisions. Accurate to +1% through entire range. Easy to recalibrate. Polycarbonate lens. 1/2" NPT threaded connection.

Dial	Stem	Range	Unit	Stock #	PRICE
3"	6"	0° to 220°F	EA	657-2110	$115.33
5"	9"	0° to 220°F	EA	657-2215	$141.09

Testing Thermometers

These accurate bimetal thermometers are perfect for general purpose dairy and food plant testing. They come complete with adjustable clamp for tank and tray mounting. Stainless steel stem can be inserted directly into vats, vessels or trays. Ideal in the laboratory. Dial printed with large black numbers for ease of reading from any angle. Polycarbonate lens. External recalibration. Stem diameter 0.15". Available with 2" or 3" dials.

Stem	Range	Divisions	Unit	Stock #	PRICE
2" Dial					
8"	0° to 220°F	2°	EA	657-2220	$39.07
8"	25° to 125°F	1°	EA	657-2225	$39.07
12"	0° to 220°F	2°	EA	657-2240	$43.73
12"	25° to 125°F	1°	EA	657-2245	$43.73
18"	0° to 220°F	2°	EA	657-2260	$57.72
18"	25° to 125°F	1°	EA	657-2265	$57.72
3" Dial - Dual Scale					
8"	0° to 220°F/-10° to 100°C	2°	EA	657-2280	$39.95
8"	25° to 125°F/0° to 50°C	1°	EA	657-2285	$39.95

Pocket Thermometers

Premium quality, American-made pocket thermometer preferred by dairy and food personnel for spot checking. Stainless steel construction. 1" dial printed with large, black numbers—easy-to-read from any angle. Polycarbonate lens. Includes plastic carrying case with pen clip. 5" L x 0.15" diameter spike stem. Accuracy: ±1% of scale. External recalibration.

Range	Divisions	Unit	Stock #	PRICE
0° to 220°F	2°	EA	657-2020	$25.07
25° to 125°F	1°	EA	657-2025	$25.07

Call Customer Service at 800-826-8302

THERMOMETERS & ACCESSORIES

Economy Pocket Thermometers

If your plant goes through a lot of pocket thermometers…this economical alternative may be what you're looking for. Features include plastic 1″ magnifying dial cover for easy reading, stainless steel construction and plastic carrying case. 5″ L x 0.15″ diameter spike stem. External recalibration. NSF approved. 12/box.

Range	Divisions	Unit	Stock #	PRICE
0° to 220°F	2°	EA	706-2320	$4.49
-40° to 160°F	2°	EA	706-2360	$4.49

Digital Pocket Thermometer

Offers the easy-reading convenience of digital display with one-tenth degree resolution. Runs on 1.5V button battery (#AB13), which is included and replaceable. Updates temperature at 10 second intervals so thermometer can be removed from test area and read before ambient temperature affects display. Push "fast update" button to display changes in 1 second intervals for applications requiring continuous observation. ±2° accuracy. Plastic lens. Stainless steel 5″ L x .15″ diameter spike stem. Plastic carrying case. NSF approved.

Range	Unit	Stock #	PRICE
-58° to 300°F/ -50° to 150°C	EA	706-2500	$17.18
Battery, 1.5V, 2/pk	PK	706-7000	$5.84

Pen Style Digital Pocket Thermometer

Convenient pen-style thermometer stands up to the constant use common in food plants. Water resistant, it operates accurately in damp, wet or humid environments. LCD display is large and easy-to-read. Data hold and continuous update feature. On/off button and automatic power off function. Accuracy ±2°F/±1°C. 3″ stem. Uses 1.5V button battery (#AB13), which is included and replaceable.

Range	Unit	Stock #	PRICE
-58° to 300°F/ -50° to 150°C	EA	706-2300	$21.59

Food Testing Skewer Thermometers

Determine meat and other food temperature with these extremely accurate bimetal testing thermometers. Stainless steel spiked stem easily penetrates most products. Easy to recalibrate. Accuracy ±1% of scale. 1-3/4″ dial with polycarbonate lens. 0.15″ diameter stem. NSF certified. Available in two lengths. Plastic carrying case with pen clip is optional.

Stem	Range	Unit	Stock #	PRICE
5″	0° to 220°F	EA	657-2038	$35.28
8″	0° to 220°F	EA	657-2039	$35.65
Plastic case for 5" stem	-	EA	657-2042	$2.78
Plastic case for 8" stem	-	EA	657-2043	$3.20

Jumbo Wall Thermometers

Ideal for coolers, warehouses, storage areas or processing rooms. Weather-proofed for indoor/outdoor use. -60° to 120°F dial with 2° divisions. Plastic lens.

Dial Size	Unit	Stock #	PRICE
12" dia	EA	450-2112	$12.59
18" dia	EA	450-2118	$42.84

Professional Grade Non-Contact Infrared Thermometers

Measure product and equipment temperatures quickly, safely, and accurately without direct contact. Ideal for fast-moving product lines, open vats, coolers, or exterior surface of CIP tank or pipes. Accuracy ±2° of reading with .1 resolution.

- Model QT418L1 is the most rugged of the professional grade thermometers and measures the max temp during scan.
- Model QT418LD offers min, max, dif, and avg temps during scan.

Both require 2 AAA batteries (included) to provide up to 130 hours of continuous use. Optional protective case is available.

Model	Range	Stock #	PRICE
QT418L1	-76° to 932°F (-60° to 500°C)	657-7310	$97.92
QT418LD	-76° to 1157°F (-60° to 625°C)	657-7315	$152.94
Case	Fits both models	657-7309	$13.20

Prices subject to change.

Tel-Fast Non-Contact Infrared Thermometer

Get the highest level of accuracy in an infrared thermometer with this professional grade Food Inspector's model. Meets HACCP requirements for accuracy (+/- 1.8°F between 32 and 150°F, higher and lower temps at +/- 1.5°F). Requires 2 AAA batteries (included) and provides up to 180 hours of continuous use.

Model	Range	Unit	Stock #	PRICE
QTFI40L	-67 to 536°F, -55 to 280°C	EA	657-7320	$108.93

Dial Thermometer and Float

Accurate stainless steel dial thermometer that screws directly into stainless steel float. Combination makes an exceptionally reliable, easy-to-read, moisture-proof floating thermometer. Impossible to tip over. Bobs right through agitators in cheese vats. Thermometer features hermetically sealed case, silicone damped bimetal element, plexiglass lens, 50% overrange protection, and sealed external recalibration screw. Range is 0° to 220°F with 2° divisions. Accuracy ±1% of scale. 9″ stem. 5/16″ - 24″ fine thread connection. Thermometer and float sold separately.

Description	Unit	Stock #	PRICE
Thermometer	EA	563-2015	$75.13
Float	EA	450-2025	$61.76

Pipe Thermometers

Clamp to steam, water, refrigeration pipes, etc. For pipes over 3/4″ OD. 2″ dial. Comes complete with three stainless steel spring clamps which can be used separately or connected together for larger pipes.

Range	Unit	Stock #	PRICE
70° to 370°F	EA	563-7011	$84.31
-50° to 250°F	EA	563-7010	$84.31

Adjustable Thermometer Clamps

An inexpensive way to keep the thermometer where you want it. Slip clamp onto thermometer stem; clip it on your tank, tray or beaker. Valuable aid in the laboratory. Available for two stem diameters.

Fits	Unit	Stock #	PRICE
0.15" dia	EA	657-2090	$2.78
0.25" dia	EA	657-2092	$2.78

Stainless Steel Vat Thermometer Holder

Attach to side of vat by bending rear tab. Put thermometer stem through 2 holes. Holes will accommodate our standard 1/4″ diameter stem thermometers.

Description	Unit	Stock #	PRICE
Vat holder	EA	922-7525	$18.90
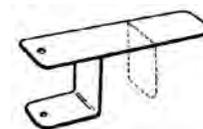
Sanitary Thermometer Wells

Clamp one of these polished stainless steel wells into a line or tank for mounting thermometers. Mounts in tee, cross or other process connection with clamp fitting. Accommodate thermometers with 4″ x 0.25″ diameter stem and 1/2″ NPT connection. 1/2″ insertion length. Options: other insertion and stem lengths available.

Fitting Size	Unit	Stock #	PRICE
1½"	EA	384-1690	$143.01
2″	EA	384-1695	$143.01
2½"	EA	384-1696	$180.64
3″	EA	384-1697	$203.22

Call Customer Service at 800-826-8302

Make Nelson-Jameson your process equipment and component resource, as well as a valuable partner for product information and maintenance.

From hands on training to contracts for quarterly, semi-annual or as-needed equipment servicing, we can help!

Check out the Nelson-Jameson website and Learning Center for maintenance videos, parts diagrams and more!

Nelson-Jameson's sister company, Kaestner, is an engineering and install-atin firm that can help with piping modifications, plant production layouts, new equipment installation and more! Ask your Nelson-Jameson account manager about getting help with your project work today!

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LIQUID
1 mL = 1000 µL (microliters)
500 mL = 16.907 fl. oz. (fluid ounces)
1 L = 1,000 mL, 1.057 quart, 0.264 gal.
2.3 L = 2.430 quarts
2.5 L = 2.642 quarts
3.8 L = 4.015 quarts
4 L = 4.227 quarts
20 L = 5.283 gallons
1 fl. oz. = 29.573 mL
1 pint = 473 mL, 0.47 L
1 quart = 32 fl. oz., 946 mL, 0.946 L
1 gallon = 128 fl. oz., 3.785 L

VOLUME

1 cu. in. = 16.39 cc
1 cc = 0.061 cu. in.
1 cu. ft. = 0.03 cu. meter
1 cu. yd. = 0.76 cu. meter

WEIGHT
1 g = 0.035 oz.
100 g = 3.527 oz.
500 g = 17.637 oz., 1.102 lb
1 kg = 2.205 lb.
3 kg = 6.614 lb.
10 kg = 22.046 lb.
1 oz. = 28.350 g
1 lb. = 16 oz., 454 g
5 lb. = 2.268 kg

LENGTH

1 mm = 1,000 microns, .03937 in.
1 cm = 10 mm, 0.3937 in.
1 mil = 0001 in., 0.0254 mm
1 in. = 2.540 cm, 25.4 mm
1 ft. = 0.3048 meter
1 meter = 39.37 in., 3.281 ft.

TEMPERATURE
Celsius = Fahrenheit -32 x 0.556
Fahrenheit = Celsius x 1.8 + 32

Prices subject to change.

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Call Customer Service at 800-826-8302

M926 CHLORIDE ANALYZER

Nelson-Jameson M926 Chloride Analyzer System

An Accurate, Practical Salt and Chloride Measurement System for the Food Industry

The M926 Chloride Analyzer System can meet all of your plant's requirements:

- Accuracy & repeatability - as specified by QA/QC department.
- Speed & reliability - as required by production department.
- Simplicity & ergonomic features - as needed by lab technicians.
- Data connectivity & cost-effectiveness - as demanded by management.

The Nelson-Jameson M926 Chloride Analyzer is an automatic chloride titrator designed for the food laboratory.

Preferred by many major U.S. food companies, it functions well in a networked system or as a stand-alone chloride and salt tester. Not a conductivity meter, our M926 actually titrates chloride with silver as in official methods. Various university studies have shown that our M926 is more accurate and precise than any other rapid method of salt determination. Like the Volhard procedure, but without the use of silver nitrate, the M926 titrates chloride with silver, however, the endpoint is electronically determined, which results in better accuracy. Automatic features provide speed and simplicity, reducing labor costs and improving results. Titrations are performed in under 1 minute for many samples. Results are displayed in % salt NaCl or mg/L chloride. Best of all, the M926 is competitively priced and economical to operate at less than 10¢ per test.

How does our M926 Chloride Analyzer compare with other automatic titrators?

A true food industry model - not a remake from a medical lab - the Nelson-Jameson M926 has a host of features ideal for the food industry. Ergonomic design makes it easy to introduce samples and allows easy access to electrodes for cleaning. The simple titration procedure requires little training. Calibrations are factory-set to ensure accuracy over a wide test range and prevents unauthorized adjustments. Visual user prompts appear on an LED-backlit display. Switches are embedded in a metal frame, and sealed under a vinyl shield, to permit rugged use and easy cleaning. A switch-mode power supply (100-240 volt input) provides protection against line surges. USB and RS232 data ports allow electronic capture and processing of results.

Results are accurate and reproducible (±3mg/L Cl) with linearity over entire read-out range.

Appropriate for food testing, the M926 titrates relatively large sample aliquots. Errors induced in sampling are minimized. Microprocessor control ensures maximum reliability. Heavy-duty components stand up to continuous industrial use. Maintenance is minimal.

But, don't take our word for it. The Nelson-Jameson M926 is used by hundreds of food companies on products ranging from cheese to salsa, from hot dogs to dill pickles. The M926 Chloride Analyzer is in Standard Methods for the Examination of Dairy Products and has been documented by university studies to compare in accuracy to the Volhard method. Call us for a free copy of studies by the University of Wisconsin Food Research Institute and Iowa State Food Science Department.

Nelson-Jameson also provides full service on our M926 Chloride Analyzers and stocks all the needed parts and solutions to keep your unit running effectively. For more details and an opportunity to discuss your salt testing needs, call our laboratory specialists.

Model	Applications	Unit	Stock#	PRICE
M926	Food processing	EA	780-3545	$5,984.13
M926S	Industrial	EA	780-3565	$5,984.13

Prices subject to change.

Active Salt Software

Reduce errors, calculate % salt instantly and automatically generate reports with the Active Salt Software package. Data can be entered manually or collected directly via a USB to RS232 cable (provided) from the Model 926 Chloride Analyzer and a balance. Dilutions are calculated instantly based on sample and diluent weights. This helps eliminate time spent adding precise amounts to mixing containers.

The package has been designed for ease of use with everything visible on one screen to improve efficiency and traceability of food analysis results. Package includes software and 2xRS232/USB adapter cable. Required accessories, sold separately, include: personal computer with USB port and Windows® XP or later operating system, A&D EKi Series or Mettler Toledo ML Series balances (see our balance section for additional information), RS232 adapter for A&D balance, and Chloride Analyzer with RS232 data port. Contact our Technical Service Department for compatibility with other balance manufacturers.

Description	Unit	Stock#	PRICE
Active Salt software with 2xRS232/USB adapter cable	KT	780-3020	$299.76
Compatible Balances & Accessories			
Analyzer RS232 adapter cable	EA	780-3051	$68.57
Balance, A&D EK-200i, 200 g x 0.01 g, Bi-directional RS232C	EA	008-3310	$471.64
RS232 adapter, A&D balances	EA	780-3073	$10.48
Positive Displacement Pipettors			
Gilson M250 Microman Pippette positive displacement 50-250 µL	EA	271-3000	$319.75
Gilson tipack, non-sterile, 96/rack	RA	271-3003	$38.84

M926 Chloride Analyzer Supplies

Description	Pkg	Unit	Stock#	PRICE
14 mL Plastic Beaker	1/ea	EA	780-3010	$13.92
Chloride Standard for M926	100 mL/bottle	BO	780-3750	$11.48
Chloride Standard for 925/M926S	100 mL/bottle	BO	780-3756	$11.48
Combined Acid Buffer for M926	500 mL/bottle	BO	131-3751	$22.41
Silver Electrode, Anode	3/pk	PK	780-3911	$80.29
Silver Electrode; 1 Cathode, 2 Detecting	1 Cathode, 2 Detecting/pk	PK	780-3910	$80.29
Silver Electrode Polish	25g/bottle	BO	780-3730	$32.54

M926 Chloride Analyzer

Repair Parts & Accessories

Description	Unit	Stock#	PRICE
AC power cord to s/n: 23904	EA	481-3000	$9.66
Power adapter from s/n: 23905	EA	780-3153	$129.97
Boot for electrode holder	EA	780-3905	$29.87
Electrode holder	EA	780-3906	$156.47
Foot pads, self-adhesive	EA	780-3964	$2.06
Fuse, main, analyzer serial numbers to s/n: 23904	EA	780-3904	$8.21
Micropot, count adjust	EA	140-3755	$6.08
Operator's manual M926	EA	780-3902	$36.02
O-ring for stirrer coupler	EA	498-1007	$0.17
Platform lock	EA	780-3963	$9.35
RS232 cable	EA	780-3051	$68.57
Stir motor w/coupler	EA	780-3501	$470.11
Stirrer	EA	780-3950	$64.69
Surge suppressor	EA	481-3016	$68.00
Switch, titrate/condition	EA	140-3900	$12.47

Is your M926 in need of routine maintenance or repair?
Nelson-Jameson provides full service on our M926 Chloride Analyzers.
Simply send it in, and our Tech Service Team will evaluate and fine tune your M926 to make it good as new!

Interested in trying out an M926 in your lab before purchasing?
Call us today for more info.

SPECTROPHOTOMETERS

METTLER TOLEDO UV5 Spectrophotometer

Comes ready-to-use with a 7-inch touchscreen terminal and a precision 1 cm cuvette holder. Three direct measurement types (fixed wavelength, scan, quantification) have been pre-installed. FastTrack™ technology allows full spectrum scans from 190-1100 nm in 1 second. It is available in two versions: UV5 includes the precision 1 cm cuvette holder and the UV5 A (#340-3046) includes the 8-position CuvetteChanger for automated UV/VIS measurements.

Wavelength Range(nm)	Max Number of Methods	Number of Results Stored in Instrument	PC Software	Unit	Stock#	PRICE
190-1100	20	20	LabX UV/VIS Software	EA	340-3040	$9,207.00

METTLER TOLEDO UV5BIO Spectrophotometer

The UV5Bio Spectrophotometer is a dedicated instrument for standard cuvette measurements in life sciences. Its wide range of pre-defined direct measurement applications and METTLER TOLEDO methods are typically used in Life Sciences (biotech and biopharma), e.g. concentration determination of nucleic acids and proteins. The UV5Bio has the same specifications and delivery scope as the UV5.

Wavelength Range(nm)	Max Number of Methods	Number of Results Stored in Instrument	PC Software	Unit	Stock#	PRICE
190-1100	50	50	LabX UV/VIS Software	EA	340-3042	$10,028.70

METTLER TOLEDO UV5Nano Spectrophotometer

Allows micro-volume measurements with only 1 L of sample, as well as standard cuvette applications. LockPath™ technology secures pathlength accuracy and repeatability. It comes with a wide range of pre-defined direct measurement applications and METTLER TOLEDO methods typically used in Life Sciences (biotech and biopharma), e.g. nucleic acid and protein analyses.

Wavelength Range(nm)	Max Number of Methods	Number of Results Stored in Instrument	PC Software	Unit	Stock#	PRICE
190-1100	50	50	LabX UV/VIS Software	EA	340-3044	$11,880.00

METTLER TOLEDO UV5A Spectrophotometer

Comes ready-to-use with a 7-inch touchscreen terminal and a precision 1 cm cuvette holder. Three direct measurement types (fixed wavelength, scan, quantification) have been pre-installed. FastTrack™ technology allows full spectrum scans from 190 – 1100 nm in 1 second. It is available in two versions: UV5 (3403040) includes the precision 1 cm cuvette holder and the UV5 A includes the 8-position Cuvette Changer for automated UV/VIS measurements.

Wavelength Range(nm)	Max Number of Methods	Number of Results Stored in Instrument	PC Software	Unit	Stock#	PRICE
190-1100	50	50	LabX UV/VIS Software	EA	340-3046	$11,761.20

UV/VIS Cuvettes 4-Sided

Available in high quality polystyrene for measurements from 340nm to 800nm, as well as a proprietary polymer for precise measurements in both the visible and UV-range (230-800nm). Polystyrene (PS) cuvettes are the least expensive, however they have the lowest chemical resistance, and are only suitable for visible light applications, with a lower wavelength limit of around 340nm. BRAND UV-Cuvettes use a proprietary plastic to allow measurement as low as 230nm, and has resistance to many polar organics as well as many acids and bases. The UV-cuvettes also show no autofluorescence. With an industry standard 10mm light path, BRAND 4-sided clear cuvettes fit most common fluorometers. Cuvettes are packaged in trays containing 100 cuvettes. Trays are made of low-dust, non-scratching, expanded polystyrene. Exterior dimensions 12.5 x 12.5 x 45 mm.

Material	Pkg	Filling Volume Minimum	Filling Volume Maximum	Range of Application UV	Unit	Stock#	PRICE
Polystyrene	100/pk	2.5 mL	4.5	340-800 nm	PK	090-3057	$17.98
Polystyrene	500/pk	2.5 mL	4.5	340-800 nm	PK	090-3058	$75.77
Propietary Polymer	100/pk	2.5 mL	4.5	230-800 nm	PK	090-3059	$80.50
Propietary Polymer	500/pk	2.5 mL	4.5	230-800 nm	PK	090-3060	$359.91

Prices subject to change.

TITRATORS

METTLER TOLEDO EasyPlus™ Easy pH Titrator

Simplifies and speeds up automated acid/base endpoint or inflection/equivalence point titrations. The simple 'App' style user interface reduces training time while increasing work speed and simplicity. iTitrate Intelligence's guided setup assists in method programming to ensure samples are tested consistently, regardless of operator, and with minimal effort. Everything you need for automated acid/base titrations by pH endpoint or to an inflection point plus simple pH measurements. Be prepared for any sample matrix with our aqueous and non-aqueous pH sensors.

This titrator is ideal for the following applications and many more:

• Acidity content of juices, wine and milk.
• Alkalinity of cleaning reagents and chemicals.
• Free fatty acid content of cooking oils.
• Alkalinity (m-value) and acidity (p-value) of water.

Unit	Stock#	PRICE
EA	340-3641	$2,990.00

METTLER TOLEDO EasyPlus™ Easy KFV Titrator

Versatile and suitable for a range of determinations making it ideal for simple titrations of most sample types. The simple 'App' style user interface reduces training time while increasing work speed and simplicity. iTitrate Intelligence's guided setup assists in method programming to ensure samples are tested consistently, regardless of operator, and with minimal effort.

Karl Fischer determination is the benchmark for water content analysis. The Easy KFV titrates for water content in a wide variety of samples from any industry.

Features include:

• Tests water in the range from 100 ppm to 100%.
• Simple and automatic titrant standardizations.
• Injection port for syringes and pipetted liquid samples.
• Handy weighing/carrying spoon for easy and spill-free solid sample introduction.

Unit	Stock#	PRICE
EA	340-3645	$5,330.00

METTLER TOLEDO V20S Compact Volumetric Karl Fischer Titrator

The routine Karl Fischer titrator combines fast and precise water content determination with easy operation. Samples from any industry with water content between 100 ppm and 100% are analyzed in single measurements or sample series with statistics. The color touchscreen has a One Click user interface. User interface in English, German, French, Spanish, Italian, Chinese, Russian, Polish, Korean and Portuguese. Intelligent burettes have an RFID chip saving all relevant titrant data. Includes stirrer and Solvent Manager pump, DM143 platinum electrode, 5 mL burette, titration stand, and other necessary accessories. 1-year warranty.

Unit	Stock#	PRICE
EA	340-3964	$7,940.00

HANNA® HI 84529 Titratable Mini Titrator

For Dairy Analysis

This easy-to-use, fast and affordable automatic mini titrator is designed for testing titratable acidity levels in dairy products. Based on an acid-base titration method, this mini titrator uses an optimized preprogrammed method of analysis with a powerful algorithm that determines the completion of the titration reaction by the use of a specialized foodcare pH electrode. Incorporates a precision piston style dosing pump that adjust the volume of dosing dynamically based on the voltage change. This innovative dosing system reduces the amount of time required while providing for a highly accurate reading. Supplied complete with all the materials necessary to perform low and high range measurements of titratable acidity. All chemicals are premixed and prepackaged, including standardized titrants, reagents, and pump calibration solution. No need for volumetric glassware or analytical balances. 2-year warranty. Call Nelson-Jameson for a listing of reagents and accessories.

Unit	Stock#	PRICE
EA	296-3529	$825.00

Call Customer Service at 800-826-8302

TITRATORS

HANNA® HI84532 Titratable Acidity Mini Titrator

For Fruit Juice Analysis

Designed for testing the acidity of fruit juice, this automatic mini titrator is fast and easy-to-use. This potentiometric titrator uses a pH electrode and an optimized preprogrammed method of analysis to determine the completion of the titration reaction. Incorporates a precision piston style dosing pump that adjusts the volume of titrant delivered dynamically based on a voltage change. This dosing system reduces the amount of time required for the titration, while providing for a highly accurate determination of the amount of titrant used. Supplied complete with all materials necessary to perform low and high range measurements of titratable acidity in fruit juice. Results displayed as % citric acid, tartaric acid and malic acid. All chemicals are premixed and prepackaged, including standardized titrants, reagents, and pump calibration solution. There is no need for volumetric glassware or analytical balances, making titrations fast and easy. 2-year warranty. Call us for a reagents and accessories listing.

Unit	Stock#	PRICE
EA	296-3532	$825.00

FAT TESTING

Garver Centrifuges and Shakers for Babcock Testing

Established in 1915, barely two decades after Dr. Stephen Babcock created his milkfat test, Garver Manufacturing is a world leader in designing and building equipment for this particular test. Product designs have been continually refined for trouble-free operation. Each machine is hand-built and factory tested prior to shipping. Today the Garver name is associated with Babcock testing throughout the world. Nelson-Jameson, the premier supplier of Garver equipment in the United States, is equipped to handle all your needs. Rely on us for products and accessories, know-how, and a great variety of spare parts to keep you running. Call for sizes/capacities not listed.

Garver Deluxe VS Centrifuges

Our top-of-the-line model. Carefully designed to operate at the prescribed speed required for testing. Speed is regulated by a six-position tap switch. The first position is a high-speed start that brings the machine up to test speed range in as little as five seconds. The other five positions allow fine-tuning of test speed. Visiscope strobe speed indicator operates using fluorescent room lights. Heater is thermostatically controlled; top-mounted thermometer displays temperature. Pilot light for heater located in control box, along with motor, heater and tap switches.

23″ cast aluminum bowl has brushed satin finish and cast iron base. Heavy duty motor bearings, computer machined shafts which are carefully hand polished, and an efficient oiling system provide years of trouble-free service. Equipped with brake. Height: 17-3/4″. 115V. Holds glassware up to 9″H and 1-7/16″ dia. Choice of 24- or 36-bottle capacity.

Model	Capacity	Wt	Unit	Stock#	PRICE
424VS	24-bottle	104	EA	246-3208	$5,927.05
436VS	36-bottle	99	EA	246-3009	$6,145.55

Garver Deluxe Series Centrifuges

Same as Model 424VS, but without variable speed feature. Equipped with 23″ cast aluminum bowl, heater, thermostat, brake, thermometer, and visiscope. Pilot light, motor and heater switches in aluminum control box. Meets prescribed rpm for testing. Will provide years of trouble-free service. Height: 16-1/8″. 115V. Holds glassware up to 9″ H and 1-7/16″ dia. Choice of 24- or 36-bottle capacity.

Model	Capacity	Wt	Unit	Stock#	PRICE
424	24-bottle	85	EA	246-3107	$5,118.60
436	36-bottle	96	EA	246-3008	$5,354.20

Garver Series 200 Centrifuges

A smaller centrifuge with 20″ cast aluminum bowl, designed to hold bottles up to 6-1/2″ high. Ideal for Babcock and solubility tests. Many convenient features including: heater, thermostat, brake, thermometer, and visiscope. Pilot light, motor and heater switches in aluminum control box. Height: 15-1/2″. 115V.

Model	Capacity	Wt	Unit	Stock#	PRICE
208	8-bottle	49	EA	246-7006	$4,437.45
212	12-bottle	50	EA	246-3212	$4,524.85
224	24-bottle	48.15	EA	246-3012	$4,830.75

Prices subject to change.

Gerber Test Centrifuges

Designed for the Gerber test, this Garver centrifuge is constructed with the same quality materials and features of the Garver Deluxe series. Features include: 23″ cast aluminum bowl, heater, thermostat, brake, thermometer, visiscope, and Gerber adapters. Pilot light, motor and heater switches in aluminum control box. Specially built motor develops proper G force to perform Gerber test. Does not include variable speed feature. It will provide you with years of trouble-free service. Holds glassware up to 9″ high. Height: 16-1/8″. 115V. Choice of four different capacities.

Model	Capacity	Wt	Unit	Stock#	PRICE
108G	8-bottle	50	EA	246-3108	$4,546.70
112G	12-bottle	50	EA	246-3211	$4,786.10
424G	24-bottle	96	EA	246-3308	$5,798.80
436G	36-bottle	98	EA	246-3309	$5,833.00

Garver Centrifuges for Mojonnier Testing

Centrifuge for Mojonnier Testing with 2 place rotor head, sealed hazardous location safety on/off switch and sealed Garver motor for intermittent use only. Also features an isolated manual brake and aluminum centrifuge, motor and rotor head. Maximum run time of motor is 15 minutes. 115V/60 Hz.

Model	Capacity	Unit	Stock#	PRICE
202M	2-bottle	EA	246-3202	$7,016.70
204M	4-bottle	EA	246-3204	$7,597.15
308M	8-bottle	EA	246-3338	$7,915.40
312M	12-bottle	EA	246-3312	$8,467.35

Garver Centrifuge Replacement Parts

Mfg Part #	Description	Unit	Stock#	PRICE
0031C	Ball bearing set screw	EA	246-3025	$11.44
0032C	Ball-bottom of motor	EA	246-3026	$8.18
0030C	Bearing-bottom of motor	EA	246-3024	$12.85
0086C	Bearing oil	BO	246-3400	$17.12
0029C	Bearing-top of motor	EA	246-3023	$13.07
0016C	Brake, disc and stem	EA	246-3014	$60.58
0052C	Cord and plug for heater	EA	246-3045	$25.41
0009C	Double cup hanger	EA	246-3040	$19.24
0013C	Double cup hanger w/ balanced cups	ST	246-3041	$62.06
0160C	Electronic speed control	EA	246-3150	$181.12
0074C	Gerber adaptor	EA	246-3330	$24.06
0058C	Handle for lid	EA	246-3048	$40.14
0050C	Heater pin, 2 required	PR	246-3043	$22.22
0049C	Heater, 500W, 4" diameter-regular models	EA	246-3038	$130.47
0055C	Heater, 750W, 7½" diameter-large model	EA	246-3044	$173.05
0051C	Lava bushing for heater pin, 2/set	ST	246-3039	$29.99
0073C	Milk solids adaptor	EA	246-3335	$27.26
0028C	Nut for carrier & visiscope	EA	246-3022	$25.41
GE 47	Pilot light bulb	EA	246-3057	$2.59
0021C	Rotor-large model	EA	246-3016	$301.41
0020C	Rotor-regular model	EA	246-3017	$265.34
0075C	Rubber pad-milk solids	EA	246-3340	$3.20
0044C	Tap switch	EA	246-3034	$110.68
0038C	Thermometer holder	EA	246-3029	$60.58

Mfg Part #	Description	Unit	Stock#	PRICE
0039C	Thermometer, -10° to 100°C (red alcohol)	EA	246-3999	$55.54
0045C	Thermostat with wiring	EA	246-3035	$91.55
0043C	Toggle switch, double pole	EA	246-3033	$22.44
0037C	Top visiscope bushing w/washer	ST	246-3042	$46.65
0034C	Visiscope (shaft, bushings, spring & face)	EA	246-3028	$104.58
0035C	Visiscope (speed indicator)-face only	EA	246-3027	$15.88
0141C	Garver shipper box for large centrifuge	EA	246-3141	$53.28
0068C	Super Motor (need model & s/n of centrifuge)	EA	246-3976	$844.12
0069C	Standard Motor (need model & s/n of centrifuge)	EA	246-3975	$810.78

Fat Testing Reagents can be found on pages 751-754

All neccessary ; lassware and 5ccessories are found on pages 555 & 556

Call Customer Service at 800-826-8302

FAT TESTING

Garver Babcock Test Bottle Shaker

Saves time and produces consistently accurate results test after test. Test bottle contents are completely integrated within 30 to 45 seconds. Eliminates haphazard results from hand-twirling. Shaker features heavy-duty gearhead motor with variable speed. Shaker tray is machine-cast aluminum with rubber pad on the bottom and a high density polyethylene top for quiet performance. Shaker arm is driven by precision ball bearing. 3/16″ rust-resistant steel bottom plate has heavy rubber pad cemented under it. Vibration is minimal due to the low center of gravity, precise engineering and careful assembly. Accommodates 6″ to 9″ glassware.

Model	Description	Unit	Stock#	PRICE
Shakers				
240	24-bottle capacity	EA	246-3003	$2,674.25
360	36-bottle capacity	EA	246-3005	$2,816.75
Replacement Parts				
1107S	Rheostat switch	EA	246-3007	$108.90
1102S	Motor brushes (Bodine motor), 2/set	ST	246-3006	$17.80
1101S	Aluminum side bearing	EA	246-3101	$180.25
1119S	Rubber pad, 24-btl	EA	246-3118	$49.65
1134S	Shaker tray top, polyethylene, 24-bottle	EA	246-3129	$75.11
1135S	Shaker tray top, polyethylene, 36-bottle	EA	246-3130	$86.52
1130S	Carter gear motor w/ mount	EA	246-3131	$720.92
1104S	Carter shaker gear motor	EA	246-3132	$649.16
1131S	Motor mount for 104 Carter motor	EA	246-3133	$83.85
1103S	Carter motor brushes, 2/set	ST	246-3972	$37.46
1111S	Nylon ball bearing 9/16″	EA	246-3968	$12.29
1101S	Bearing, aluminum slide	EA	246-3101	$180.25
1106S	Bearing, motor shaft	EA	246-3971	$46.44

Garver Gerber Test Bottle Shaker
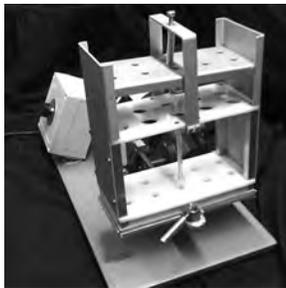
Designed specially for Gerber test bottles. It provides the reciprocating wrist action motion needed for Gerber testing. Comes with a removable tray. 115V/60H.

Model	Description	Unit	Stock#	PRICE
110G	12-bottle capacity	EA	246-3996	$3,880.75

Babcock Divider

Make Babcock test reading easier with this simple caliper, which has a 6″ friction divider with self-centering gearhead and replaceable needle points. The nickel finish resists stains and tarnishing. Replacement parts include chrome needle points and eye bolts.

Description	Unit	Stock#	PRICE
Babcock divider	EA	444-3660	$19.35
Replacement needle point for old style divider	EA	444-3044	$3.85
Replacement needle point for current divider	EA	444-3008	$3.75
Replacement eye bolt	EA	444-3005	$2.75

Precision Caliper

For increased accuracy in reading the Babcock test, use this well-engineered unit. It features a lighted background with a magnified view of the calibrated stems of test bottles; precision setting of divider points; a heating element to maintain sample temperature; and a large stable base. Portable. 110V.

Description	Unit	Stock#	PRICE
Precision Caliper	EA	328-3010	$3,054.25
Accessories			
Cord set w/ground	EA	328-3079	$33.36
Cover plate assembly	EA	328-3013	$85.98
Friction pin	EA	328-3011	$6.36
Friction spring	EA	328-3012	$8.47
Indicator assembly	EA	328-3014	$722.58
Knob assembly	EA	328-3028	$14.83
Light bulb, 120V/15W	EA	328-3015	$10.80
Lower pinion gear	EA	328-3026	$84.31
Magnifier assembly	EA	328-3060	$157.44
Milk glass	EA	328-3007	$23.31
Pointer set (2/set)	ST	328-3020	$21.19
Upper pinion gear	EA	328-3025	$86.37

Laboratory Water Heater

Useful 1-gallon stainless steel water heater for lab use. Automatic temperature control with range from 60° to 170°F. Red light indicates when heater is on. Complete with cover, rubber tubing, clamp, and glass tip. 200W. 120V.

Description	Unit	Stock#	PRICE
Water heater	EA	588-3217	$947.63
Replacement Parts			
Heating element	EA	588-3218	$110.64
Glass tip	EA	588-3219	$7.35
Rubber tubing, 12′ roll	RL	155-3944	$45.62

Prices subject to change.

Nelson-Jameson Economy Babcock Water Bath

Saves hundreds of dollars and takes less space than more expensive water baths. Thermostat is calibrated from 60° to 250°F. Stainless steel pan has a 1/2″ wide flanged rim so it can be recessed into a counter top. Fits opening: 19-7/8″ x 11″. Accommodates 6-1/2″ Babcock bottles. A 36-bottle stainless steel rack and hold-down shield are included. Capacity is 30 liters. Interior measures 20″ x 12″ x 8″ deep. Exterior measures 21-3/4″L x13-3/4″W x 8″ deep. 1500W.

Description	Unit	Stock#	PRICE
Complete water bath	EA	483-3010	$811.05
Replacement Parts			
Bath without rack & shield	EA	483-3011	$674.40
Babcock bottle rack and shield	ST	490-3000	$172.64
Heater element replacement	EA	188-3003	$190.33
Heater w/thermostat without cord & plug	EA	188-3004	$298.03
Heater w/thermostat with cord & plug	EA	188-3009	$434.84

Nelson-Jameson Babcock Fat Test Bottles

Nelson-Jameson branded Babcock fat test bottles are made of the highest quality borosilicate glassware that can withstand the high heat and centrifugal force that is required for Babcock fat testing. The bottles are manufactured in accordance to Standard Methods of Examination of Dairy Products and AOAC specifications. Scales are printed in permanent, amber stain. Large marking spot provided for easy use with an ordinary pencil for sample identification. Sold by the each. Packaged 12/cs. 624-3403 and 624-3406 have "Sealed #3" marking for states requiring it. 624-3407 is the required bottle in California.

Size	For Testing	Capacity	Height	Div./Tol.	Unit	Stock#	PRICE
8%	Milk	18 g	6.5″	0.1%±0.04	EA	624-3403	$20.51
20%	Ice Cream/Half & Half	9 g	6.5″	0.2%±0.2	EA	624-3404	$16.61
50%	Cream	9 g	9″	0.5%±0.25	EA	624-3407	$17.99
50%	Cream	9 g	6.5″	0.5%±0.25	EA	624-3406	$19.27

Nelson-Jameson Paley Fat Test Bottles

High quality and excellent precision. Stopper is included.

Size	For Testing	Capacity	Height	Div./Tol.	Unit	Stock#	PRICE
20%	Cheese/Cream	9 g	6.5″	0.2%±0.2	EA	624-3400	$59.29
50%	Cheese	9 g	6.5″	0.5%±0.25	EA	624-3401	$59.29

Kimax® Babcock Fat Test Bottles

Quality milk testing glassware that is carefully fabricated and accurately calibrated with durable fused-in graduation lines. Bottles are manufactured according to APHA and AOAC specifications. Packaged 12/case.

- S indicates "Sealed #3" marking for states requiring it.
- C+ Indicates required in California.

Mfg Part#	Size	For Testing	Capacity	Height	Div./Tol.	Unit	Stock#	PRICE
530	0.5%	Skim milk	18 g	6½″	.01% ±.025	EA	498-3040	$38.24
1003S-8	8%	Milk	18 g	6½″	.1% ±.1	EA	363-3076	$20.50
516	20%	Ice cream	9 g	6½″	.2% ±.2	EA	498-3037	$22.18
2085S	50%	Cream Cheese	9 g	6½″	.5% ±.5	EA	498-3095	$16.71
2015S	50%	Cream	18 g	6½″	.5% ±.5	EA	498-3080	$16.56
2075C	50%	Cream	9 g	9″	.5% ±0.25	EA	363-3276	$19.90

Call Customer Service at 800-826-8302

BABCOCK GLASSWARE

Kimax® Paley Fat Test Bottles

Used extensively in the industry. Comes complete with three stoppers. Both bottles are 6-1/2" high with 9 gram capacity. 3/case.

Mfg Part #	Size	For Testing	Div./Tol.	Unit	Stock#	PRICE
508	20%	Cheese/Ice Cream	.2% ±.2	EA	498-3032	$58.15
509	50%	Cheese	.5% ±.5	EA	498-3035	$58.15

Forcoven Babcock Fat Test Botttles

This high quality borosilicate glassware is manufactured to APHA and AOAC specifications. Each piece is individually calibrated with mercury and all graduation lines are acid-etched for finer definition. Narrow neck results in an extended scale, improving readability. All bottles marked "Sealed #5" for states requiring it. Skim bottle has decimal reading and has a twin stem as pictured. All other bottles are single stemmed. 6/case.

Size	For Testing	Capacity	Height	Div./Tol.	Unit	Stock#	PRICE
0.5%	Skim milk	18 g	6½"	0.01% ±0.0005	EA	156-3076	$64.74
8.0%	Milk	18 g	6½"	0.1% ±0.04%	EA	156-3077	$34.74
20%	Cream/Ice cream	9 g	6½"	0.2% ±0.1	EA	156-3079	$35.44
50%	Cream	9 g	6½"	0.5% ±0.25	EA	156-3080	$37.54
50%	Cream	18 g	9"	0.5% ±0.25	EA	156-3083	$41.58
60%	Cream	18 g	9"	0.5% ±0.25	EA	156-3086	$50.70

Forcoven Babcock Fat Test Bottles, Paley

Manufactured from the highest quality borosilicate glass, these Paley bottles are acid-etched and mercury-calibrated for accuracy. Paley bottles have a graduated neck offset to one side of the body. This leaves room for a hole which allows solid or viscous material to be added and a stirring rod to be used. Stopper included.

Size	For Testing	Capacity	Height	Div./Tol.	Pkg	Unit	Stock#	PRICE
20%	Cheese	9 g	165 mm	.2% ±.2	12/cs	EA	156-3084	$62.45
50%	Cheese	9 g	165 mm	.5% ±.5	6/cs	EA	217-3998	$62.45
50%	Cheese	9 g	170 mm	.5% ±.5	6/cs	EA	217-3550	$62.45
Replacement stopper					20/pk	PK	156-3088	$52.63

FAT TESTING ACCESSORIES

White Marking Pencil

Verithin white pencil for marking test bottles and other glassware.

Unit	Stock#	PRICE
EA	444-3015	$3.96

Red China Marker

Wax base resists moisture. Writes on glass. Paper wrapped. 12/box.

Unit	Stock#	PRICE
EA	205-3050	$1.96

Milk Test Bottle Brush

White polyester. Has heavier fill but inserts easily into test bottle. Fan tip. 10" overall length. 12/pack.

Unit	Stock#	PRICE
EA	420-2150	$2.06

Cream Test Bottle Brush

Black polyester compressible bristles; twist-locked to last. Tied tip. 11" overall length.

Mfg Part #	Unit	Stock#	PRICE
4121200	EA	618-6053	$7.92

Prices subject to change.

Babcock Test Bottle Washer

Avoid the task of washing Babcock test bottles by hand. This washer is portable, lightweight, yet rugged. It reduces breakage. Washes and rinses in 2 minutes. Just connect the hose to any faucet. Alcotab™ detergent recommended.

Description	Model	Specifications	Unit	Stock#	PRICE
Washers					
12-bottle capacity	4012	For 6.5″ tall Babcock bottles	EA	194-3000	$825.55
24-bottle capacity	4024	For 6.5″ tall Babcock bottles	EA	194-300)	1,014.60
36-bottle capacity	4036	For 6.5″ tall Babcock bottles	EA	194-3010	$1,247.35
Replacement Parts					
Test bottle rubber cushions	-	-	EA	194-3011	$4.84
6″ spray jet nozzle, standard	-	-	EA	194-3012	$15.14
8″ spray jet nozzle, tall - 50% cream	-	-	EA	194-3013	$20.29
Accessories					
Alcotabs, 100 tablets/bottle	-	-	BO	012-5130	$27.04

Kimax® Dairy Pipets

Glass pipets designed to comply with Fed. Spec. DD-P-371. Designed to fit Kimble Babcock bottles. 12/case.

Capacity	Description	Unit	Stock#	PRICE
9 mL	Cream pipet, calibrated to deliver	EA	498-3050	$13.33
17.6 mL	Milk pipet, calibrated to contain	EA	498-3100	$16.93

Forcoven Dairy Pipets

Borosilicate glass. Designed to fit Forcoven Babcock bottles. Acid-etched markings. 12/case.

Capacity	Description	Unit	Stock#	PRICE
9 mL	Cream pipet, calibrated to deliver	EA	156-3712	$11.67
9 mL	Skim pipet, calibrated to contain	EA	156-3713	$11.67
17.6 mL	Milk pipet (sealed #5), calibrated to contain	EA	156-3714	$12.19

Need help finding what you need?

Call our Laboratory Products Specialists for help!
800-826-8302

Call Customer Service at 800-826-8302

GERBER GLASSWARE & TESTING ACCESSORIES

GERBER Skim Milk Fat Test Bottle

Rapid, accurate testing of the fat content of skim milk in less than 10 minutes in a single easy step. The unique sidearm permits easy, rapid acid transfer. Only a single centrifuging is needed and the fat content is read directly in percentage. Supplied with special rubber stopper. Extra stoppers available. 10 bottles/case.

Description	For Testing	Sample Size	Div./Tol.	Unit	Stock#	PRICE
0.50% Bottle	Skim milk	11 mL	0.01	EA	534-3190	$189.78
Replacement stopper				EA	534-3192	$3.45

GERBER Fat Test Bottles

Standardized dimension and capacity. Craftsman-made of resistant borosilicate glass, fully annealed. Precision-calibrated in accordance with specifications of Standard Methods for the Examination of Dairy Products. 10/case.

Description	For Testing	Sample Size	Div./Tol.	Unit	Stock#	PRICE
8% Bottle	Milk	11 mL	0.1 ± 0.05	EA	534-3008	$18.77
4% Bottle	Semi-milk	11 mL	0.05 ± 0.025	EA	534-3120	$19.83
50% Bottle	Heavy cream	5 g	0.5 ± 0.25	EA	534-3009	$27.52
25% Bottle	Light cream/ ice cream	5 g	0.2 ± 0.1	EA	534-3140	$27.06
20% Bottle	Light cream/ ice cream	5 g	0.2 ± 0.1	EA	534-3150	$27.06
15% Bottle	Ice cream/ half and half	5 g	0.2 ± 0.1	EA	534-3160	$27.06

GERBER VAN GULIK Cheese Fat Test Bottle

Cheese test bottle comes complete with a large stopper attached to a perforated glass weighing funnel, and a small stopper for the open terminal bulb. Replacement stoppers include both as a set. 10 bottles/case.

Description	For Testing	Sample Size	Div./Tol.	Unit	Stock#	PRICE
40% Bottle	Cheese	3 g	0.5	BO	534-3210	$31.79
Replacement stopper set				ST	534-3212	$13.34

Kimax® 3010 GERBER Milk Test Pipet

Glass pipets calibrated to deliver 11 mL of milk with accuracy of ±0.05. Pipet scale is printed in permanent brown ink. Designed from ASTM specification E1043, type VI requirements, to comply with APHA. 12/case.

Unit	Stock#	PRICE
EA	363-3050	$21.57

GERBER Glassware Brushes

Specially designed lab brushes for cleaning Gerber glassware. Not designed for 4% bottles.

Description	Unit	Stock#	PRICE
Gerber test bottle stem brush	EA	534-3228	$3.02
Gerber test bottle bulb brush	EA	534-3229	$2.85

GERBER Lock Stopper
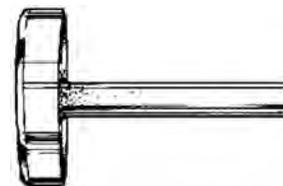
Positioned into bottle by pressure from hand-held key on interior ball. Resistant rubber, brassbound and cored. Positive sealing with no possibility of acid spillage. Key sold separately.

Description	Unit	Stock#	PRICE
Lock stopper	EA	534-3320	$3.30
Hand-held key	EA	534-3300	$8.02

Prices subject to change.

Fat Extraction Flasks

Borosilicate glass specially fabricated for the fat extraction test. Each flask meets or exceeds AOAC specifications.

Kimax® Mojonnier® Fat Extraction Flask

The unique Kimax Mojonnier Flasks for fat extraction has a screw cap providing you with a safety feature other fat flasks cannot offer. This version has a 24-410 GPI thread and is supplied with a black phenolic cap with PTFE-faced white rubber liner.

Description	Size	Unit	Stock#	PRICE
25 mL capacity	38 x 150 mm	EA	156-3111	$68.37

Forcoven Fat Extraction Flasks

These flasks permit the optimum sample size and combination of reagents. Use the 21 mL bulb for milk. The 27 mL bulb will accommodate the addition of wetting agents to disperse dry materials. Sufficient room for acid, necessary to hydrolyze cheese, is provided by the 33 mL bulb. Flasks are supplied with #6 corks and a pouring lip. Replacement corks sold 10/bag.

Description	Unit	Stock#	PRICE
21/23 mL	EA	156-3440	$61.05
27/29 mL	EA	156-3438	$64.21
33/35 mL	EA	156-3439	$68.42
Replacement #6 cork Grade XXXX	BG	217-3440	$28.42

MOJONNIER® G3 Fat Extraction Flasks

Without pouring lip. Replacement corks #6 (#373-3300) are sold separately.

Description	Unit	Stock#	PRICE
23 mL	EA	156-3437	$64.78

Corks

Medium grade (Grade XXX) corks.

Size	Top Diameter	Bottom Diameter	Packaging	Unit	Stock#	PRICE
6	19 mm	15 mm	Each	EA	373-3300	$0.43
6	19 mm	15.5 mm	100/bg	BG	700-3400	$19.82
7	20 mm	16 mm	100/pk	PK	373-3301	$38.05

Forcoven Curved Liquid Weighing Pipets

Made of borosilicate glass. Use for weighing liquid samples prior to fat extractions.
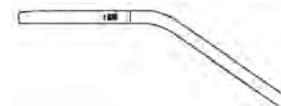
Capacity	Unit	Stock#	PRICE
1 g	EA	156-3708	$10.52
2 g	EA	156-3709	$11.58
5 g	EA	156-3710	$11.58
10 g	EA	156-3711	$12.63

Mojonnier Tester Accessories

468-3023
468-3025
246-3049
246-3091

Designed for use with the Mojonnier Tester. Aluminum pans and aluminum centrifuge basket for 4 flasks.

Description	Size (Diameter x H)	Unit	Stock#	PRICE
Fat extraction dish	3¼" x 2"	EA	468-3023	$37.50
Solids dish	3" x 1"	EA	468-3025	$63.87
Garver centrifuge basket for 4 flask w/ handle	-	EA	246-3091	$178.79
Garver centrifuge basket for 4 flask w/o handle	-	EA	246-3049	$159.56

Kohman Butter Test Cup

Used for the testing of moisture, fat and salt using the Kohman test method for butter analysis. Made from aluminum. Holds 250 cc.

Unit	Stock#	PRICE
EA	715-3300	$63.55

Call Customer Service at 800-826-8302

SEDIMENT TESTING

Sediment Testing

A proven, reliable method of determining sediment concentration in milk and other dairy products. This method has been used for many years as a quality determinant in the dairy industry. A complete set-up includes sediment tester with correct bushings or screen and sediment test cards or disks appropriate for product being tested. Call us for assistance.

Sediment Testers & Bushings/Screens

Manufactured to meet FDA/APHA requirements, our testers feature a 304 stainless steel funnel, with baffle, attached to a cast bronze base. The nickel plated base is threaded for positive funnel attachment. Filters lock in place preventing air leaks. Designed exclusively for this tester, the aspirator reduces the drawing period to about 1/5 the time required for standard aspirators. Unit with backflush aspirator is also available in order to unclog the screen when doing scorched particle testing.

Requires appropriate bushings or screen, sold separately below. Bushings are made of rugged polyurethane machined to within ±.001″ of specifications. Select proper bushings or screen according to sample type and quantity.

Description	Sample Quantity	Aperture	Unit	Stock#	PRICE
Sediment tester w/standard aspirator			EA	122-3001	$463.18
Sediment tester w/backflush aspirator			EA	122-3002	$463.18
Bushings and Screens					
Reconstituted dry milk, screen only	250 mL (8.45-oz)	2.8 cm (1.125″)	EA	122-3112	$21.99
Milk	30 mL (1-oz)	0.25 cm (0.1″)	PR	122-3115	&7.49
Milk	60 mL (2-oz)	0.35 cm (0.14″)	PR	122-3116	$27.49
Milk	120 mL (4-oz)	0.51 cm (0.2″)	PR	122-3117	$27.49
Milk	473 mL (16-oz)	1.02 cm (0.4″)	PR	122-3118	$27.49
Replacement Parts					
Aspirator w/backflush, blue plastic			EA	122-3110	$167.90
Aspirator w/o backflush, black plastic			EA	122-3111	$167.90
Stainless steel funnel - 1000 mL capacity			EA	122-7001	210.74
Splash gun for sediment tester, blue plastic			EA	122-7002	$34.36

Sediment Test Cards and Discs

Test cards filter the medium and provide a positive record in one step. They consist of a reporting card with filter disc attached. Accommodate up to 1.25″ aperture openings.

- NJ-1 is our most popular test card. Also available as disc without card. USDA-specified fabric.
- NJ-2 is the same disc, but card has a slightly different reporting format.
- NJ-3 was designed for heavy cream, dried dairy products (such as whey or non-fat dry milk) or similar products that will not pass through NJ-1 or NJ-2. Fabric carries no USDA acceptance.
- 999 has the same reporting format as NJ-3, but has the same disc as NJ-1 and NJ-2. USDA-specified fabric.

Mfg Part #	Pkg	Unit	Stock#	PRICE
NJ-1 CARD	500/bx, 10 bx/ca	BX	723-3005	$69.30
NJ-1 DISC	1000 disc/bg	BG	723-3004	$19.26
NJ-2 CARD	500/bx, 10 bx/ca	BX	723-3006	$69.30
NJ-3 CARD	500/bx, 10 bx/ca	BX	723-3007	$69.30
999 CARD	500/bx, 10 bx/ca	BX	723-3008	$69.30

Prices subject to change.

Disposable Centrifuge Tubes

Sterile, conical bottom tubes featuring a screw top with easy-to-read black graduations. 50 bulk packaged and offer a write-on strip. Suggested working temperature range is between 0° to 40°C. Made of polypropylene.

Kimble

Capacity	Pkg	Unit	Stock#	PRICE
15 mL	50/pk	PK	700-3222	$10.24
15 mL	500/ca	CA	700-3322	$92.61
50 mL	50/pk	PK	700-3301	$9.42
50 mL	500/ca	CA	700-3505	$90.88

Kimax® 45167 Centrifuge Tube

Reusable borosilicate glass tube with standard taper conforming to USP Type 1 and ASTM E436, Type 1, Class A requirements. Graduated and calibrated to contain. All markings are durable black ceramic enamel. Top is beaded for strength. Used in determination of solubility index for dry milk.

Capacity	Subdivisions	Unit	Stock#	PRICE
50 mL	0-1mL in 0.1 / 1-2mL in 0.2 / 2-10mL in 0.5 / 10-20mL in 1 and at 50	EA	363-3990	$25.64

Scienceware® Imhoff Settling Cone

Use for suspended matter testing. Graduations: 0 to 1 mL (in 0.1 mL subdiv.); 1 to 10 (in 0.5); 10 to 40 (in 1.0); 40 to 100 (in 2.0); with lines and numbers at 250, 500, and 1000 mL. Includes leakproof, screw cap plug in bottom for withdrawing sediment for gravimetric analysis and cleaning.

Size	Unit	Stock#	PRICE
1000 mL Cone	EA	334-3001	$41.60
Imhoff cone rack, holds 3 cones	EA	716-3760	$42.69

W.S. TYLER™ Laboratory Sieves

U.S. Standard

Seamless, 20 cm (8″) diameter brass frames, with wire cloth carefully soldered to frame. 2″ deep. Made in accordance with specifications outlined in ASTM E11, USA Standard Z23.1, AASHO M92 and Fed. Spec. RR-S-366b, with U.S. Standard series designations which indicate sieve apertures. Other sizes available upon request.

Tyler Screen Scale Equivalent Designation	U. S. Sieve Designation	Aperture Size (mm)	Stock#	PRICE
6 mesh	6	3.35	220-3296	$86.18
8 mesh	8	2.36	220-3295	$126.01
9 mesh	10	2.00	155-3713	$119.56
10 mesh	12	1.70	220-3299	$96.51
12 mesh	14	1.40	155-3714	$104.77
16 mesh	18	1.00	155-3715	$105.98
20 mesh	20	0.850	220-3321	$104.36
24 mesh	25	0.710	155-3716	$85.12
28 mesh	30	0.600	220-3322	$100.80
32 mesh	35	0.500	155-3717	$97.69
35 mesh	40	0.425	220-3323	$97.10
42 mesh	45	0.355	155-3718	$85.24
100 mesh	100	0.150	220-3324	$104.07
200 mesh	200	0.075	220-3325	$121.42
250 mesh	230	0.063	220-3329	$129.57

Accessories

Brass cover			716-3967	$18.07
Brass receiver			220-3326	$38.64

Sediment Standards Photos available at no cost by calling USDA: 202-690-3571

Call Customer Service at 800-826-8302

CRYOSCOPES

Advanced® 4250 Single-Sample Cryoscope

Superior accuracy and reliability in just two minutes. Determine the amount of water in milk with precision. Many dairy plants report complete payback on their investment within a matter of months.

This model offers both the International Reference and screening freezing point methods for rapid, precise, reliable results. Calibration requires no user adjustments; just follow the instrument's prompts. Offers a full range of data handling capabilities with an onboard printer and barcode scanner. Instrument memory provides electronic storage and retrieval of up to 30 test results.

Features include a frost-free cooling chamber, which eliminates most routine maintenance. Sample probe and stir-wire are fully accessible for easy cleaning. Simple push-button design, statistical analysis and multi-language capability make the Advanced 4250 Single-Sample Cryoscope an industry standard.

Wt	Unit	Stock#	PRICE
39	EA	222-3425	$10,133.80

Advanced® 4C3 Cryoscope

Forget bulky sample carousels that take up space and have limited capacity. Save time with the 4C3 Multi-Sample Cryoscope featuring new, easy-to-load and feed cassettes. Automatic calibration cassettes cut down time previously spent adjusting unit.

Here's how the 4C3 speeds up sample testing:

• Operator preps and loads up to ten sample tubes into a specially-designed cassette which inserts into the cryoscope for testing.
• Then, following the same steps, the operator proceeds onto the next cassette.
• Meanwhile, previously loaded samples continue to process automatically while new cassettes are loaded and inserted.

Essentially, continuous throughput keeps your cryoscope and operator working at peak efficiency, testing more samples than ever before. When necessary, the 4C3 features an interrupt capability which allows testing to be suspended. Unique to the 4C3 is a dual-stage cooling system which simply means the instrument is ready when you are. Because the cryoscope initially relies on a solid-state cooling block, testing can begin immediately. That means you won't waste time waiting for your cryoscope to get ready.

An important part of any quality control operation is recording and analyzing results. With the 4C3's standard computer interface, you not only can network more than one instrument together, you can easily communicate with computers and printers for data analysis. For convenience, the 4C3 also offers a built-in printer. 50 sample capacity. One-year limited warranty on workmanship and all parts, except glass, plastic and parts warranted by their makers. Printer and RS232 ports included.

Mfg Part #	Description	Unit	Stock#	PRICE
4C3	Multi-sample Cryoscope	EA	222-3330	$24,970.48
4C3050	Set of 5 cassettes, #1 to #5 (each cassette holds 10 samples)	ST	222-3331	$407.86
4C3060	Set of 5 cassettes, #6 to #10 (each cassette holds 10 samples)	ST	222-3332	$407.86

Prices subject to change.

QuickCheck™ TECH Cryoscope

The QuickCheck TECH Cryoscope is a reliable, affordable and versatile analytical tool for detecting extraneous water in milk at any point throughout the dairy supply chain. Easy-to-use, accurate, and cost-effective analysis of milk, in compliance with internationally reviewed and recommended methods (AOAC, IDF 108:2002 & ISO 5764:2009) for payment purposes. Robust electronics, featuring a streamlined calibration and rugged cooling capabilities. Provides results that meet or exceed accuracy requirements for QC/QA critical control points including payment purposes in milk collection/reception.

Mfg Part #	Unit	Stock#	PRICE
QC-TECH	EA	785-3005	$6,350.00

QuickCheck™-IV/GR Cryoscope

Accurate and precise milk testing for adulteration of milk in accordance with current international reference methods (see ISO 5764:2009, IDF 108:2009 and AOAC), this unit provides ultra-accurate results in ~ 90 seconds. Rely upon the test the industry has trusted for years: Freezing-Point. The robust, modular construction of the Model QC-IV/GR is designed to provide you with years of dependable service. User-friendly operation ensures that real-time results are ready anytime; on demand. Whether your testing needs are for payment purposes, product development, production monitoring or simply to confirm positives from screening tests, the QuickCheck Cryoscope offers steadfast accuracy and unwavering precision to faithfully fulfill a wide variety of requirements. A graph charting the actual freezing point curve, in real-time for each sample tested, is displayed on the readout display. This provides in-depth insight helpful for a multitude of purposes, including troubleshooting and research & development. The QuickCheck Start-Up Kit contains: QuickCheck Milk Analyzer, Model QC-IV Sample Tubes Calibration & Control Solutions, and CryoCool™ Heat Transfer Fluid Stainless Steel Sample Tube Rack.

Mfg Part #	Unit	Stock#	PRICE
QC-IV/GR	EA	785-3006	$6,990.00

QuickCheck™ Flex Cryoscope

The QuickCheck Flex is a portable freezing-point Cryoscope, providing precise results for added water in milk in accordance with recommended reference methods (AOAC/IDF/ISO) for payment purposes. The only 12-volt DC powered (battery) instrument, the portable QC-Flex is a tool for rural or remote locations off the 'grid' or in areas where AC power is not always reliable. Applications include milking parlors, bulk tanks, collection centers, milk trucks, use by herd management teams & field reps. Bringing you real-time information about added water, when you need it – where you need it: Check the bulk tank to monitor for added water caused by improperly drained lines, condensation, etc. Screen milk samples for extraneous water upon pick up at the farm, prior to loading, to confirm compliance with recommended levels. Optional AC capabilities (w/an external power supply) facilitate use in milk reception, on-farm bottling & dairy processing plants.

Mfg Part #	Unit	Stock#	PRICE
QC-FLEX	EA	785-3007	$5,850.00

Call Customer Service at 800-826-8302

CRYOSCOPE STANDARDS, SUPPLIES & PARTS

Cryoscope Standards, Supplies & Parts

Nelson-Jameson is one of the best sources of cryoscope standards, supplies and parts in the country. If you don't see what you need listed below, chances are we'll still be able to get it. Just call our customer service representatives at 800/826-8302 with the details.

Advanced® Cryoscope Standards

Description	Pkg	Unit	Stock#	PRICE
.422 Standard	10 mL/ea, 10/bx	BX	222-3232	$47.97
.422 Standard	110 mL/btl	BO	222-3116	$20.78
.530 Lactrol reference solution	10 mL/ea, 10/bx	BX	222-3231	$62.17
.530 Reference solution	110 mL/btl	BO	222-3027	$22.80
.621 Standard	10 mL/ea, 10/bx	BX	222-3233	$47.97
.621 Standard	110 mL/btl	BO	222-3113	$20.78

Advanced® Cryoscope Supplies

Description	Pkg	Unit	Stock#	PRICE
30 Vial rack, polypropylene	1 ea	EA	010-3085	$20.65
Air filter	6/bx	BX	222-3040	$79.77
Cryoscope tubes	12 ea/bx	BX	222-3234	$75.37
Heat Transfer Fluid	150 mL/btl	BO	222-3237	$34.41
Heat transfer fluid filter	1 ea	EA	222-3238	$28.40
Probe wipers for 4C3	100 ea/bg	BG	222-3996	$85.37
Thermal printer paper	5 rl/pk	PK	222-3405	$58.77

Advanced® Cryoscope Parts

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
3D3700	4250/4D3 Sample probe	1/pk	EA	222-3235	$704.73
4D3340	Block probe	1/ea	EA	222-3340	$513.82
3D3185	Operator/ Supervisor keys	2/pk	PK	222-3239	$21.19
3LH230R	Yoke	1/pk	EA	222-3252	$59.78
4C2243	4C3 Stir freeze wires	2/pk	PK	222-3243	$38.98
4D3312	4250/4D3 Ejector spring	1/pk	EA	222-3253	$11.99
4D3705	One-Way check valve	1/pk	EA	222-3251	$23.19
4LH243	4250/4D3 Stir freeze wires	2 ea/set	ST	222-3242	$63.17

Cryoscope Repair Service:

We service cryoscopes. Contact our repair department at 800/826-8302 for repairs on Advanced brand cryoscopes.
Loaners are available.

Page and Pedersen® Cryoscope Standards and Supplies

Page & Pedersen provides Cryoscope calibration and control standards (408 m°C/422 m°H, 600 m°C/621 m°H and 512 m°C/530 m°H). Cryoscope standards are accurate to ±1.5 m°C. Shelf life is 12 months from manufacture. Certificates of conformance are available for each batch (traceable to ISO 5765). Glass sample tubes and Heat Transfer/Cooling Fluid are also available. Suitable for all freezing-point cryoscopes. Quality products at budget prices!

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
101-422	422 Calibration Standard	125 mL	EA	785-3118	$12.60
101-423	422 Calibration Standard	125 mL/ea, 4/bx	BX	785-3119	$44.00
101-424	422 Calibration Standard	125 mL/ea, 30/ca	CA	785-3120	$340.00
101-530	530 Calibration Control	125 mL	EA	785-3121	$12.60
101-531	530 Calibration Control	125 mL/ea, 4/bx	BX	785-3122	$44.00
101-532	530 Calibration Control	125 mL/ea, 30/ca	CA	785-3123	$340.00
101-621	621 Calibration Standard	125 mL	EA	785-3124	$12.60
101-622	621 Calibration Standard	125 mL/ea, 4/bx	BX	785-3125	$44.00
101-623	621 Calibration Standard	125 mL/ea, 30/ca	CA	785-3126	$340.00
101-900	CryoCool™ Bath Liquid (Green)	500 mL	EA	785-3127	$21.00
101-901	CryoCool™ Bath Liquid (Green)	500 mL/ea, 30/ca	CA	785-3128	$599.00
101-910	CryoCool™ Bath Liquid (Blue)	160 mL	EA	785-3129	$16.00
101-911	CryoCool™ Bath Liquid (Blue)	160 mL/ea, 35/ca	CA	785-3130	$520.00
108-112	Glass Cryoscope Sample Tubes	2.5 mL Tubes, 12/bx	BX	785-3131	$64.20

Prices subject to change.

MULTI-COMPONENT TESTING & SUPPLIES

LactiCheck™-01 RapiRead™ Milk Analyzer

Providing a complete milk composition profile in just 40 seconds, this user friendly, affordable and automated system assays fat, solids, density, added water, lactose and protein composition at the push of a button. Designed to test both unprocessed and processed cow, sheep, goat and buffalo milk products. The LactiCheck LC-01 RR milk analyzer is based upon the latest advances in ultrasound spectrometric technology. All results can be sent directly to a computer using the LactiLog™ Recording System, facilitating transparency of data.

Ideal for on-farm and process environments. Results can be used in conjunction with other classical methods of milk composition analysis on the farm and in the lab to consistently analyze milk throughout the supply chain. The LC-01 RapiRead is shipped complete with: LactiCal™ Controls, Sample Cups, Cleaning Solvent Concentrate, Cleaning Sheet (Laminated) and Manual Pump, Power Cord, and User's Manual.

- Fat calibrated to fixed range (within +/- 1.0% fat): 0.3 - 9% (±0.06%) 9 - 14% (±0.08%).
- Solids Not Fat (SNF): 6-12% (±0.1%).
- Density: 1.0260-1.0330 g/cm3 (±0.0005 g/cm3).
- Protein calibrated to fixed range (within +/- 1.0% protein): 2 - 5% (±0.1%).
- Added water in milk: 2 - 60% (± 2%).
- Lactose: 3 - 7% (±2%).

Mfg Part #	Unit	Stock#	PRICE
LC-01RR	EA	785-3001	$4,195.00

LactiCheck™-02 RapiRead Milk Analyzer

This user friendly, affordable and automated system assays fat, solids, density, added water, lactose and protein composition at the push of a button, providing a complete milk composition profile in just 40 seconds. The LactiCheck LC-02 RR milk analyzer is based upon the latest advances in ultrasound spectrometric technology. All results can be sent directly to a computer using the Lacti-Log™ Recording System, facilitating transparency of data.

Ideal for process environments, LactiCheck results can be used in conjunction with other classical methods of milk composition analysis on the farm and in the lab to consistently analyze milk throughout the supply chain. The LC-02 RapiRead™ is shipped complete with: Lacti-Cal™ Controls, Sample Cups, Cleaning Solvent Concentrate, Cleaning Sheet (Laminated) and Manual Pump, Power Cord, and User's Manual.

- Fat calibrated to fixed range (within +/- 1.0% fat): 0.3 - 9% (±0.06%) 9 - 14% (±0.08%).
- Solids Not Fat (SNF): 6-12% (±0.1%).
- Density: 1.0260-1.0330 g/cm3 (±0.0005 g/cm3).
- Protein calibrated to fixed range (within +/- 1.0% protein): 2 - 5% (±0.1%).
- Added water in milk: 2 - 60% (± 2%).
- Lactose: 3 - 7% (±2%).

Mfg Part #	Unit	Stock#	PRICE
LC-02RR	EA	785-3002	$5,000.00

LactiLog™ Automated Recording/Reporting System Software

An efficient and straightforward solution to both data collection and reporting needs. Providing a total system to automating data transfer, LactiLog consists of self-installing software that is custom designed for the unique reporting needs of the dairy industry.

Bar code compatible, the innovative system is readily integrated with MS Excel® and most other spreadsheet programs for ease in archiving, analyzing and reporting.

- Simple "plug and play" installation. Connect the provided cable to your PC and to the Lacti-Check™ - test recording begins automatically.
- Easy access, user configurable "suppliers" list for customized reporting needs.
- Barcode compatible.
- Tamper-proof data recording - integrity of data is preserved through an encrypted file format.
- User sort by "supplier" or "date".
- Simple data transfer to MS Excel® by comma delimited (.csv) file for further analysis.
- Hardware Requirements: Pentium or higher, 20 MB free space on hard-drive, RS-232 output outlet*, CD reading capabilities (built-in or auxiliary) *An RS-232 to USB converter can be provided.
- Software Requirements: Windows 98, 2000, ME, XP, Vista, Windows 7 to Windows 10.

Mfg Part #	Accommodates	Unit	Stock#	PRICE
60R005	LactiCheck Milk Analyzer(s)	EA	785-3003	$175.00

Call Customer Service at 800-826-8302

MULTI-COMPONENT TESTING & SUPPLIES

LactiCheck™ Milk Analyzer Supplies

Ensure you protect your investment with proper cleaning and maintenance materials. Enjoy the convenience of these long-life, shelf-stable calibration controls. Optimize sample preparation with the LactiPrep™ Automated Rocker. Digitize your data capture to facilitate greater transparency, opening access to critical data info at the push of a button with the LactiLog™ Data Recording/Reporting System.

Mfg Part #	Item Description	Pkg	Unit	Stock#	PRICE
40D201	Starter Kit for LactiCheck™ Milk Analyzer	96 Sample Vials, 2 pkg Cleaning Concentrate	KT	785-3112	$35.00
70L009	LactiCal™-1	230 mL	EA	785-3109	$14.00
70L010	LactiCal™-2	230 mL	EA	785-3110	$14.00
70L011	LactiCal™-3	230 mL	EA	785-3111	$14.00
70L005	Protein Cleaning Solute Concentrate	250 mL	BO	785-3113	$9.00
70L006	Protein Cleaning Solute Concentrate	250 mL/ea, 12/ca	CA	785-3114	$99.00
LR-01	LactiPrep™ Sample Rocker	48 Vial Capacity	EA	785-3107	$525.00
97E015	USB to RS-232 Cable (LactiLog™ and CheeseCrafter®)	-	EA	785-3105	$58.80
32D202	Thermal Paper for LactiPrint™ for LP-02	3 Rolls/bx	BX	785-3117	$14.00
60M019	LactiCheck™ Manual Cleaning Pump	-	EA	785-3115	$38.00
93E203	Fuse Kit	2 Fuses/kt	KT	785-3116	$20.00
LT-01	LactiTote™	-	EA	785-3106	$48.00
97 E 201	DC Power Cord	-	EA	785-3108	$23.00

PHOSPHATE TESTING

Fluorophos® Test System

Eliminate subjective measurements of pasteurization by using the Fluorophos Alkaline Phosphatase (ALP) Test System. Use with milk (refer to FDA 2400 Series Method) and with juices (ACP). The FLM200 Fluorophos Test System takes the phosphatase test to its highest level by yielding quantitative results. Also, it maximizes your production efficiency by serving as an early warning system for processing malfunctions, thereby reducing routine maintenance. Includes RS232C interface. Unit measures 12"L x 16"W x 6"H.

Note: Stock #222-3400 includes: ALP Starter Kit (100 tests), heater block, thermometer, thermal printer paper (2 rolls), and manual. Other required supplies and accessories are listed and sold separately.

Recognized in 2007 PMO as an approved test for Grade A milk.

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
FLM200	Fluorophos ALP/ACP Test System		EA	222-3400	$5,906.25
Required Supplies and Accessories					
FLA835	Thermal printer paper	5 rolls/pk	PK	222-3405	$58.77
FLA802	20 Sample incubator, 115V		EA	222-3410	$1,449.52
FLA810	Incubator thermometer		EA	222-3411	$79.17
FLA865	25 µL Pipet		EA	222-3412	$346.88
FLA885	75 µL Pipet		EA	222-3413	$341.88
FLA880	25-75 µL Pipet tips	100/bg	BG	222-3414	$107.96
FLA020	Fluorophos cuvettes, disposable	250/pk	PK	222-3020	$119.96
FLA005	Fluorophos cheese buffer		EA	222-3160	$72.17
ACM205	2 mL Pipet tips	25/pk	PK	222-3205	$9.33
Reagents, Controls, Calibrators					
FLA225	ALP 225-Test kit with cuvettes		KT	222-3401	$531.82
FLA224	Substrate & buffer w/o cuvettes	2 btls/pk	PK	222-3161	$486.43
FLA250	ALP Three calibrator set	30 mL/bo, 3 bo/set	ST	222-3402	$152.95
FLA260	ALP Phosphacheck controls	3 mL/btl, 9 btl/pk	PK	222-3403	$152.95
FLA280	ALP Daily instrument control	30 mL/btl, 3 btl/kt	KT	222-3404	$152.95

Prices subject to change.

UDY Protein Analysis System

Accurate, Economical Protein Testing

One of the best kept secrets in dairy and food testing, the UDY System offers the premier value in protein testing. The UDY Protein Analysis System is one of the most versatile and reliable methods of rapid protein analysis available to the food industry. This proven method is suitable for a wide range of food products: fluid milk (AOAC approved), other dairy products, meat products, grains, whey, ultra-filtration products, and casein.

Two UDY units are available. The versatile Colorimeter may be calibrated in-house to test multiple parameters of over 40 products. The economical Dairy Tester can be pre-set with up to four calibrations to test for protein in products selected by the user. Both set-ups include basic accessory items, but for most testing applications additional components are needed. Each unit can be set for up to 4 applications.

Udy Dairy Tester and Colorimeter include: instruction manual, flow through cuvet, drain bottle with tubing, power supply, and 2 bottles w/dropper cap (125 mL each).

If you're interested in protein measurement, please call 800/826-8302 for further information. Let us know the product you wish to test, the number of samples per day, and any special requirements you may have…and we'll recommend a system for you.

Mfg Part #	Description	Unit	Stock#	PRICE
5010-010	Dairy Tester	EA	395-3300	$2,790.00
5110-010	Colorimeter	EA	695-3301	$2,790.00
Components & Supplies				
30-0703	Buret assembly, complete	EA	695-3043	$520.00
30-0701	Calibrated carboy, 10 L	EA	695-3041	$184.00
30-0522	Citric acid fixative, 1 Kg (for meat applications)	EA	695-3017	$42.00
30-0519	Cuvet cleanser powder, 250 mL/btl	EA	695-3014	$23.00
30-0741	Dispenser, 40 mL with 4 L carboy	EA	695-3992	$709.00
30-0708	Dispensing carboy assembly, 4 L	EA	695-3039	$142.00
30-0700	Dispensing carboy assembly, 20 L	EA	695-3040	$184.00
30-0520	Filter discs, 19 mm, 150/tube	TB	695-3015	$23.00
30-0509	Milk protein check sample, 250 mL/btl	BO	695-3031	$34.00
30-0536	Octyl alcohol, 60 mL (for meat applications)	BO	695-3020	$26.00
30-0601	Reagent dye concentrate w/o acetic acid, 1 L/btl	BO	695-3028	60.00
30-0624	Reagent dye solution, 1 gal/btl, 4 gal/ca	CA	695-3035	$169.00
30-0605	Reference dye concentrate, 50 mL/btl	BO	695-3030	$32.00
30-0627	Reference dye solution, 1 qt/btl	BO	695-3133	$28.00
35-0503	Sample bottle w/cap, 60 mL	EA	695-3113	$5.00
35-0502	Sample bottle w/cap, 240 mL	EA	695-3112	$9.00
30-0204	Shaker tray/drying rack	EA	695-3010	$66.00
30-0705	Support assembly for 4 L carboy	EA	695-3046	$152.00
30-0705	Support assembly for 20 L carboy	EA	695-3045	$152.00
30-0539	Udy-pol preservative, 1 qt/btl	BO	695-3012	$121.00
30-0537	Udy-pol preservative, 240 mL/btl	BO	695-3013	$60.00
35-0527	Volumetric flask, 240 mL	EA	695-3527	$185.00
35-0126	Sample bottle, 125 mL, w/solid & dripper cap	EA	695-3990	$6.00
Replacement Parts				
30-0100	Cuvet	EA	695-3210	$245.00
27F656	Fuses, 1 amp, 5/pk	PK	695-3175	$5.49
30-0704	Stopcock and tubing for buret	EA	695-3042	$289.00

AUTOCLAVES & ACCESSORIES

Tuttnauer Economical Analog Sterilizers

Tuttnauer benchtop sterilizers provide a fast, safe, dependable, and convenient means of sterilizing liquids, media, instruments, glassware, clothing, and waste. These economical, manually operated models feature analog controls and gauges for simple operation. The self-contained design eliminates external plumbing and hardwiring for easy installation.

Product features include 60-minute cycle timer, temperature selection from 100 to 134°C (212 to 273°F) with a combination pressure and temperature gauge peak indicator. The 316 L stainless steel chamber ensures long-lasting reliability, durability and high corrosion resistance. The large capacity reservoir provides an ample water supply to avoid frequent fill-ups and the water drain is conveniently located on top to allow for quick and easy cleaning of the reservoir. One-year warranty.

Chamber Volume	Chamber Dimensions	# of SS Trays	Voltage	Wt	Unit	Stock#	PRICE
19L	9"dia x 18"deep	3	120V	80	EA	329-3001	$5,063.50
23L	10"dia x 18"deep	4	120V	110	EA	329-3002	$5,863.00
34.4L	12.2"dia x 18.5"deep	2	220V	156	EA	329-3003	$9,152.00
84L	15"dia x 27"deep	2	220V	225	EA	329-3004	$17,222.40

Tuttnauer Electronic Sterilizers

Tuttnauer benchtop sterilizers provide a fast, safe, dependable, and convenient means of sterilizing liquids, media, instruments, glassware, clothing, and waste. Every stage of the cycle, including water-fill, heating, sterilization, exhaust and drying, is microprocessor-controlled and completely automatic with these electronic models.

The digital display continuously shows you temperature, pressure and running time. Four fully adjustable, single-button programs make these sterilizers easy to use and ensure reproducible runs. The hand battery backup ensures that all parameter setting and controls are retained in the event of a power failure. The self-contained design eliminates external plumbing and hardwiring for easy installation.

Product features sterilization time to 59 minutes, temperature selection from 105 to 137°C (221 to 279°F), in-line particle filter to protect valves, electronic pressure and temperature sensors, low-water alarm sounds when reservoir needs to be refilled, standby heating keeps chamber warm for quicker cycles. The 316 L stainless steel chamber ensures long-lasting reliability, durability and high-corrosion resistance. The large-capacity reservoir provides an ample water supply to avoid frequent fill-ups and the water drain is conveniently located on top to allow for quick and easy cleaning of the reservoir. One-year warranty.

Chamber Volume	Chamber Dimensions	# of SS Trays	Voltage	Wt	Unit	Stock#	PRICE
19L	9"dia x 18"deep	3	120V	80	EA	329-3011	$6,275.10
23L	10"dia x 18"deep	4	120V	87	EA	329-3012	$6,966.70
34.4L	12.2"dia x 18.5"deep	2	220V	154	EA	329-3013	$9,811.10
84L	15"dia x 27"deep	2	220V	225	EA	329-3014	$19,873.10

About our Repair Service

Nelson-Jameson offers repairs on dozens of parts and equipment you use every day! The savings when repairing process control, electronic and other equipment over purchasing new is substantial. Call for information and availability.

Check out our list of repairable items below and call us for an estimate:

PROCESS CONTROL	SELECT ELECTRONICS	OTHER EQUIPMENT
Valves & Pumps	pH Meters	Curd Knives
Valve Stems	Cryoscopes	Sam Gray Gold Electrodes
Impellers	Chloride Analyzers	Hose Assemblies
Check Balls	Time Clocks	Syringes
Thermometers	Balances	Pipettors
Vacuum & Pressure Gauges	Conductivity Meters	Refractometers
Homogenizer Gauges	Hot Plates	Weight Recertification
Tri-Clover Parts	Digital Thermometers	Thermometer Recertification
Recorders	Moisture Balances	
Controllers	Vacuum Ovens	
Stainless Products	Air Samplers	*If you have a repair need,*
Pasteurizer Plates	Immersion Heaters/Circulators	*but do not see it listed,*
Process pH Probes		*please call us and we may*
Transducers		*be able to help!*

Prices subject to change.

Tuttnauer Electronic Sterilizers with Built-in Printer

EP models help you meet GLP documentation requirements. These sterilizers have a built-in printer that provides a printed summary at the end of each cycle, documenting temperature, elapsed drying and sterilization times, selected cycle, cycle number, real time and date, as well as any errors or interruptions that may have occurred during the cycle. The digital display continuously shows you temperature, pressure and running time. Four fully adjustable, single-button programs make these sterilizers easy to use and ensure reproducible runs. The hand battery backup ensures that all parameter setting and controls are retained in the event of a power failure. The self-contained design eliminates external plumbing and hardwiring for easy installation.

Product features sterilization time to 59 minutes, temperature selection from 105 to 137°C (221 to 279°F), in-line particle filter to protect valves, electronic pressure and temperature sensors, low-water alarm sounds when reservoir needs to be refilled, standby heating keeps chamber warm for quicker cycles. The 316 L stainless steel chamber ensures long-lasting reliability, durability and high-corrosion resistance. The large-capacity reservoir provides an ample water supply to avoid frequent fill-ups and the water drain is conveniently located on top to allow for quick and easy cleaning of the reservoir. One-year warranty.

Chamber Volume	Chamber Dimensions	# of SS Trays	Voltage	Description	Wt	Unit	Stock#	PRICE
19L	9"dia x 18" deep	3	120V		80	EA	329-3021	$6,789.90
23L	10"dia x 18"deep	4	120V		120	EA	329-3022	$7,485.40
34.4L	12.2"dia x 18.5"deep	2	220V		156	EA	090-3559	$10,372.70
84L	15"dia x 27"deep	2	220V		238	EA	329-3024	$19,991.40
				Printer Paper, 5 rolls/pk		PK	090-3220	$56.00

Tuttnauer Sterilizer Door Gaskets

Door gaskets for Tuttnauer Sterilizers.

Mfg Part #	Door Gasket for	Unit	Stock#	PRICE
023213206	Tuttnauer 2340 models	EA	329-3101	$132.00
023213257	Tuttnauer 2540 models	EA	329-3102	$136.00
023212986	Tuttnauer 3545 models	EA	329-3103	$176.00
023213273	Tuttnauer 3850 & 3870 models	EA	329-3104	$250.67

Sterilmatic® Electric Sterilizers

Developed to meet the need for a compact, automatic, low-cost steam pressure sterilizer. Features include front-mounted controls with 60-minute timer, fast preheat (achieves sterilizing temperature in 8 to 10 minutes from cold start), automatic door lock, low-water cut off, polished stainless steel exterior. 3 cu.ft., 208/240V single or three phase. Chamber size: 16" diameter x 26" deep. Fixed temperature model heats to 121°C. Adjustable lab model heats from 110°C to 121°C. Order perforated tray and stand separately. (Ask us about an optional exhaust condenser that can be used to condense steam when unit cannot be connected to an outside vent.)

Mfg. Part #	Description	Wt	Unit	Stock#	PRICE
STME	Sterilmatic, fixed temp	150	EA	156-3460	$12,510.00
STME-L	Sterilmatic, lab model adjustable temp	150	EA	156-3461	$12,870.00
Parts					
10-2666	Door gasket		EA	268-3017	$49.98
10-9268	Temperature gauge		EA	268-3268	$211.95
91-2718	Door lift springs, left and right		PR	268-3718	$41.33

Call Customer Service at 800-826-8302

AUTOCLAVES & ACCESSORIES

Economy ALL-AMERICAN® Sterilizers

The electric ALL-AMERICAN Sterilizer is a complete, self-contained unit with an immersion heating element, automatic thermostatic control, automatic release valve, and pilot light. It connects to any outlet, is ready to use instantly and ensures complete, efficient sterilization. Unit includes an aluminum inner container with rack. 120V. Made in USA. One-year warranty.

Mfg Part #	Gross Capacity	Element Wattage	Inside Dimensions	Inner Container Dimensions	Wt	Unit	Stock#	PRICE
50X-120V	25-qt	1650 Watts	12¼"H x 12⅝"D	8½"H x 11⅛"D	34	EA	017-3015	$726.21
75X-120V	41-qt	1650 Watts	14¼"H x 15¼"D	10¼"H x 14"D	52	EA	017-3020	$919.58

3M™ Attest™ Biological Indicator

Biological indicators (BI) provide the best assurance of sterility by challenging the sterilizer with quantifiable, highly resistant spores. Biological indicators are used for load control monitoring which is the process by which a load is monitored and released based on the result of a biological indicator in a test pack.

The self-contained BI for 121°C (250°F) gravity air displacement steam cycles consist of a Bacillus stearothermophilus spore strip; sealed glass ampule with growth medium and a bromocresol purple pH indicator system; brown color-coded cap with holes for sterilant penetration and a hydrophobic filter as a bacterial barrier, and a chemical indicator on the label that changes from rose to brown when processed. After sterilization, the vial is "crushed" to add the growth media to the processed spore strip. The BI is incubated for 48 hours for a visual change readout. A color change to yellow indicates surviving spores and a positive result.

Description	Pkg	Unit	Stock#	PRICE
Biological indicator	100/ca	CA	460-3262	$279.51
Incubator - operates at 56C-120V	--	EA	460-3263	$156.57

Harvey B/T Sure Biological Indicators

Easily monitor the effectiveness of your steam sterilizer by verifying the sterility of your instruments, vials, media, liquid cycles and other products in less time than it takes to send samples to an outside lab. Run a B/T Sure Biological Indicator through a standard sterilization cycle, compress the plastic vial to break the glass ampule, then incubate for 48 hours. Obvious color change from purple to yellow indicates an ineffective sterilation process. Data meets FDA criteria after 48 hours incubation.

Description	Pkg	Unit	Stock#	PRICE
Spore population Log 5	5 vials/bx	BX	662-3591	$32.54
Spore population Log 5	100 vials/bx	BX	662-3593	$453.88
Multi-block heater		EA	038-3061	$372.60
Heater block, 24 well		EA	038-3071	$37.54

Mesa Labs Culture Test

Test efficiency of steam, dry heat, or gas sterilization procedures with one convenient spore strip. The spore strips contain Bacillus stearothermophilus and Bacillus subtilis var. niger spores. After sterilization, the strips are removed from their glassine envelopes and placed in the sterile tubes containing 6.5 mL of modified soybean casein broth media. The media turns from red to yellow if growth occurs, indicating a positive result.

Description	Pkg	Unit	Stock#	PRICE
Complete kit	25/bx	BX	458-3005	$167.57

Prices subject to change.

Mesa Labs ProSpore and ProSpore2 Biological Indicators

At last…a reliable indicator which tests your autoclave for sterilization. Get more reliable and valid test results with Raven's biological indicators. Safe and easy-to-use self-contained biological indicator consisting of G. stearo-thermophilus and bromocresol purple pH indicator. Both indicators provide results after 48 hours incubation and are FDA-approved.

- ProSpore is available in a glass ampule which is completely submersible. Can be used for all cycles.
- ProSpore2 available in a plastic tube. After sterilization process, top of tube should be sealed by depressing cap and crushing media ampule with tool provided. Does not require refrigeration. Recommended not to be used in liquid sterilization cycle.

Description	Pkg	Unit	Stock#	PRICE
ProSpore				
Log 4 Spore Population	10/pk	PK	458-3009	$40.67
Log 5 Spore Population	10/pk	PK	458-3010	$40.67
ProSpore2				
Log 5 Spore Population	50/pk	PK	458-3021	$150.65

Mesa Labs ProSpore Incubator

For use with ProSpore biological indicators. Removable, clear polycarbonate 11-well rack which allows full viewing of all units at a glance for ProSpore 4 mL ampules. Reaches a temperature of 55°C. 120V. UL compliant.

Unit	Stock#	PRICE
EA	458-3055	$545.03

Clavies® Autoclavable Bags

For maximum protection and convenience when disposing of biohazard wastes, choose Clavies transparent, autoclavable bags. Made of .05mm (.22″) thick polypropylene. Steam autoclavable at 121°C (250°F). Bags do not have warning label. Clear.

Size	Pkg	Unit	Stock#	PRICE
8" x 10"	100/pk	PK	010-3200	$43.16
8" x 12"	100/pk	PK	010-3201	$48.28
10" x 15"	100/pk	PK	010-3205	$61.32
12" x 24"	100/pk	PK	010-3206	$67.32
24" x 30"	100/pk	PK	010-3207	$154.95

Biohazard Disposal Bags & Clips

For an economical solution to biohazard waste disposal, use Bel-Art Scienceware® Biohazard Disposal Bags which can be autoclaved at 121°C or 135°C and discarded. Red bags are autoclavable at 121°C and clear bags at 135°C. The bags are .03 mm (.0012″) thick and made from material which meets or exceeds the dart-impact test requirement of 165 grams per ASTM D1709-98. The sterilization patch darkens when subjected to steam sterilization. The bags are printed with the standard biohazard warning symbol and precautionary procedures in four languages: English, German, French, and Spanish.

Size	Pkg	Unit	Stock#	PRICE
Red				
8½" x 11"	100/pk	PK	010-3166	$18.36
8½" x 11"	1000/pk	PK	155-3016	$163.31
Clear				
12" x 24"	100/pk	PK	155-3018	$51.07
24″ x 30″	100/pk	PK	373-3390	$128.30
24″ x 36″	100/pk	PK	373-3391	$138.19
Bag Clips (internal dimension of the clip is 7/8″)				
--	100/bg	BG	010-3190	$16.88

Biohazard Bag Holders

Economical and convenient, use these frames to hold a variety of bag sizes - just right for collecting pipette tips, microcentrifuge tubes and more. Steel wire holders are coated in durable biohazard orange epoxy. Use plastic bag clips to secure gathered top of bags.

Description	Unit	Stock#	PRICE
Holder for 8½″ x 11″ bag	EA	010-3363	$23.31
Round holder for 12″ x 24″ bag	EA	155-3019	$68.04
Round holder for 24″ x 30″ bag	EA	373-3392	$71.42
Round holder for 24" x 36" bag	EA	373-3393	$74.65

Call Customer Service at 800-826-8302

AUTOCLAVES & ACCESSORIES

Self-Adhesive Waste Bags Cleanware™

Disposable, autoclavable waste bags free bench space when hung from walls, cabinets or virtually anywhere. Simply peel off the backing on the adhesive strips across the top and hang close to your work area. The back panel is longer than the front for easy opening. 1.0 mil white bags are made of high molecular weight high density polyethylene. Autoclavable at 121°C. Pass ASTM 1709 Dart Impact and ASTM 1922 Tear Resistance Test. Maximum weight should not exceed 3 lbs. 50/pack.

Size	Unit	Stock#	PRICE
8" x 10"	PK	010-3035	$17.91
12" x 16"	PK	010-3036	$30.11

Chamber Brite Autoclave Cleaner

Use these convenient, pre-measured packets as a fast and effective way to clean and descale steam sterilizers including the chamber, reservoir and tubing. 10 packs/box.

Unit	Stock#	PRICE
BX	090-3560	$105.33

Autoclave Chamber Cleaner & Kit

Remove mineral deposits and organic salts with a cleaner that optimizes autoclave function and extends operating life.

- Chamber cleaner comes in 1 pint dispenser-topped bottles.
- Cleaning kit includes: 1 pint chamber cleaner, 1 pint metal polish and 6 cleaning pads.

Description	Unit	Stock#	PRICE
Chamber cleaner	EA	662-3102	$19.65
Cleaning kit	KT	662-3301	$59.39

Scienceware® Odo-Clave® Autoclave Deodorant Pads

Deodorant impregnated pads neutralize autoclave odors during cycle. Neat and easy to handle. Simply unwrap and place a pad in each bag prior to autoclaving. The protective cover melts during cycle, allowing deodorant to be heat activated. Pads are 1-1/4″ square. 10 pads/bag. 10 bags/box.

Scent	Unit	Stock#	PRICE
Cherry	BX	010-3041	$82.89
Clove	BX	010-3040	$82.89
Lemon	BX	010-3043	$82.89
Pine	BX	010-3042	$82.89

Scienceware® Hot Hand™ Protector

Provides superior protection when handling hot or cold objects. Withstands temperatures up to 260°C and as low as -57°C. Made of silicone rubber. Thumb and fingers fit into end pockets. 3-7/8″ x 7-1/2″.
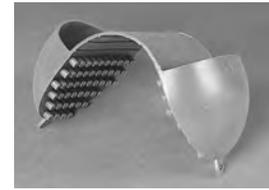
Unit	Stock#	PRICE
EA	010-3005	$18.90

Scienceware® Clavies® Autoclave Gloves

Soft, pliant, all-cotton terrycloth gloves are excellent for handling hot objects. Heat resistant up to 232°C (450°F), they replace hazardous asbestos gloves. Gauntlets in two lengths provide wrist and forearm protection.

Length	Unit	Stock#	PRICE
13"	PR	010-3001	$29.38
18.5"	PR	010-3002	$40.00

Autoclave Pouches

Made of paper on one side and plastic on the other. The tough plastic material prevents puncturing of pouch by instruments. The heat-sensitive bar indicates completed sterilization of items. Packaged in self-dispensing boxes for quick, easy use. 250/box.

O.D.	I.D.	Unit	Stock#	PRICE
3" x 8"	2.0" x 6.5"	BX	716-3001	$46.16
5" x 10"	4.5" x 8.5"	BX	716-7012	$63.43
7" x 12"	6.5" x 10.5"	BX	716-7024	$93.16

Sterilization Indicator Tape
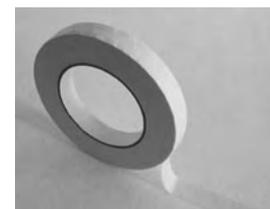
Changes from white to white with black bars after exposure to sterilization reaches 121°C. 3/4″ x 60 yard roll.

Unit	Stock#	PRICE
RL	458-3300	$5.41

Prices subject to change.

A&D Orion™ Series Analytical Balances

Orion Series balances provide many remarkable features at affordable prices. These easy-to-use analytical balances are durable, adapt to your environment, and provide great flexibility and resolution. Easy to operate, features include a liquid crystal display and RS-232C bi-directional interface. Large weighing chamber holds up to a 250 mL volumetric flask. External calibration. GLP/LIMS/ISO compliant. Rechargeable battery pack option (order separately). 5-year warranty.

- Model HR-60C, HR-120C & HR-200C include manual, AC adapter and protective cover.
- Model HR-300i includes WinCT software, manual and AC adapter.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
HR-60C	60 g	0.1 mg	3.3″ dia	EA	008-3006	$1,762.19
HR-120C	120 g	0.1 mg	3.3″ dia	EA	008-3120	$2,143.80
HR-200C	210 g	0.1 mg	3.3″ dia	EA	008-3320	$2,298.15
HR-300i	320 g	0.1 mg	3.6″ dia	EA	008-3330	$3,588.72

Ohaus® Explorer® Analytical Balances

The Ohaus Explorer Analytical Balance's modular design features a color touch display that can be separated from the weighing base as well as a motorized draft shield that can be operated with use of the touchless sensors. The large touch-screen display, icon-driven application software that features 14 unique application modes and an adjustable angle display make the Explorer the most advanced balance in its class. It offers optimized linearity and repeatability specifications, enhanced vibration filtering for better balance stability, as well as AutoCal™ automatic internal calibration to improve accuracy. Built-in RS232 & USB ports. AC adapter included. All models have the option of being NIST certified, contact one of our lab specialists for details. 2-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
Models with Manual Door						
EX124	120 g	0.1 mg	3.5″ dia	EA	500-3361	$3,123.75
EX224	220 g	0.1 mg	3.5″ dia	EA	500-3363	$3,480.75
EX324	320 g	0.1 mg	3.5″ dia	EA	500-3365	$4,105.50
Models with Automatic Door						
EX124/AD	120 g	0.1 mg	3.5″ dia	EA	500-3362	$4,373.25
EX224/AD	220 g	0.1 mg	3.5″ dia	EA	500-3364	$4,730.25
EX324/AD	320 g	0.1 mg	3.5″ dia	EA	500-3366	$5,265.75

Ohaus® Adventurer® Analytical Balances

Incorporate all of the applications necessary for routine weighing and measurement activities with the Ohaus Adventurer. With a color touchscreen, GLP/GMP compliance capabilities, two USB ports, and much more, Adventurer is the most complete balance in its class. The wide-viewing angle color touchscreen provides access to all of Adventurer's applications, while dual USB ports with GLP/GMP tracking capabilities assist in the monitoring and reporting of data. The two piece, top-mounted draftshield doors reduce the footprint of the doors in the rear of the balance when open, and open wide on both sides in order to provide ample room to place samples. Fast stabilization and reliable operation are enhanced by the AutoCal™ option to ensure solid weighing performance and accurate, repeatable results for standard laboratory applications. 2-year warranty.

Construction: Metal base, ABS top housing, stainless steel pan, glass draftshield with two piece top mounted side doors and sliding top door (select models), illuminated up-front level indicator, integral weigh below hook, security bracket, calibration lock, and full housing in use cover.

Communication: RS232, USB host, USB device (included). GLP/GMP data output with real time clock. AC adapter included.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
AX124	120 g	0.1 mg	3.5″ round	EA	500-3600	$2,550.00
AX224	220 g	0.1 mg	3.5″ round	EA	500-3602	$2,805.00
AX324	320 g	0.1 mg	3.5″ round	EA	500-3604	$3,151.80

Call Customer Service at 800-826-8302

BALANCES

A&D Galaxy™ Series Compact Analytical Balances

The A&D Galaxy Series of balances are entry-level compact analytical balances with shatterproof, anti-static draft shields. The rotary doors give Galaxy balances the smallest footprint in an A&D analytical balance with 0.1 mg readability. Features a reverse back-lit display, underhook capability, RS-232C, and WinCT software. The HR-A models have external calibration and the HR-AZ models have internal calibration. GLP/LIMS/GCP/ISO compliant. 5-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
HR-100A	102 g	0.1 mg	3.6" dia	EA	008-3150	$1,539.24
HR-150A	152 g	0.1 mg	3.6" dia	EA	008-3151	$1,646.43
HR-250A	252 g	0.1 mg	3.6" dia	EA	008-3152	$1,787.92
HR-100AZ	102 g	0.1 mg	3.6" dia	EA	008-3153	$1,920.84
HR-150AZ	152 g	0.1 mg	3.6" dia	EA	008-3154	$2,015.17
HR-250AZ	252 g	0.1 mg	3.6" dia	EA	008-3155	$2,190.96

METTLER TOLEDO Excellence XSE Analytical Balances

Exceptional weighing performance, quality assurance and excellent ergonomics, make the Excellence XSE Analytical Balances the perfect workhorse solutions for a multitude of workplaces. The innovative StatusLight™ takes the worry out of weighing. The clearly visible green light lets you know when it's safe to start - all tests are up-to-date and the balance is level and functioning correctly. Also features an improved SmartGrid weighing pan, unique ErgoClips and new static elimination technology. With a wide range of accessories available and multiple connectivity options, XSE balances open up a world of opportunities for different weighing applications. All models have a built-in RS232 interface.

Model	Capacity	Readability	Unit	Stock#	PRICE
XSE104	120 g	0.1 mg	EA	340-3120	$5,778.30
XSE204	220 g	0.1 mg	EA	340-3121	$6,750.70

METTLER TOLEDO NewClassic ML-T Balances

With a high-performance weighing cell, integrated security features and user guidance, ML-T balances give you confidence in your results. The 4.5" color touchscreen is operable through cotton, silicone and latex gloves. An intuitive user interface and large digits bring comfort to your daily tasks. The built-in LevelControl function issues a warning when the balance is not level and provides onscreen guidance to help you level the balance correctly within seconds. The MinWeigh function allows the weight value to remain red until the net sample is above the pre-programmed minimum value. A user-defined minimum weight can also be programmed into the balance to provide an additional safety factor. Models with readability of 0.1-1 mg include draft shield. Unlimited connectivity thanks to USB Host, USB Device, RS232 and optional Bluetooth. The built-in PC Direct function allows for easy data transfer without additional PC software.

MT Model	Capacity	Readability	Pan Size	Draft Shield	Unit	Stock#	PRICE
Analytical Balances							
ML54T	52 g	0.1 mg	90 mm	Yes	EA	340-3921	$3,610.00
ML104T	120 g	0.1 mg	90 mm	Yes	EA	340-3922	$3,950.00
ML204T	220 g	0.1 mg	90 mm	Yes	EA	340-3923	$4,510.00
ML304T	320 g	0.1 mg	90 mm	Yes	EA	340-3924	$5,120.00
Precision Balances							
ML203T	220 g	1.0 mg	120 mm	Yes	EA	340-3925	$2,570.00
ML303T	320 g	1.0 mg	120 mm	Yes	EA	340-3926	$2,700.00
ML503T	520 g	1.0 mg	120 mm	Yes	EA	340-3927	$3,190.00
ML802T	820 g	0.01 g	170 x 190 mm	No	EA	340-3928	$2,160.00
ML1602T	1620 g	0.01 g	171 x 190 mm	No	EA	340-3929	$2,430.00
ML3002T	3200 g	0.01 g	172 x 190 mm	No	EA	340-3930	$2,850.00
ML4002T	4200 g	0.01 g	173 x 190 mm	No	EA	340-3932	$3,010.00
ML6002T	6200 g	0.01 g	174 x 190 mm	No	EA	340-3935	$3,510.00
ML3001T	3200 g	0.1 g	175 x 190 mm	No	EA	340-3933	$2,360.00
ML6001T	6200 g	0.1 g	176 x 190 mm	No	EA	340-3934	$2,620.00

Prices subject to change.

BALANCES

Ohaus® Adventurer® Precision Balances

Incorporate all of the applications necessary for routine weighing and measurement activities with the Ohaus Adventurer. With a color touchscreen, GLP/GMP compliance capabilities, two USB ports, and much more, Adventurer is the most complete balance in its class. The wide-viewing angle color touchscreen provides access to all of Adventurer's applications, while dual USB ports with GLP/GMP tracking capabilities assist in the monitoring and reporting of data. The two piece, top-mounted draftshield doors reduce the footprint of the doors in the rear of the balance when open, and open wide on both sides in order to provide ample room to place samples. Fast stabilization and reliable operation are enhanced by the AutoCal™ option to ensure solid weighing performance and accurate, repeatable results for standard laboratory applications. 2-year warranty.

Construction: Metal base, ABS top housing, stainless steel pan, glass draftshield with two piece top mounted side doors and sliding top door (select models), illuminated up-front level indicator, integral weigh below hook, security bracket, calibration lock, and full housing in use cover.

Communication: RS232, USB host, USB device (included). GLP/GMP data output with real time clock. AC adapter included.

Model	Capacity	Readability	Pan Size	Draft Shield	Unit	Stock#	PRICE
AX223	220 g	1 mg	5.1" round	Yes	EA	500-3630	$1,488.35
AX423	420 g	1 mg	5.1" round	Yes	EA	500-3631	$1,751.00
AX523	520 g	1 mg	5.1" round	Yes	EA	500-3632	$2,013.65
AX1502	1520 g	0.01 g	7.7" x 6.9"	No	EA	500-3634	$1,488.35
AX2202	2200 g	0.01 g	7.7" x 6.9"	No	EA	500-3635	$1,663.45
AX4202	4200 g	0.01 g	7.7" x 6.9"	No	EA	500-3636	$1,926.10
AX5202	5200 g	0.01 g	7.7" x 6.9"	No	EA	500-3637	$2,101.20

A&D Weighing Static Eliminator

A DC power-operated device which incorporates a high-voltage power source and eliminates static electricity from charged objects without the need of an external high-voltage power source.

Model	Unit	Stock#	PRICE
AD-1683	EA	008-3801	$1,171.97

A&D Weighing Balance Slab

Made of natural cut Kasota stone quarried in Southern Minnesota. This stone has the density and vibration damping properties for most applications.

Model	Dimensions	Wt	Unit	Stock#	PRICE
BT-3136	20" x 15" x 3"	102	EA	008-3802	$565.00

Ohaus® Pioneer® Precision Balances

Designed for basic routine weighing in a variety of laboratory, industrial, and educational applications. With the right combination of performance and features, the Ohaus Pioneer offers uncomplicated performance for all your basic weighing needs. The up front level indicator is located right next to the display and allows the user to quickly make sure the balance is level prior to each use. Pioneer is designed with selectable environmental settings and three filter modes in order to ensure accurate operation in a variety of settings. AC adapter and RS232 communication included. 2-year warranty.

Construction: metal base, ABS housing, stainless steel pan, glass draftshield with sliding top door (select models), up front level indicator, integral weigh below hook, security bracket, calibration lock, full housing in use cover.

Model	Capacity	Readability	Pan Size	Draft Shield	Unit	Stock#	PRICE
PA163	160 g	1 mg	4.7" round	Yes	EA	500-3560	$859.35
PA323	320 g	1 mg	4.7" round	Yes	EA	500-3561	$1,003.00
PA523	520 g	1 mg	4.7" round	Yes	EA	500-3562	$1,195.10
PA1602	1600 g	0.01 g	7" round	No	EA	500-3563	$772.65
PA2202	2200 g	0.01 g	7" round	No	EA	500-3564	$907.80
PA3202	3200 g	0.01 g	7" round	No	EA	500-3565	$1,099.90
PA4202	4200 g	0.01 g	7" round	No	EA	500-3566	$1,242.70

Call Customer Service at 800-826-8302

BALANCES

A&D FX-i Series Toploader Balances

Eliminate the concern of damaging expensive lab equipment from product spills by using the world's first waterproof and dustproof 1 milligram (0.001 g) resolution balance. This balance from A&D has a miniaturized Super Hybrid Sensor (SHS) to achieve high precision while maintaining superior weighing functions. FX-iWP models are IP65-rated water/dustproof. Features include 1-second stabilization, shock absorber function to protect from overloads, multiple weighing & counting units, comparator & percent modes, Statistical Calculation Function (SCF), standard RS-232C. One milligram models include small breeze break (3.4″ high). Optional accessories include: USB port, ethernet interface, WinCT-Plus software, large breeze break (7.9″ high). GLP/GMP/GCP/ISO-compliant. 5-year warranty.

Model	Breeze Break	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
Water/Dustproof Models							
FX-120iWP	Yes	122 g	1.0 mg	5″	EA	008-3501	$1,273.41
FX-200iWP	Yes	220 g	1.0 mg	5″	EA	008-3502	$1,342.02
FX-300iWP	Yes	320 g	1.0 mg	5″	EA	008-3503	$1,432.06
FX-1200iWP	No	1220 g	0.01 g	6″	EA	008-3504	$1,269.13
FX-2000iWP	No	2200 g	0.01 g	6″	EA	008-3505	$1,342.02
FX-3000iWP	No	3200 g	0.01 g	6″	EA	008-3506	$1,427.77
Standard Models							
FX-120i	Yes	122 g	1.0 mg	5″	EA	008-3507	$866.09
FX-200i	Yes	220 g	1.0 mg	5″	EA	008-3508	$908.97
FX-300i	Yes	320 g	1.0 mg	5″	EA	008-3509	$934.70
FX-1200i	No	1220 g	0.01 g	6″	EA	008-3510	$866.09
FX-2000i	No	2200 g	0.01 g	6″	EA	008-3511	$908.97
FX-3000i	No	3200 g	0.01 g	6″	EA	008-3512	$934.70

Ohaus® Scout® Portable Balances

For precision comparable to larger, more expensive models, choose from these affordable Scout balances. Always prepared, these compact balances are as functional in the laboratory as in the field. Built to stringent Ohaus Standards, the rugged Scout is backed by a 2-year warranty on labor and parts. Ideal for laboratory and industrial applications, the Ohaus Scout comes in a slim, stackable design with large backlit LCD Screen. Features include superior overload protection, multiple weighing units and application modes. Geared for high performance in your facility with fast stabilization time and high resolution weighing results, these portable balances set a new standard in laboratory and industrial weighing. These new updated Scout models are also available with a large backlit LCD Screen or a large backlit LCD touchscreen. AC adaptor included, or use 4 AA batteries (not included).

Model	Capacity	Read-ability	Pan Size	Unit	Stock#	PRICE
Backlit LCD Screen						
SPX123	120 g	0.001 g	3.7″ Round	EA	501-3400	$488.72
SPX223	220 g	0.001 g	3.7″ Round	EA	501-3401	$546.94
SPX222	220 g	0.01 g	4.7″ Round	EA	501-3402	$358.34
SPX422	420 g	0.01 g	4.7″ Round	EA	501-3403	$501.84
SPX622	620 g	0.01 g	4.7″ Round	EA	501-3404	$587.12
SPX1202	1200 g	0.01 g	6.7″ x 5.5″	EA	501-3405	$670.76
SPX2202	2200 g	0.01 g	6.7″ x 5.5″	EA	501-3406	$754.40
SPX421	420 g	0.1 g	4.7″ Round	EA	501-3407	$197.62
SPX621	620 g	0.1 g	6.7″ x 5.5″	EA	501-3408	$291.92
SPX2201	2200 g	0.1 g	6.7″ x 5.5″	EA	501-3409	$369.00
SPX6201	6200 g	0.1 g	6.7″ x 5.5″	EA	501-3410	$609.26
SPX8200	8200 g	1 g	6.7″ x 5.5″	EA	501-3411	$305.86
Full Color Touch Screen						

Model	Capacity	Read-ability	Pan Size	Unit	Stock#	PRICE
STX123	120 g	0.001 g	3.7″ Round	EA	501-3412	$546.94
STX223	220 g	0.001 g	3.7″ Round	EA	501-3413	$612.54
STX222	220 g	0.01 g	4.7″ Round	EA	501-3414	$400.98
STX422	420 g	0.01 g	4.7″ Round	EA	501-3415	$561.70
STX622	620 g	0.01 g	4.7″ Round	EA	501-3416	$657.64
STX1202	1200 g	0.01 g	6.7″ x 5.5″	EA	501-3417	$751.12
STX2202	2200 g	0.01 g	6.7″ x 5.5″	EA	501-3418	$844.60
STX421	420 g	0.1 g	4.7″ Round	EA	501-3419	$226.32
STX621	620 g	0.1 g	6.7″ x 5.5″	EA	501-3420	$335.38
STX2201	2200 g	0.1 g	6.7″ x 5.5″	EA	501-3421	$423.94
STX6201	6200 g	0.1 g	6.7″ x 5.5″	EA	501-3422	$681.42
STX8200	8200 g	1 g	6.7″ x 5.5″	EA	501-3423	$351.78
Accessories						
RS232	RS232 Interface w/cable			EA	500-3232	$113.40

Prices subject to change.

Ohaus® Navigator® NV Portable Balances

The Navigator NV features touchless sensors that provide hands-free operation, a large LCD display, ultra-fast response time, and superior overload protection. With maximum capacities up to 5 kg, Navigator NV offers the best-in-class combination of features, versatility and performance that fit a wide range of industrial, food, and laboratory weighing applications. 1-year warranty.

• Construction features: ABS housing, stainless steel pan, illuminated up front level indicator, auto shut off, integral weigh below hook and shipping lock, security bracket, calibration lock, two touchless sensors.

• Operation: AC adapter included or 4 AA batteries (not included).

• Weighing modes: gram, kilogram, pound, ounce, pound:ounce, troy ounce, and pennyweight.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
NV212	210 g	0.01 g	4.7" round	EA	500-3330	$299.20
NV511	510 g	0.1 g	5.4" x 7.5"	EA	500-3331	$204.85
NV1101	1100 g	0.1 g	5.4" x 7.5"	EA	500-3332	$254.15
NV2101	2100 g	0.1 g	5.4" x 7.5"	EA	500-3334	$328.95
NV4101	4100 g	0.2 g	5.4" x 7.5"	EA	500-3335	$362.10
NV5101	5100 g	0.5 g	5.4" x 7.5"	EA	500-3336	$418.20

Ohaus® Navigator® XL Portable Balances

The Navigator XL has a winning combination of modern features, including touchless sensors that provide hands-free operation, a large LCD display, ultra-fast response time, optional rechargeable battery, a large weighing pan and superior overload protection. With maximum capacities up to 20kg, Navigator XL offers the best-in-class combination of features, versatility and performance that fit a wide range of industrial, food and laboratory weighing applications. 1-year warranty.

• Construction features: ABS housing, stainless steel pan, illuminated up front level indicator, auto shut off, integral weigh below hook and shipping lock, security bracket, calibration lock, two touchless sensors.

• Operation: AC adapter included or Internal Rechargeable Battery (optional) or 4 C batteries (not included).

• Weighing modes: gram, kilogram, pound, ounce, pound:ounce, troy ounce, and pennyweight.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
NVL511/1	510 g	0.1 g	7.6" x 8"	EA	500-3319	$459.85
NVL1101/1	1110 g	0.1 g	7.6" x 8"	EA	500-3320	$501.50
NVL2101/1	2100 g	0.1 g	7.6" x 8"	EA	500-3321	$576.00
NVL5101/1	5100 g	0.5 g	7.6" x 8"	EA	500-3323	$523.60
NVL10000/1	10000 g	1 g	7.6" x 8"	EA	500-3324	$585.65
NVL20000/1	20000 g	1 g	7.6" x 8"	EA	500-3325	$585.65

Call Customer Service at 800-826-8302

BALANCES

A&D Newton™ Series Compact Balances

The EJ Newton Series Precision Balance stands out from the crowd with design and performance features you have come to expect from A&D. Easy-to-read LCD display with amber backlight allows viewing in bright sunlight or dimly lit areas. Fast - one second response time. Equipped with multiple units of measure including grams, ounces, pounds and with weighing modes that include percentage, counting and specific gravity functions. Check-weighing capability. AC adapter included or can be battery powered (4 x AA not included) for convenient field applications. Options include RS-232 or USB interface, underhook for high capacity models, breeze break, carry case, and density determination kit. 5-year warranty.

Model	Capacity	Readability	Unit	Stock#	PRICE
4.3" Round Pan Size					
EJ-120	120 g	0.01 g	EA	008-3700	$251.75
EJ-200	210 g	0.01 g	EA	008-3710	$278.72
EJ-300	310 g	0.01 g	EA	008-3720	$341.66
EJ-410	410 g	0.01 g	EA	008-3730	$391.10
EJ-610	610 g	0.01 g	EA	008-3740	$485.51
5" x 5.5" Pan Size					
EJ-1500	1500 g	0.1 g	EA	008-3750	$247.25
EJ-2000	2100 g	0.1 g	EA	008-3760	$296.70
EJ-3000	3100 g	0.1 g	EA	008-3770	$359.64
EJ-4100	4100 g	0.1 g	EA	008-3780	$413.58
EJ-6100	6100 g	0.1 g	EA	008-3790	$440.55

A&D Everest™ Series Compact Balances

For years, these compact, low-profile EK models have been a popular choice for a variety of food lab applications. New electronics, a wider selection of capacities & resolutions, and remote-zeroing have been incorporated into a rugged housing. All feature RS-232C. Models EK-600i, EK-1200i, EK-6000i, EK-12Ki are NTEP approved. Optional rechargeable battery is available for complete portability. 5-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
4.3" Round Pan Size						
EK-120i	120 g	0.01 g	4.3" Round	EA	008-3309	$445.90
EK-200i	200 g	0.01 g	4.3" Round	EA	008-3310	$471.64
EK-300i	300 g	0.01 g	4.3" Round	EA	008-3315	$493.07
EK-410i	400 g	0.01 g	4.3" Round	EA	008-3410	$553.10
EK-610i	600 g	0.01 g	4.3" Round	EA	008-3610	$643.14
5.2" x 6.7" Pan Size						
EK-600i	600 g	0.1 g	5.2" x 6.7"	EA	008-3611	$445.90
EK-1200i	1200 g	0.1 g	5.2" x 6.7"	EA	008-3612	$463.05
EK-2000i	2000 g	0.1 g	5.2" x 6.7"	EA	008-3220	$484.49
EK-3000i	3000 g	0.1 g	5.2" x 6.7"	EA	008-3230	$518.80
EK-4100i	4000 g	0.1 g	5.2" x 6.7"	EA	008-3240	$621.70
EK-6100i	6000 g	0.1 g	5.2" x 6.7"	EA	008-3260	$758.91
EK-6000i	6000 g	1 g	5.2" x 6.7"	EA	008-3261	$484.49
EK-12Ki	12000 g	1 g	5.2" x 6.7"	EA	008-3262	$625.98
Accessories						
TB:162	Adapter			EA	008-3144	$43.00

Prices subject to change.

A&D SW Series High Pressure Washdown Scales

Designed to withstand the most demanding process conditions. From dusty to wet environments, including food processing plants where cleanliness and sanitation are of critical importance, the SW scales are built to endure the extreme conditions of high pressure and temperature water as specified by the IP69K standard (1450 psi and 175°F). They feature streamlined construction for easy cleaning, stainless steel weighing pan, frame and load cell, rugged and adjustable indicator bracket, capactive keys for light touch operation and bright, multicolored LED display. NSF listed, NTEP and Measurement Canada approved. AC power (included) with optional rechargeable battery, RS-232C/comparator outputs and desktop/wall-mount bracket available. 1-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
SW-6KS	13 lb/6 kg	0.001 lb/1 g	9.8" x 9.8"	EA	008-3420	$1,648.93
SW-15KS	33 lb/15 kg	0.002 lb/2 g	9.8" x 9.8"	EA	008-3421	$1,648.93
SW-15KM	33 lb/15 kg	0.002 lb/2 g	11.8" x 15.0"	EA	008-3422	$1,936.92
SW-30KM	66 lb/30 kg	0.005 lb/5 g	11.8" x 15.0"	EA	008-3423	$1,936.92
SW-60KM	130 lb/60 kg	0.01 lb/10 g	11.8" x 15.0"	EA	008-3424	$2,034.46
SW-150KM	330 lb/150 kg	0.02 lb/20 g	11.8" x 15.0"	EA	008-3425	$2,034.46
SW-60KL	130 lb/60 kg	0.01 lb/10 g	15.4" x 20.9"	EA	008-3426	$2,229.55
SW-150KL	330 lb/150 kg	0.02 lb/20 g	15.4" x 20.9"	EA	008-3427	$2,229.55

A&D SC Series Washdown Scales

Constructed with a completely sealed indicator and washdown base that meets IP68 standards. Features a stainless steel construction for easy cleaning, a supersized LCD for easy reading, easy switching between weighing units and a waterproof and corrosion resistant load cell. Operates on 6 D batteries (not included) that give you 4500 hours of continuous operation. NTEP and Measurement Canada approved. 2-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
SC-30KAM	66 lb/30 kg	0.01 lb/0.005 kg	11.8" x 15.0"	EA	008-3430	$1,374.89
SC-60KAM	130 lb/60 kg	0.02 lb/0.01 kg	11.8" x 15.0"	EA	008-3431	$1,402.75
SC-150KAM	330 lb/150 kg	0.05 lb/0.02 kg	11.8" x 15.0"	EA	008-3432	$1,435.27
SC-60KAL	130 lb/60 kg	0.02 lb/0.01 kg	15.4" x 20.9"	EA	008-3433	$1,472.43
SC-150KAL	330 lb/150 kg	0.05 lb/0.02 kg	15.4" x 20.9"	EA	008-3434	$1,504.94

A&D HW-WP Series Stainless Steel Platform Scales

Featuring a IP65 (NEMA4) water-resistant stainless-steel packaging, these are protected from the most challenging washdown or outdoor environments. The vacuum-fluorescent display provides a bright, clear, unmistakable display even in dimly lit areas. The removable display head also tilts and rotates to adapt to a desktop or wall-mount position for optimum viewing. A comparator with color-coded LED indicators allows for fast, precise, manual checkweighing. Multiple weighing units (kg, lb, lb:oz, & oz). 2-year warranty. AC powered.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
HW-10KWP	10 kg/20 lb	0.001 kg/0.002 lb	9.8" x 9.8"	EA	008-3400	$1,300.32
HW-60KWP	60 kg /150 lb	0.005 kg/0.01 lb	13" x 16.7"	EA	008-3401	$1,412.33
HW-100KWP	100 kg/200 lb	0.01 kg/0.02 lb	15.4" x 20.9"	EA	008-3402	$1,524.35
HW-200KWP	220 kg/500 lb	0.02 kg/0.05 lb	15.4" x 20.9"	EA	008-3403	$1,524.35

Ohaus® Defender® 5000 Scales

This feature-rich line of bench scales combines an ABS plastic T51P indicator with a square, painted steel base and column. High-visibility LCD display. Ideal for production, shipping, receiving, packaging, and general weighing applications. Meets requirements for NTEP, RS232 interface with GMP/GLP data output. Multiple weighing modes including counting, percent, dynamic/animal weighing, check weighing, and display hold. Weighing units include: kg, g, lb, oz, lb:oz, and user-definable custom unit. AC powered, or runs on 6 C batteries (not included) 1-year warranty.

Model	Capacity	Readability	Platform Size	Unit	Stock#	PRICE
D51P10QR1	25 lb/10 kg	0.002 lb/0.001 kg	12" x 12"	EA	500-3613	$1,027.65
D51P25QR1	50 lb/25 kg	0.005 lb/0.002 kg	12" x 12"	EA	500-3614	$1,027.65
D51P50QL2	100 lb/50 kg	0.01 lb/0.005 kg	18" x 18"	EA	500-3615	$1,142.40
D51P100QL2	250 lb/100 kg	0.02 lb/0.01 kg	18" x 18"	EA	500-3617	$1,142.40
D51P250QX2	500 lb/250 kg	0.05 lb/0.02 kg	24" x 24"	EA	500-3618	$1,641.35

Call Customer Service at 800-826-8302

SCALES

Ohaus® Defender® 5000 Washdown Scales

Meet the needs of demanding industrial operations with the Defender 5000 IP66 rated scale. This scale combines a stainless steel I51XW indicator with a square, all-stainless steel washdown base and column. Ideal for production, packaging, and industrial applications where full washdown protection is required. Many outstanding features set this scale apart, including safe overload protection (150% of maximum capacity), backlit LCD display, check weighing indication, built-in bi-directional RS232, selectable stability range, and selectable auto shutoff. NTEP certified, and supports GMP/GLP data output. Counting, checkweighing, percent, static, dynamic, and display hold weighing modes. Weighing units: kg, g, lb, oz, lb:oz, and custom unit. Standard AC or DC powered option. 1-year warranty.

Model	Capacity	Readability	Platform Size	Unit	Stock#	PRICE
D51XW10WR3	25 lb/10 kg	0.002 lb/0.001 kg	12" x 12"	EA	500-3610	$1,238.45
D51XW25WR3	50 lb/25 kg	0.005 lb/0.002 kg	12" x 12"	EA	500-3607	$1,258.85
D51XW50WL4	100 lb/50 kg	0.01 lb/0.005 kg	18" x 18"	EA	500-3608	$1,952.45
D51XW100WL4	250 lb/100 kg	0.05 lb/0.01 kg	18" x 18"	EA	500-3609	$1,952.45
D51XW250WX4	500 lb/250 kg	0.05 lb/0.02 kg	24" x 24"	EA	500-3611	$2,246.55

A&D FS-i Series Checkweighing Scales

Easy to use, rugged, waterproof, stainless steel checkweighers. Features include an analog sweep LCD display, digital keypad, and setpoint memory recall for quick, accurate and reliable measuring. They are IP65 and NSF certified. AC powered but have the option to be powered by a rechargeable SLA battery. 2-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
FS-6Ki	15 lb/6 kg	0.001 lb/0.0005 kg	9.8" x 9.8"	EA	008-3440	$1,096.19
FS-15Ki	35 lb/15 kg	0.002 lb/0.001 kg	9.8" x 9.8"	EA	008-3441	$1,096.19
FS-30Ki	70 lb/30 kg	0.005 lb/0.002 kg	15" x 11.8"	EA	008-3442	$1,286.63

Ohaus® Valor® 2000 Compact Bench Scales

Raise the bar and set a new industry standard with the winning combination of speed and durability. This water-resistant food scale offers large LED front and rear displays, and puncture resistant keypads, making it the premiere value scale for use in dry or washdown environments. The Valor 2000 has a polycarbonate keypad that can endure contact with knives or sharp instruments used daily in demanding food preparation, processing and portioning applications. Safe to use in the weighing of liquids and in wet environments, Valor 2000 is NSF Certified and has a flow-thru design that ensures the scale remains clean and operational.

- Construction features: stainless steel housing and platform, up-front level indicator.
- Operation: AC adapter (included) or rechargeable battery (included).
- Protection rating: 1PX8.

Weighing modes: gram, kilogram, pound, ounce, pound:ounce. 1-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
V22XWE1501T	3 lb/1.5 kg	0.0005 lb/0.2 g	7.5" x 9.5"	EA	500-3450	$391.00
V22XWE3T	6 lb/3 kg	0.001 lb/0.5 g	7.5" x 9.5"	EA	500-3451	$391.00
V22XWE6T	15 lb/6 kg	0.002 lb/1 g	7.5" x 9.5"	EA	500-3452	$391.00
V22XWE15T	30 lb/15 kg	0.005 lb/2 g	7.5" x 9.5"	EA	500-3453	$391.00

Prices subject to change.

Ohaus® Valor® 3000 Xtreme Precision Scales

This compact scale continues the Ohaus tradition of building high quality, durable products that are easy to use and hard to beat. The Valor 3000 Xtreme takes these Ohaus virtues to a new level by offering high precision readability, durability and ease of use, encased in a sleek and fully stainless steel compact housing. Washable models ensure that the Valor 3000 Xtreme meets the needs of even the most demanding environments. Scales are NSF C-2 listed/certified, USDA-AMS accepted for food use, supports HACCP-certified systems.

- Full stainless steel housing with added chemical resistance and removable stainless steel weighing pan.
- Advanced overload protection rated at 10x capacity for tough environments where capacity is frequently exceeded.
- User adjustable filtering and stability settings for operation in drafty and unstable conditions.
- Bright backlit LCD and simple text prompts for ease of use.

Weighing modes: lb, fractional or decimal oz, lb:oz, g, kg or fluid oz, % weighing, and specific gravity determination. AC power adaptor included, or use 4 C cell battery power (not included). 1-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
Standard Models						
V31XH202	200 g	0.01 g	4.7" round	EA	500-3312	$592.79
V31XH2	2000 g	0.1 g	5.7 x 6.2"	EA	500-3322	$592.79
V31X3	3000 g	1.0 g	5.7 x 6.2"	EA	500-3333	$393.64
V31X6	6000 g	1.0 g	5.7 x 6.2"	EA	500-3316	$393.64
Washdown Models						
V31XW301	300 g	0.1 g	5.7 x 6.2"	EA	500-3301	$466.56
V31XW3	3000 g	0.5 g	5.7 x 6.2"	EA	500-3303	$466.56
V31XW6	6000 g	1.0 g	5.7 x 6.2"	EA	500-3616	$466.56

Ohaus® Valor® 4000 Compact Bench Scales

Raise the bar and set a new industry standard with the winning combination of speed and durability with this water-resistant food scale. The Valor 4000 offers large LED front and rear displays, and puncture resistant keypads, making it the premiere value scale for use in dry or washdown environments. With Legal for Trade certifications and a food safe design that is NSF Certified, USDA-AMS accepted and supports HACCP certified systems, Valor 4000 is ready for demanding applications. Safe to use in wet environments, Valor 4000's flow-thru design ensures the scale remains clean and operational, and its knife-resistant keypad makes the scale more durable.

- Construction features: stainless steel housing and platform, up-front level indicator, and rear touchless sensor.
- Operation: AC adapter (included) or rechargeable battery (included).
- Protection rating: IPX8.

Weighing modes: gram, kilogram, pound, ounce, pound:ounce. 1-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
V41XWE1501T	3 lb/1.5 kg	0.0005 lb/0.2 g	7.5" x 9.5"	EA	500-3460	$424.15
V41XWE3T	6 lb/3 kg	0.001 lb/0.5 g	7.5" x 9.5"	EA	500-3461	$424.15
V41XWE6T	15 lb/6 kg	0.002 lb/1 g	7.5" x 9.5"	EA	500-3462	$424.15
V41XWE15T	30 lb/15 kg	0.005 lb/2 g	7.5" x 9.5"	EA	500-3463	$424.15

Call Customer Service at 800-826-8302

SCALES

A&D SK-WP/SK-WPZ Stainless Steel Washdown Digital Scales

Ideal for harsh environment applications, such as food processing, food service, chemical, and outdoor use. All models are NSF certified, sanitary for food processing and food service applications. Temperature compensation allows for use near ovens or in refrigerated areas. The stainless steel weighing pan measures 9.1" x 7.5" and is removable for quick, easy cleaning. A portable design allows the user to work on battery power or an optional non-washdown AC adapter (#008-3307) may be ordered. 2-year warranty. WPZ series includes ounce mode. Meets NTEP Legal for Trade requirements.

Model	Capacity	Readability	Unit	Stock#	PRICE
Without Ounce Mode					
SK-1000WP	1000 g/2.2 lb	0.5 g/0.001 lb	EA	008-3200	$337.07
SK-2000WP	2000 g/4.4 lb	1 g/0.002 lb	EA	008-3201	$337.07
SK-5000WP	5000 g/11 lb	2 g/0.005 lb	EA	008-3202	$337.07
SK-10KWP	10 kg/22 lb	0.005 kg/0.01 lb	EA	008-3203	$337.07
SK-20KWP	20 kg/44 lb	0.01 kg/0.02 lb	EA	008-3204	$337.07
With Ounce Mode					
SK-2000WPZ	2000 g/4.4 lb	1 g/0.002 lb	EA	008-3000	$327.22
SK-5000WPZ	5000 g/11 lb	2 g/0.0005 lb	EA	008-3206	$327.22
SK-20KWPZ	20 kg/44 lb	0.01 kg/0.02 lb	EA	008-3207	$327.22

A&D HL-WP Washdown Compact Scales

Stainless steel and can be completely submerged in water, making it easy to clean and ideal for wet environments. Other features include large LCD display, stability indicator, tare function, and auto power off. Powered by 6 "AA" batteries (not included). IP67 rated. 008-3208 and 008-3209 are NTEP approved. Optional AC adapter available. 2-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
HL-300WP	300 g/10.58 oz	0.1 g/0.01 oz	5.0" x 5.0"	EA	008-3210	$342.35
HL-1000WP	1000 g/2.2 lb/35.28 oz	0.5 g/0.001 lb/0.02 oz	5.0" x 5.0"	EA	008-3211	$342.35
HL-3000WPN	3000 g/6.6 lb/105.8 oz	1 g/0.002 lb/0.1 oz	5.0" x 5.0"	EA	008-3209	$342.35
HL-3000LWPN	3000 g/6.6 lb/105.8 oz	1 g/0.002 lb/0.1 oz	5.4" x 6.8"	EA	008-3208	$342.35

Ohaus® Ranger® 3000 Compact Bench Scales

The multipurpose Ranger 3000 has all of the capabilities to produce precise results rapidly for a variety of applications. With seven application modes, this is the ideal scale to meet many industrial weighing needs. Portable and equipped with a rechargeable battery, is equipped with functions and features that elevate the Ranger 3000 to a class of its own. RS232 equipped. NTEP approved. AC power or rechargeable battery (included). 2-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
R31P1502	1.5 kg/3 lb	0.00005 kg/0.0001 lb	11.8" x 8.9"	EA	500-3814	$495.00
R31P3	3 kg/ 6 lb	0.0001 kg/0.0002 lb	11.8" x 8.9"	EA	500-3815	$495.00
R31P6	6 kg/15 lb	0.0002 kg/0.0005 lb	11.8" x 8.9"	EA	500-3816	$495.00
R31P15	15 kg/30 lb	0.0005 kg/0.001 lb	11.8" x 8.9"	EA	500-3817	$495.00
R31P30	30 kg/60 lb	0.001 kg/0.002 lb	11.8" x 8.9"	EA	500-3818	$495.00

Prices subject to change.

Ohaus® FD Series Food Portioning Scales

With speed, durability and cleanliness, the FD series is designed specifically for food portioning in production or food service applications. Multiple uses, fast display, high precision loadcell, and an economical design. Standard features include:

- Dishwasher safe, all stainless steel flat pan.
- Supports HACCP compliance.
- Checkweighing mode with 3 LED indicator and audible alarm.
- Spill-proof front panel.
- Multiple weighing units, including pounds, ounces, kilograms, grams, and pound:oz.
- 120-hour internal rechargeable battery or AC power.
- Legal-for-trade modes.
- Manual or auto tare.
- NTEP approved, NSF listed, USDA accepted.
- 1-year warranty.

Capacity	Readability	Pan Size	Unit	Stock#	PRICE
Scales					
3 kg/6 lb	0.0005 kg/0.001 lb	8.2" x 8.2"	EA	500-3703	$666.66
6 kg/15 lb	0.001 kg/0.002 lb	8.2" x 8.2"	EA	500-3706	$666.66
15 kg/30 lb	0.002 kg/0.005 lb	8.2" x 8.2"	EA	500-3715	$666.66
Accessories					
Foot tare switch			EA	500-3704	$126.00

A&D HT Series Compact Precision Scales

Precision and convenience at an economical price! The A&D HT Series of compact scales feature a large LCD display, multiple weighing units (g, oz, lb-oz) and a handy stackable storage case. Powered by 4 AA batteries (included) or optional AC adapter. Optional stainless steel pan also available. 2-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
HT-300	310 g	0.1 g	5.2" x 5.12"	EA	008-3340	$130.00
HT-500	510 g	0.1 g	5.2" x 5.12"	EA	008-3341	$155.00
HT-3000	3100 g	1 g	5.2" x 5.12"	EA	008-3342	$130.00
HT-5000	5100 g	1 g	5.2" x 5.12"	EA	008-3343	$155.00

Ohaus® Compact Electronic Scales

Ideal when cost matters and dependable results are a must. These uniquely designed scales weigh in grams or pounds/ounces and include full capacity taring, an easy to read LCD, and battery-saving automatic shut-off after 5 minutes. Three models range in capacities from 200 g to 5000 g, with readabilities from 0.1 g to 2 g, and feature a large weighing pan to accommodate a variety of samples. Easy operation, long battery life, and great performance make Ohaus compact scales a truly remarkable value. Rugged plastic construction. Weighing units: g, lb:oz. Three AA alkaline batteries included or use optional AC adapter. 1-year warranty.

Model	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
CS200	200 g	0.1 g	5.75" x 5.25"	EA	500-3170	$119.00
CS2000	2000 g	1.0 g	5.75" x 5.25"	EA	500-3171	$119.00
CS5000	5000 g	2.0 g	5.75" x 5.25"	EA	500-3172	$140.25
Optional Accessories						
Plastic scale bowl, 1050 mL				EA	500-3174	$36.00
Stainless steel weighing pan cover				EA	500-3175	$39.60

Call Customer Service at 800-826-8302

SCALES

A&D HL-i Ninja Compact Scales

Easy to use and with affordable accuracy the HL-i Ninja series of compact scales is great for a wide range of applications. The detachable round plastic weighing pan allows for easy cleaning and maintenance. Features a large LCD display, large weighing pan (5.1" dia), auto power off function, low battery indication, overload indication, and stable indicator. Its compact size and battery operation allows for easy transportation to different workplaces. 2-year warranty. 4 AA batteries included. Optional AC adapter (#008-3243) and stainless steel pan are available.

Capacity	Readability	Pan Size	Unit	Stock#	PRICE
200 g	0.1 g	5.1" Round	EA	008-3242	$105.00
2000 g	1 g	5.1" Round	EA	008-3244	$105.00

Value Pack for A&D HL-i Ninja Compact Scales

Value pack includes scale with stainless steel pan, AC power adapter, batteries, and carrying case.

Description	Capacity	Readability	Pan Size	Unit	Stock#	PRICE
Value Pack for HL-200i	200 g	0.1 g	5.1" Round	EA	008-3245	$145.00
Value Pack for HL-2000i	2000 g	1 g	5.1" Round	EA	008-3246	$145.00

CALIBRATION WEIGHTS

Certification and Serialization of Weights and Weight Sets

Some labs require their weights and weight sets to be certified and serialized. When placing your order, please let us know if your facility must meet this requirement. We can also recertify/serialize your existing weights or weight sets. Custom weights and special orders are available and are non-returnable. Weights can be certified a number of different ways. Please call our lab product specialists to ensure the certification meets your requirements.

Class 1 Weight Sets

Metric

For use in calibration of lab scales. Cylindrical weights are all stainless steel, but at this level of precision, must be handled with the included forceps. Mass Value Certificate and serial numbering included with set. Plastic case is included.

- Set #562-3003 contains one each: 1 g, 5 g, 10 g, 50 g, 100 g, and two each: 2 g, 20 g.
- Set #562-3910 contains one each: 1 mg, 5 mg, 10 mg, 50 mg, 100 mg, 500 mg, and two each: 2 mg, 20 mg, 200 mg. Meets requirements for NCIMS testing.
-

Description	Unit	Stock#	PRICE
1 g - 100 g	ST	562-3003	$750.06
1 mg - 500 mg	ST	562-3910	$768.80

Individual Class 1 Weights

Metric

For precise calibration of analytical and toploading balances. Precision laboratory stainless steel weights. Polished finish. Weights without certificate. Call for weights that require certificate.

Weight	Unit	Stock#	PRICE
1 g	EA	562-3350	$66.96
2 g	EA	562-3351	$76.26
3 g	EA	562-3352	$76.26
5 g	EA	562-3353	$85.56
10 g	EA	562-3354	$85.56
20 g	EA	562-3355	$85.56
30 g	EA	562-3356	$90.21
50 g	EA	562-3357	$94.86
100 g	EA	562-3358	$99.51
200 g	EA	562-3359	$139.50

Prices subject to change.

Individual Class 1 Weights

Avoirdupois

Weights without certificate. Call for weights that require certificate.

Weight	Unit	Stock#	PRICE
¼-oz	EA	562-3534	$80.91
½-oz	EA	562-3535	$94.86
1-oz	EA	562-3536	$94.86
2-oz	EA	562-3537	$94.86
4-oz	EA	562-3538	$99.51
8-oz	EA	562-3539	$104.16
1 lb	EA	562-3540	$123.69
2 lb	EA	562-3541	$148.80
3 lb	EA	562-3542	$162.75
4 lb	EA	562-3543	$181.35
5 lb	EA	562-3544	$306.90
10 lb	EA	562-3545	$581.25

Individual Class 1 Weights

Metric

For precise calibration of analytical balances. Stainless steel leaf-style weights in protective sleeves. Mass Value Certificate and serial number included.

Weight	Unit	Stock#	PRICE
1 mg	EA	562-3839	$85.76
2 mg	EA	562-3840	$85.76
3 mg	EA	562-3841	$85.76
5 mg	EA	562-3842	$85.76
10 mg	EA	562-3844	$85.76
20 mg	EA	562-3845	$85.76
30 mg	EA	562-3846	$85.76
50 mg	EA	562-3847	$85.76
100 mg	EA	562-3849	$85.76
200 mg	EA	562-3850	$85.76
300 mg	EA	562-3853	$85.76
500 mg	EA	562-3852	$85.76

Individual Class 1 Weights

Metric

Leaf weights ASTM Class 1 SST polished density 7.95. Weights without certificate. Call for weights that require certificate.

Weight	Unit	Stock#	PRICE
1 mg	EA	562-3331	$56.73
2 mg	EA	562-3332	$56.73
3 mg	EA	562-3333	$56.73
10 mg	EA	562-3335	$56.73
20 mg	EA	562-3336	$56.73
30 mg	EA	562-3337	$56.73
100 mg	EA	562-3339	$56.73
200 mg	EA	562-3340	$56.73

Class F Weight Set

Metric

Precision cylindrical stainless steel weights for testing and adjusting commercial and other scales. Made in stringent compliance with NIST Class F tolerances and specifications listed in NIST Handbook 105-1.

- Set #562-3010 contains one each: 1 g, 5 g, 10 g, 50 g, 100 g, and two each: 2 g, 20 g.
- Set #562-3993 set contains one each: 1 g, 5 g, 10 g, 50 g, 100 g, 500 g, 1 kg, 5 kg, and two each: 2 g, 20 g, 200 g, 2 kg.

Weights without certificate. Call for weights that require certificate.

Description	Unit	Stock#	PRICE
1 g - 100 g	ST	562-3010	$176.70
1 g - 5 kg	ST	562-3993	$604.50

Class F Weight Set

Decimal Avoirdupois

Set is comprised of precision cylindrical stainless steel weights. Suitable for fill and calibration checks in production areas and other testing of commercial scales.

- Set #562-3020 contains one each: .05-oz, .1-oz, .5-oz, 1-oz, 2-oz, 4-oz, 8-oz, 1 lb, 2 lb, and two each .2-oz.
- Set #562-3050 contains one each: .001 lb, .005 lb, .01 lb, .05 lb, .1 lb, . 5lb,1 lb, 5 lb, and two each: .002 lb, .02lb, .2 lb, 2 lb.

Weights without certificate. Call for weights that require certificate.

Description	Unit	Stock#	PRICE
0.05-oz to 2 lb	ST	562-3020	$385.95
0.001 lb to 5 lb	ST	562-3050	$451.05

Call Customer Service at 800-826-8302

WEIGHING ACCESSORIES

Individual Class F Weights

Metric - Stainless Steel

Weights without certificate. Call for weights that require certificate.

Weight	Unit	Stock#	PRICE
1 g	EA	562-3401	$28.83
2 g	EA	562-3402	$28.83
3 g	EA	562-3403	$28.83
5 g	EA	562-3405	$28.83
10 g	EA	562-3411	$33.48
20 g	EA	562-3412	$33.48
30 g	EA	562-3413	$33.48
50 g	EA	562-3415	$36.27
100 g	EA	562-3410	$39.99
200 g	EA	562-3420	$47.43
300 g	EA	562-3430	$56.73
400 g	EA	562-3440	$56.73
500 g	EA	562-3450	$62.31
1 kg	EA	562-3451	$66.96
2 kg	EA	562-3452	$116.25
3 kg	EA	562-3453	$158.10
4 kg	EA	562-3454	$176.70
5 kg	EA	562-3455	$190.65

Individual Class F Weights

Avoirdupois - Stainless Steel

For industrial applications and high-capacity balances and scales. Choice of corrosion-resistant stainless steel or cast iron weights. Cast iron is more economical, but must be protected in wet or corrosive environments. Weights without certificate. Call for weights that require certificate.

Weight	Unit	Stock#	PRICE
¼-oz	EA	562-3800	$28.83
1-oz	EA	562-3801	$33.48
2-oz	EA	562-3802	$36.27
4-oz	EA	562-3804	$38.13
8-oz	EA	562-3808	$42.78
12-oz	EA	562-3812	$47.43
1 lb	EA	562-3701	$52.08
2 lb	EA	562-3702	$61.38
3 lb	EA	562-3703	$105.09
4 lb	EA	562-3704	$109.74
5 lb	EA	562-3705	$116.25
10 lb	EA	562-3706	$181.35
20 lb	EA	562-3920	$437.10
25 lb	EA	562-3925	$474.30
30 lb	EA	562-3930	$564.51
50 lb	EA	562-3950	$744.00

Individual Class F Weights

Avoirdupois - Cast Iron

Weights without certificate. Call for weights that require certificate.

Weight	Unit	Stock#	PRICE
1 lb	EA	562-3601	$44.64
2 lb	EA	562-3602	(9.29
5 lb	EA	562-3605	$52.08
10 lb	EA	562-3610	$68.82
20 lb	EA	562-3620	$87.42
25 lb	EA	562-3625	$106.95
50 lb	EA	562-3650	$123.69

WEIGH BOATS/PAPER & TOOLS

Weighing Boats

For use with analytical balances. Smooth, allow solids to flow freely. #320-3420 is anti-static.

Size	Pkg	Unit	Stock#	PRICE
White				
1⅝" x 1⅝"	100/pk	PK	320-3001	$12.75
1⅝" x 1⅝"	500/bx	BX	320-3002	$21.71
3½" x 3½"	100/pk	PK	320-3003	$20.82
3½" x 3½"	500/bx	BX	320-3004	$35.47
5½" x 5½"	100/pk	PK	320-3005	$35.59
5½" x 5½"	500/bx	BX	320-3006	$60.66
5½" x 5½"	500/bx	BX	320-3420	$59.86
Blue				
1⅝" x 1⅝"	500/bx	BX	320-3016	$21.71
3½" x 3½"	500/bx	BX	320-3017	$38.36
5½" x 5½"	500/bx	BX	320-3018	$68.77

Weighing Papers

For use with analytical balances. Smooth, allow solids to flow freely. 500/pack. Nitrogen free.

Size	Unit	Stock#	PRICE
3" x 3"	PK	155-3550	$9.20
4" x 4"	PK	155-3552	$12.15
6" x 6"	PK	155-3554	$21.08

Prices subject to change.

WEIGH BOATS/PAPER & TOOLS

Curved Forceps

Curved, sharp-pointed forceps. Serrated tips for gripping small objects tightly. Corrugated handles.

Description	Unit	Stock#	PRICE
Nickel-plated steel, 4.5"	EA	155-3290	$9.03
Stainless steel, 6" (suitable for BSDA)	EA	716-3010	$16.59
Tweezer, plastic, 3.5"	EA	562-3995	$3.06
Straight Tip, stainless steel, 8"	EA	155-3295	$21.73

Microspatula

Double-ended stainless steel spatula with flat ends. Use for scooping powders, stirring solutions and various lab uses.

Length	Unit	Stock#	PRICE
8"	EA	155-3750	$5.24

Microspatula/Spoon

Spoon on one end, spatula on the other. Stainless steel.

Length	Unit	Stock#	PRICE
9"	EA	155-3755	$9.35

Spatulas

Spatulas in an assortment of handy sizes. Stainless steel blade with a tough PVC handle. Resistant to boiling water, acids and most solvents.

Blade Length	Unit	Stock#	PRICE
3"	EA	220-3327	$15.90
4"	EA	155-3756	$16.93
5"	EA	220-3312	$20.09
6"	EA	220-3328	$18.29

Lab Scoop

Small stainless steel lab scoop with curved sides and pointed tip.

Length	Unit	Stock#	PRICE
7"	EA	155-3690	$4.99

Equipment Repair Service

Nelson-Jameson can help save you money by offering repairs on a wide range of equipment and parts that you use daily. Options include repair, refurbish, rebuild and recertification. We even offer exchange-for-new on select items in our Process-Systems Department. Some repairs can be done at our facility, helping reduce your costs and down-time.
Please call for more information or an estimate on our repairable items below.

EQUIPMENT REPAIR
Centrifugal Pumps
Positive Displacement Pumps
Valves

PARTS REPAIR & EXCHANGE
Backplates
Pump Covers
Rotors
Valve Bodies
Valve Stems

If you have a repair need, but do not see it listed, please call us and we may be able to help!

REPAIR AND INSTRUMENTATION EXCHANGE
Pressure Gauges
Homogenizer Gauges
Thermometers
Electromagnetic Flowmeters
Turbine Flowmeters
Coriolis Flowmeters
Chart Recorders
Level Transmitters
Pressure Transmitters
Temperature Transmitters

HOSE END REATTACHMENT
Sanitary Food Grade
Strahman
Washdown

LAB EQUIPMENT REPAIR
Chloride Analyzer
pH Meters
Luminometers
Air Samplers
Stomachers
Cryoscopes
Balances & Scales
Moisutre Balances
Digital Thermometers
Centrifuges
Refractometers
Pipettors

LAB RECERTIFICATION
Calibration Weights
Digital Thermometers
Glass Thermometers

Call Customer Service at 800-826-8302

BLENDERS

Oster® OSTERIZER® Laboratory Blender

Oster blenders offer continuous-run or pulse control at all speeds. Five cup containers with removable 2-oz measuring cup are ideal for continuous feeding. Stainless steel blade assembly removes easily for cleaning. Other features include: metal-to-metal drive for longer life, permanently lubricated motor, and non-slip feet.

Description	Unit	Stock#	PRICE
10 Speed blender, ⅓ hp, 6 cup plastic jar	EA	503-3640	$44.41
Accessories/Parts			
Blade assembly w/gray gasket	EA	503-3010	$14.59
Bottom, screw-on	EA	503-3015	$7.95
Container, glass, 5-cup w/lid and measuring cap	EA	503-3019	22.59
Coupling	EA	503-3022	$6.32
Gasket, neoprene, gray	EA	503-3025	$3.12
Gasket, red silicone, autoclavable	EA	503-3021	$1.91
Container, plastic 6-cup w/lid and measuring cap	EA	503-3008	$19.92
Jar w/cap, 8-oz, Oster, clear plastic, blend & store	EA	503-3035	$8.65
Jar w/lid, 250 mL, Nalge, mason threads, clear plastic	EA	156-3601	$11.40
Square drive & dish assembly, 1 set/pk	PK	503-3030	$4.28

WARING® Laboratory Blender

Reduce samples to almost any desired consistency with high-quality, long-life Waring laboratory blenders. Choose models with one liter glass or stainless steel containers. Standard-duty 1-or 2-speed models available. 7-speed models are heavy-duty. Two-piece vinyl and styrene lid, stainless steel blades. Epoxy-coated motor housing. 120V. UL-listed.

Mfg Part #	Description	Container	Unit	Stock#	PRICE
700G	Standard-duty, 1-speed	Glass	EA	733-3998	$271.11
700S	Standard-duty, 1-speed	Stainless steel	EA	733-3997	$331.39
7011G	Standard-duty, 2-speed	Glass	EA	733-3996	$378.44
7011S	Standard-duty, 2-speed	Stainless steel	EA	733-3995	$438.98
7012G	Heavy-duty, 7-speed	Glass	EA	733-3994	$642.29
7012S	Heavy-duty, 7-speed	Stainless steel	EA	733-3012	$618.74
Accessories/Parts					
MC3	Mini container, 250 mL, w/lid		EA	733-3990	$280.40
003548	Blending blade assembly		EA	733-3548	$22.54
700BU	Blender base, 1-speed, no container		EA	733-3999	$228.96
7012BU	Blender base, 7-speed, no container		EA	733-3701	$545.77
002518	Drive coupling for 700 & 7011 series blenders		EA	733-3987	$27.56
003559	Drive coupling for 7012 series blenders		EA	733-3988	$22.89
CAC33	32-oz blender container, stainless steel w/lid & blending assembly		EA	733-3993	$138.56
CAC64	500 mL, pp container, screw cap & blade assembly		EA	733-3992	$138.38

Not finding what you need?

Call our Laboratory Products Specialists for help!
800-826-8302

Prices subject to change.

BioMixer™ Hand-Held Blender

Use this versatile, high-speed laboratory blender to completely mix, emulsify or homogenize your samples. The secret is a 10,000 rpm motor and 3 different blade types. Only stainless steel touches your sample. Because it is hand-held, use almost any laboratory jar or beaker with an opening 2-1/2″ or greater. It quickly cleans itself between samples. Maintenance-free motor is completely sealed and double-insulated for safety. 12″ long. AC, 110V.

Description	Unit	Stock#	PRICE
BioMixer w/3 different blades	EA	070-3000	$216.50
Replacement blade set	ST	070-3010	$26.49
Grinding mill attachment	EA	070-3008	$21.92

Lab Cyclone Sample Mill

When a small sample has to represent a large amount of product, ensure sample uniformity with this mill. The UDY Lab Cyclone Sample Mill is USDA recommended for NIR (near-infrared spectroscopy) sample preparation.

Mill uses high velocity air flow, an abrasive surface, and centrifugal force to grind material. Rotation of the impeller and centrifugal force throws particles to the perimeter of the grinding chamber where air flow pushes them along the abrasive tungsten carbide surface. A screen provides an upper limit for consistent particle size. As particles become small enough they are deposited in a sample collection bottle by cyclone action. Air flow prevents accumulation inside the grinding chamber eliminating the need to clean the mill between samples; thermal degradation of sample is also minimized. Use with the ESE analyzer and other NIR instruments. Accessories included: three collection bottles (two 120 mL glass and one 150 mL plastic) with snap-cap, two hex wrenches, anti-static solution, 0.5 and 1.0 mm stainless steel screens.

Description	Unit	Stock#	PRICE
Lab Cyclone Sample Mill	EA	695-3080	$4,169.00
0.5 mm Screen, stainless steel	EA	695-3499	$33.68
1.0 mm Screen, stainless steel	EA	695-3498	$33.68
Collection bottle kit (Includes 2 - 120 ml, 1 - 150 ml bottles)	PK	695-3387	$27.90

Boekel Tap Dancer Vortex Mixer

Saving space with its low profile and small footprint design, this mini tube vortex mixer also has low voltage supply for safe cold room use. Pressure sensitive cup, continuous or touch operation. 300 to 6000 rpm/continuous or burst. For tubes up to 20 mm diameter. AC adapter included. 2-year warranty.

Model	Size	Unit	Stock#	PRICE
270100	4"W x 6"L x 3½"H	EA	068-3010	$208.55

Call Customer Service at 800-826-8302

STOMACHERS & ACCESSORIES

Seward Stomacher® Lab Blenders

Widely used in the food industry, these blenders provide a rapid, clean, safe way to blend samples. Simply place sample in disposable, sterile polyethylene bag, insert in machine, and close door. Reciprocating paddles pound the sample.

Why use a Stomacher?

- Clean. Samples are blended in disposable plastic bags. They never touch the instrument.
- Safe. There are no aerosol leaks. The bag containing the sample is tightly clamped in the instrument to prevent aerosol release associated with that of other types of blenders.
- Timesaving. The Stomacher process is rapid. No need to sterilize blender cups and blades. Simply discard the bags after use. Most samples can be blended in 30 to 60 seconds. Bacteriological samples of meats, pastry or dairy products are ready within 1 to 2 minutes.

Restyled for convenience and easy maintenance, Stomachers now feature microprocessor controls. Three preset speeds plus timer or continuous operation improve laboratory efficiency.

Sturdy cast aluminum alloy exterior is finished with glossy enamel. Motor noise and vibration is dampened by steel housing. 110V to 120V, single phase.

Seward Stomacher® 400 Circulator

When food safety and quality matter, rely on the Stomacher to safeguard your reputation. The Stomacher 400 is the world's leading laboratory blender for food microbiologists. Patented circular paddle design enhances sample blending and extrusion of the organisms into suspension, providing reliable and reproducible testing. Most samples can be blended in 30 to 60 seconds. Bacteriological samples of meats, pastry, or dairy products are ready within 1 to 2 minutes. Choose round bottom (circulator) Stomacher bags for sample processing with no risk of cross contamination. The 400 features one-touch, user programmable time and speed functions, variable time settings from 1 second to 99 minutes 59 seconds, and auto-run for hands-free operation. 54 lbs.

Description	Capacity	Size	Unit	Stock#	PRICE
400	80 to 400 mL	13.25"W x 13.25"D x 11"H	EA	656-3000	$5,923.38
Accessories					
3740 Connector assembly		Fits serial numbers to 36629	EA	656-3020	$206.50
1034 Connector assembly		Fits serial numbers 36630 and up	EA	656-3034	$206.50
S234 Motor brush set			ST	656-3234	$36.74
B-E001125 On/Off rocker switch			EA	656-3125	$38.78
Foot pad, cushion			PK	656-3002	$6.06

Seward Stomacher® 3500 Jumbo Lab Blender

Large sample capacity and gentle paddle action are ideal for blending a wide range of powders and other food products. Features three time settings plus a continuous cycle. 3-year warranty.

Capacity	Size	Unit	Stock#	PRICE
400 to 3500 mL	19"W x 19"D x 17.5"H	EA	656-3010	$9,449.93

Prices subject to change.

Seward Stomacher® Bags

Designed by the manufacturer of the Stomacher Circulator lab blender, these sterile bags offer resiliency to withstand paddle-action blending. All Stomacher bags are made from virgin LDPE granule extruded to 6.5 mil thickness. Choose from circulator bags with round corners, or classic bags with squared bottoms.

Description	Bag Type	Bag Size	Sample Size	Pkg	Unit	Stock#	PRICE
Stomacher 400 Circulator Bags							
	Standard	7" x 12"	80 - 400 mL	500/bx (sachets of 50)	BX	656-3011	$86.96
	Strainer	7" x 12"	80 - 400 mL	200/bx (sachets of 10)	BX	656-3012	$218.40
	Closure	7" x 12"	80 - 400 mL	250/bx (sachets of 10)	BX	656-3013	$164.06
Stomacher 400 Classic Bags							
	Standard	7" x 12"	80 - 400 mL	500/bx (sachets of 50)	BX	656-3007	$86.96
	Strainer	7" x 12"	80 - 400 mL	200/bx (sachets of 10)	BX	656-3025	$218.40
	Closure	7" x 12"	80 - 400 mL	250/bx (sachets of 10)	BX	656-3008	$164.06
Stomacher 80 Biomaster Bags							
	Standard	4" x 6"	5 - 80 mL	2000/bx (sachets of 50)	BX	656-3001	$162.08
Stomacher 400 Accessories							
Bag holder/rack, 1-place					EA	656-3014	$44.47
Bag holder/rack, 10-place					EA	656-3016	$151.19
Bag opener					EA	656-3095	$39.53
Bag clips				200/bx	BX	656-3099	$42.65
Simplettes				50/pk/ 40 pk/ca	CA	656-3051	$189.18

Seward Insterprep® Media Bags and Sachets

Insterprep is a new range of instantly soluble, sterile, granulated media specifically designed to speed up and simplify sample preparation for microbiological analysis. Available in the following 2 forms. Insterprep media bags include instantly soluble pre-measured, sterile media in a Stomacher® bag. Simply add sterile distilled water and your sample as per protocol. Insterprep sachets are instantly soluble, sterile media granules, ready to use. Just add sachets to your own Stomacher bags. Choose the Insterprep sachet that fits your protocol needs. With Insterprep, cut waste and cost, manage your laboratory resources more efficiently and optimize laboratory workflow!

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
INS-2100	Insterprep Buffered Peptone Water (Stomacher Bag, granules for 225ml)	100/pk	PK	656-3200	$351.70
INS-2101	Insterprep Max Recovery Diluent (Stomacher Bag, granules for 225ml)	100/pk	PK	656-3201	$332.61
INS-2102	Insterprep Fraser Broth (Stomacher Bag, granules for 225ml)	50/pk	PK	656-3202	$498.25
INS-2200	Insterprep Buffered Peptone Water (Sachet, granules for 225ml)	100/pk	PK	656-3203	$382.15
INS-2201	Insterprep Max Recovery Diluent (Sachet, granules for 225ml)	100/pk	PK	656-3204	$361.34
INS-2202	Insterprep Fraser Broth (Sachet, granules for 225ml)	50/pk	PK	656-3205	$505.36
INS-2300	Insterprep Buffered Peptone Water (Sachet, granules for 3375ml)	100/pk	PK	656-3206	$961.05
INS-2301	Insterprep Max Recovery Diluent (Sachet, granules for 3375ml)	100/pk	PK	656-3207	$902.50
INS-2302	Insterprep Fraser Broth (Sachet, granules for 1125ml)	50/pk	PK	656-3208	$1,197.50

Call Customer Service at 800-826-8302

BLENDER BAGS

WHIRL-PAK® Blender Bags

Made of extra-heavy polyethylene for use with homogenizer blenders. 4.0 mil thickness. 500 bags/box.

Mfg Part #	Capacity/Features	Size	Unit	Stock#	PRICE
Clear Unprinted					
B01063	24-oz	6" x 9"	BX	486-3016	$106.61
White Write-On Stripe					
B01196	24-oz	6" x 9"	BX	486-3196	$111.30
B01239	52-oz/Round bottom	7" x 13"	BX	486-3239	$177.60
B01195	55-oz	7.5" x 12"	BX	486-3195	$155.35

WHIRL-PAK® Filter Bags

Filter layer separates the liquid and solids, allowing for easy pipetting of the sample. Made of extra-heavy polyethylene for use with homogenizer blenders. All bags have a write-on strip and wire closure. 4.0 mil thickness.

Mfg Part #	Capacity	Size	Pkg	Unit	Stock#	PRICE
B01385	7-oz	3.75" x 7"	250/bx	BX	486-3260	$115.86
B01348	24-oz	6" x 9"	250/bx	BX	486-3256	$151.47
BO1318	55-oz	7.5" x 12"	250/bx	BX	486-3255	$180.03
BO1416	69-oz	7.5" x 15"	250/bx	BX	486-3266	$190.32
BO1488	92-oz	10" x 15"	100/bx	BX	486-3262	$141.92
BO1525	138-oz	15" x 15"	100/bx	BX	(, *!' &*'	$152.36

WATER BATHS

PolyScience Digital Water Baths

Easy-to-use digital temperature controller that features three temperature presets for one-touch selection of frequently used set-points plus a user-settable high limit alarm that alerts you if the bath temperature exceeds preset limits. Other features include a large, back-lit LCD display, displays actual and set point temperature simultaneously, integrated timer, clear-hinged gable cover, calibration capability and recessed handles for easy positioning. Temperature range: ambient +5° to 99°C. Temperature uniformity: ±0.2°C. Temperature stability: ±0.1°C. 120 V. 2-year warranty.

Mfg Part #	Capacity	Interior Dimensions	Overall Dimensions	Drain Spout	Unit	Stock#	PRICE
WB02A11B	2L	3.9"L x 4.3"W x 6"D	9"L x 12"W x 10.5"H	No	EA	528-3302	$373.00
WB05A11B	5L	5"L x 10.8"W x 6"D	14.5"L x 12"W x 10.5"H	No	EA	528-3305	$450.00
WB10A11B	10L	10.6"L x 11.6"W x 6"D	15.5"L x 17"W x 12"H	Yes	EA	528-3310	$537.00
WB20A11B	20L	9.5"L x 17"W x 6"D	22.5"L x 17.5"W x 12"H	Yes	EA	528-3320	$647.00
WB28A11B	28L	9.5"L x 17"W x 8"D	22.5"L x 17.5"W x 14"H	Yes	EA	528-3328	$681.00

Prices subject to change.

Boekel "Hot Tub" Water Baths

The Boekel line of water baths is ideal for general lab applications. Space-saving design allows for the most efficient use of your bench space. The PID controller allows for easy temperature selection in 0.1°C increments to a maximum 100.0°C. There is also a "boiling mode" setting eliminating the need to purchase a second single-function boiling bath. It is ideal for applications such as melting agar. All units are supplied with polycarbonate lid. (Stainless steel gabled cover, ordered separately, is required for use when unit is set to boiling mode). Lid, gabled cover, or layer of polypropylene spheres recommended for use above 60°C to minimize evaporation. 2-year warranty.

Mfg. Part #	Description	Capac-ity	Unit	Stock#	PRICE
290100	Hot Tub	6 L	EA	068-3901	$1,082.85
290200	Hot Tub	14 L	EA	068-3902	$1,264.73
290300	Hot Tub	28 L	EA	068-3903	$1,540.03
Accessories					
290120	Cover SS	For 6 L bath	EA	068-3912	$145.38
290220	Cover SS	For 14 L bath	EA	068-3922	$169.92
290320	Cover SS	For 28 L bath	EA	068-3932	$211.31
290155	PP spheres, 300/pk		PK	068-3020	$118.89

Boekel Orbital and Reciprocating Water Bath

Designed for a wide range of temperature-controlled protocols, this bath has a unique magnetically coupled shaking mechanism for both linear and orbital shaking. A PID microprocessor controls temperature and speed. A programmable timer is capable of settings up to 99 hours. Temperature range: ambient to 99°C. Uniformity: ±0.1°C. Speed range: 20 to 200 rpm (1 rpm display resolution). Polycarbonate cover included. Size: 13"W x 22"L x 14"H. Order tray separately. Stainless steel gabled lid available to direct condensation to bath edges and prevent dripping into open flask. 2-year warranty.

Mfg. Part #	Description	Capacity	Unit	Stock#	PRICE
290400	Shaking Hot Tub	28 L	EA	068-3300	$3,707.61
Accessories					
290410	Flask tray, universal	25 mL to 1 L	EA	068-3320	$453.57
290320	Lid, SS		EA	068-3932	$211.31

SHEL LAB® Water Baths

Accurate, easy to use, safe, and durable. Shel Lab high performance water baths have a digital set/digital read P.I.D. temperature controller that maximizes rapid heat-up without temperature overshoot.

A microprocessor achieves precise temperature control regardless of how the unit is loaded. It has a unique lid design that allows condensation to drain back into the tank without spilling onto the work area. A warm air jacketed design radiates heat to the sides and bottom of the tank, eliminating hot spots. The unit has a non-contact, recessed heating element that will prevent burnouts if the water level is too low. The water bath tank is constructed of stainless steel and does not have seams that could leak. The unit's housings have a high quality textured powder coat finish. This electrostatically applied finish not only eliminates rust and chipping but is resistant to nicks, scratches and corrosives.

Shel Lab digital water baths are durable and dependable with a variety of different models to fit any application. 120V (220V units are available). UL listed. 2-year limited warranty. Made in the USA.

Model	Capacity	Interior (w x d x h)	Exterior (w x d x h)	Cover	Unit	Stock#	PRICE
Standard Baths							
SWB2	2 L	11.7" x 5.7" x 2.5"	15" x 12" x 8.8"	Yes	EA	586-3070	$588.39
SWB7	7 L	11.7" x 6" x 6"	15.3" x 12" x 9"	Yes	EA	586-3071	$658.65
SWB15	15 L	11.7" x 13" x 6"	15" x 19" x 19"	Yes	EA	586-3072	$783.95
SWB23	23 L	11.5" x 19.5" x 6.2"	15" x 25.3" x 9"	Yes	EA	586-3073	$945.65
Deep Chamber Bath							
SWB30	30 L	12" x 14" x 12"	16" x 19.3" x 15.3"	No	EA	586-3074	$2,200.31
Dual Chamber Bath							
SWB715	7 L/15 L	11.7" x 6" x 6"/11.7" x 13" x 6"	24.3" x 19.3" x 8.8"	Yes	EA	586-3075	$1,283.17
Circulating Bath							
SWBC22	22 L	11.5" x 19.5" x 6.2"	15" x 25.5" x 9"	Yes	EA	586-3076	$2,313.40
Shaking/Reciprocating Baths							
SWBR17	17 L	14.7" x 11.7" x 7.5"	25.5" x 15.5" x 12.5"	Yes	EA	586-3077	$2,397.16
SWBR27	27 L	27" x 12" x 7.2"	37.5" x 14.8" x 12.5"	Yes	EA	586-3078	$2,698.54

Call Customer Service at 800-826-8302

WATER BATH ACCESSORIES & HEATERS/CIRCULATORS

PolyScience Immersion Heater/Circulator

This immersion heater/circulator is reliable, requires very little support once placed in service, is simple to operate, and is competitively priced. 2-year warranty on parts and a 1-year warranty on labor.

The PID microprocessor controller provides precise temperature control and greater temperature stability. The 2-speed pressure (simplex) pump minimizes turbulence in small tanks and provides higher flow and greater uniformity in large tanks. An adjustable flow director accepts 0.5″(133mm) ID tubing for external circulation. Temperature range: ambient +5°C to 150°C. Stability: ±0.05°C. 120 V.

Model	Description	Unit	Stock#	PRICE
7306	Digital standard model	EA	528-3306	$1,071.60

Thermco® Water Bath Thermometer

Designed for water bath and antibiotic confirmation measurements. 35 mm immersion. Meets NIST tolerances for accuracy. Spirit-filled.

Range	Divisions	Length	Teflon Coated	Unit	Stock#	PRICE
0° to 110°C	1.0°C	225 mm	Yes	EA	195-3055	$45.84

Water Bath Algicide

Eliminates algae growth in many types of water-containment applications. Simply add 10 to 15 drops per gallon to keep water clear. 8-oz bottle contains enough solution to treat up to 400 gallons.

Unit	Stock#	PRICE
BO	716-3540	$109.94

DRY BATHS, BLOCK HEATERS & ACCESSORIES

Thermo Scientific Digital Dry Baths/Block Heaters

Increase lab versatility with the Thermo Scientific digital dry baths/block heaters, which offer a range of configurations with interchangeable modular blocks for a variety of application needs. Range of configuration to hold 1, 2 and 4 interchangeable modular blocks to accommodate a variety of vessels and applications.

FEATURES:
- Digital controls and display of time and temperature.
- Temperature range: Ambient + 5°C – 130°C.
- Built-in temperature sensing probe for outstanding temperature accuracy and control.
- Precise temperature control with PID circuit.
- Temperature calibration enables to offset the temperature to desired value.
- Timer allows the user to accurately monitor the heating time.
- Interchangeable aluminum alloy sample blocks provide versatility and allow for easy cleaning and disinfecting.
- Powder-coated steel body construction ensures durability.
- 2 year warranty.
- Blocks sold separately.

Model	Block Capacity	Unit	Stock#	PRICE
88870001	1	EA	038-3061	$372.60
88870002	2	EA	038-3062	$413.10
88870003	4	EA	038-3063	$499.50

Prices subject to change.

DRY BATHS, BLOCK HEATERS & ACCESSORIES

Thermo Scientific Digital Dry Bath/Block Heater Modular Blocks

Made of aluminum alloy to provide for easy cleaning and disinfecting. These interchangeable modular blocks are available in many different configurations to accommodate a variety of vessels and applications. These modular blocks are for use in #038-3061, #038-3062, and #038-3063.

Model	Block Size	Block Capacity	Unit	Stock#	PRICE
88870101	4.9"W x 3.0"D x 1.5"H	46 x 6 mm tubes	EA	038-3080	$76.39
88870102	4.9"W x 3.0"D x 1.5"H	28 x 10 mm tubes	EA	038-3081	$76.39
88870103	4.9"W x 3.0"D x 1.5"H	28 x 1.5 mL tubes	EA	038-3082	$70.26
88870104	4.9"W x 3.0"D x 1.5"H	28 x 2.0 mL tubes	EA	038-3083	$70.26
88870105	4.9"W x 3.0"D x 1.5"H	24 x 13 mm tubes	EA	038-3084	$78.80
88870106	4.9"W x 3.0"D x 1.5"H	15 x 16 mm tubes	EA	038-3085	$94.67
88870107	4.9"W x 3.0"D x 1.5"H	12 x 18 mm tubes	EA	038-3086	$94.67
88870108	4.9"W x 3.0"D x 1.5"H	8 x 20 mm tubes	EA	038-3087	$76.39
88870109	4.9"W x 3.0"D x 1.5"H	6 x 25 mm tubes	EA	038-3088	$76.39
88870110	4.9"W x 3.0"D x 1.5"H	40 x 0.5 mL tubes	EA	038-3089	$83.63
88870111	4.9"W x 3.0"D x 1.5"H	1 x 96-well ELISA	EA	038-3090	$70.26
88870112	4.9"W x 3.0"D x 1.5"H	32 x 6 mm; 21 x 10 mm tubes	EA	038-3091	$99.31
88870113	4.9"W x 3.0"D x 1.5"H	18 x 1.5 mL; 10 x 2.0 mL tubes	EA	038-3092	$99.31
88870114	4.9"W x 3.0"D x 1.5"H	12 x 13 mm; 6 x 6 mm tubes	EA	038-3093	$136.44
88870115	4.9"W x 3.0"D x 1.5"H	30 x 0.5 mL; 20 x 0.2 mL tubes	EA	038-3094	$136.44
88870116	4.9"W x 3.0"D x 4.55"H	15 x 15 mL Flat bottom tubes	EA	038-3095	$163.36
88870117	4.9"W x 3.0"D x 4.55"H	4 x 50 mL Flat bottom tubes	EA	038-3096	$163.36
88870118	4.9"W x 3.0"D x 4.55"H	15 x 15 mL Conical bottom tubes	EA	038-3097	$329.51
88870119	4.9"W x 3.0"D x 4.55"H	4 x 50 mL Conical bottom tubes	EA	038-3098	$329.51
88870120	4.9"W x 3.0"D x 1.5"H	1 x 96-well 0.2 mL Nonskirted PCR plate	EA	038-3099	$183.78
88870121	4.9"W x 3.0"D x 2.17"H	1 x 96-well 0.2 mL Half or full skirted PCR plate	EA	038-3100	$210.70

INCUBATORS

Boekel Dry Bath Incubators

Designed to accommodate an assortment of interchangeable heating block modules. They are reliable and economical and ideal for a variety of applications. 115V. 2-year warranty.

Model	Block Capacity	Temp. Range	Unit	Stock#	PRICE
Digital					
113002	2	0.1°C to 120°C	EA	068-3113	$799.56
113004	4	0.1°C to 120°C	EA	068-3114	$1,022.80
Analog					
112001	1	up to 150°C	EA	068-3115	$347.18
112002	2	up to 130°C	EA	068-3116	$452.85
112004	4	up to 130°C	EA	068-3117	$696.48
Accessories					
110002LID	Acrylic cover for 1 & 2 block dry baths		EA	068-3110	$101.25

Call Customer Service at 800-826-8302

INCUBATORS

Boekel Heating Block Modules

Precision-machined solid aluminum blocks that are designed in many different tube configurations. Each block has a well for a thermometer (not included) and a block extractor hole. They are interchangeable between the analog and digital dry bath incubator models. These anodized blocks resist corrosion and feature alpha/numerical labeled rows and columns for easy vessel identification.

Model	Block Size	Block Capacity	Unit	Stock#	PRICE
110006	3"W x 3.75"L x 2"H	35 x 6 mm tubes	EA	068-3021	$81.83
110010	3"W x 3.75"L x 2"H	20 x 10 mm tubes	EA	068-3022	$81.83
110013	3"W x 3.75"L x 2"H	20 x 13 mm tubes	EA	068-3023	$81.83
110016	3"W x 3.75"L x 2"H	12 x 16 mm tubes	EA	068-3024	$81.83
110020	3"W x 3.75"L x 2"H	6 x 20 mm tubes	EA	068-3026	$81.83
110025	3"W x 3.75"L x 2"H	6 x 25 mm tubes	EA	068-3025	$81.83
110051	3.75"W x 5.25"L x 1.75"H	1 x 96 well microplate	EA	068-3027	$202.99

Thermco® Block Heater Thermometers

Mercury and spirit thermometers designed for block heater, water bath and agar tempering measurements. Readings in 0.5°C divisions. Individually serialized and meets NIST tolerances for accuracy. 35 mm immersion. Note: some of these products contain mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering.

Range	Divisions	Length	Teflon Coated	Unit	Stock#	PRICE
Mercury-Filled						
25° to 57°C	0.5°C	175 mm	Yes	EA	195-3006	$47.49
25° to 57°C	0.5°C	175 mm	No	EA	195-3007	$39.78
20° to 70°C	0.5°C	175 mm	Yes	EA	195-3026	$30.30
Spirit-Filled						
25° to 57°C	0.5°C	175 mm	Yes	EA	195-3036	$47.49
25° to 57°C	0.5°C	175 mm	No	EA	195-3041	$39.78
0° to 100°C	0.5°C	225 mm	No	EA	511-3647	$32.43

Incubators & Ovens

Nelson-Jameson offers incubators and ovens to accommodate your requirements for drying and curing of product samples. Incubators are available in gravity convection, or mechanical and gravity (dual convection) styles. Standard capacities range from compact models (0.6 cu. ft.) to approximately 12.0 cu. ft. Ovens are available in gravity or mechanical convection in capacities from 2.3 cu. ft. to 10.6 cu. ft. Contact our customer service department with your required specifications.

SHEL LAB® Economy Lab Incubators

Delivers a degree of temperature uniformity usually found only in more expensive, application-specific models. Triple wall construction allows heated air to circulate within an open plenum between the inner chamber and exterior walls. This design does not require blowers or fans within the incubator chamber where samples are susceptible to cross contamination. This superior line of incubators has created a level of comfort and convenience for professionals that is unrivaled. Features include: hydraulic temperature controller, unique warm air jacket design, small foot print, adjustable shelves, positive lock door latch. Unit comes with 2 shelves and can have a maximum of 6 shelves. 120V (220V units are available). Temperature range: 5°C above ambient to 70°C. Temperature uniformity: ±0.5°C at 37°C. 1-year limited warranty. Made in the USA.

Model	Capacity	Chamber (w x d x h)	Exterior (w x d x h)	Microprocessor Controller	Unit	Stock#	PRICE
SMI4E	4 cu ft	16" x 19" x 22"	21" x 24.5" x 31.5"	No	EA	586-3004	$641.58

Prices subject to change.

SHEL LAB® Microbiological Incubators

This line of incubators offers a high level of performance due to a precise microprocessor controller and a unique warm air jacket design. Triple wall construction allows heated air to circulate within an open plenum between the inner chamber and exterior walls. This design does not require blowers or fans within the incubator chamber where samples are susceptible to cross contamination and the drying effects of convection. Five strategically placed heating elements, including a heated outer door, ensure uniform heating, even when the incubator chamber is fully loaded. Features include: microprocessor control, independent over temperature thermostat, unique warm air jacket design, interior outlet, heated outer door, inner glass viewing door, small foot print, stainless steel interior, UL approved. 115V (220V units are available). Temperature range: 8°C above ambient to 70°C. Temperature uniformity: ±0.35°C at 37°C. 2-year limited warranty. Made in the USA.

Model	Capacity	Chamber (w x d x h)	Exterior (w x d x h)	Shelves Included (Max)	Configuration	Unit	Stock#	PRICE
SMI2	2 cu ft	15" x 15" x 15"	22" x 22" x 27.3"	2 (6)	Bench top	EA	586-3005	$1,813.42
SMI6	6 cu ft	19.2" x 20" x 25.7"	25.5" x 27.3" x 38"	3 (12)	Floor model	EA	586-3006	$2,570.74
SMI7	7 cu ft	23.7" x 24" x 19.7"	30" x 31.8" x 32.3"	2 (9)	Under counter	EA	586-3162	$2,926.51
SMI11	11 cu ft	36.2" x 20" x 25.7"	42.5" x 27" x 38"	6 (12)	Double doors	EA	586-3007	$4,726.11
SMI12	12 cu ft	2-19.2" x 20" x 25.7"	25.5" x 27.3" x 75.8"	6 (24)	Dual/stacked	EA	586-3008	$5,211.41

SHEL LAB® Large Capacity Incubators

Provides extra large capacities while minimizing the amount of floor space needed. The temperature in this large space is kept uniform by integrating a highly responsive microprocessor with an appropriately sized heating element. An independent secondary temperature controller offers the added security of over temperature protection. Unique forced air circulation system creates a one-pass circulation pattern that provides both exceptional temperature uniformity and rapid heat recovery. The chamber floors are ruggedly reinforced to support roller apparatus or shakers. This unit is supplied with six sturdy shelves that will not sag or bend under heavy loads. Features include: microprocessor control, solid door with viewing window, roller bottle apparatus accommodation, interior outlet, powder coated white interior. 115V (220V units are available). Temperature range: 8°C above ambient to 70°C. Temperature uniformity: ±0.8°C at 37°C. 2-year limited warranty. Made in the USA.

Model	Capacity	Chamber (w x d x h)	Exterior (w x d x h)	Shelves Included (Max)	Unit	Stock#	PRICE
SMI31	30.8 cu ft	32.2" x 26" x 63.5"	38.5" x 34" x 75.3"	6 (16)	EA	586-3009	$6,296.01
SMI39	38.6 cu ft	35" x 26" x 73.2"	41.5" x 34.8" x 87.5"	6 (20)	EA	586-3010	$8,337.40

Quincy Lab 140 Series Incubators

The versatile 140 series incubators from Quincy Lab were custom-developed for laboratories that need a dependable, compact incubator for cultures, test kits, eggs and biologicals. They feature an operating range of ambient +2 to 62°C. Select from the economy of analog control or the accuracy and convenience of digital, from light-pressure thermal convection. All units feature high grade aluminum interiors, cold-rolled steel exteriors powder coated in Quincy's "clean room" ivory, and a bronze acrylic see-through door. Control panel includes illuminated power switch and heat cycle pilot light. Standard equipment includes 1-fixed and 1-adjustable chrome-plated wire shelf. Analog models include an environmentally friendly spirit thermometer. Digital models include selectable C or F unit in 0.1 display resolution and a continuous self-diagnostic function that prompts if control malfunctions or thermocouple fails. All units UL and C/UL listed for laboratory equipment. Full 18 month warranty.

Model	Capacity	Interior (W x D x H)	Exterior (W x D x H)	Digital	Uniformity	Unit	Stock#	PRICE
10-140	0.7 cu ft	12" x 10" x 10"	13" x 15" x 11"	No	±0.75°C	EA	397-3130	$355.50
12-140	2 cu ft	18" x 16" x 12"	19" x 21" x 13"	No	±0.75°C	EA	397-3140	$463.50
10-140E	0.7 cu ft	12" x 10" x 10"	13" x 15" x 11"	Yes	±0.5°C	EA	397-3131	$594.00
12-140E	2 cu ft	18" x 16" x 12"	19" x 21" x 13"	Yes	±0.5°C	EA	397-3141	$742.50

Call Customer Service at 800-826-8302

ICUBATORS & REFRIDERATED INCUBATOR

Quincy Lab 180 Series Incubators

The Quincy Lab 180 series incubators pick up where the 140 series leaves off as far as temperature range with an operating range of ambient +3 to 93°C. This series was also developed for laboratories that need a dependable, compact incubator for cultures, test kits, eggs and biologicals. Select from the economy of analog control or the accuracy and convenience of digital, from light-pressure thermal convection. All units feature high grade aluminum interiors, cold-rolled steel exteriors powder coated in Quincy's "clean room" ivory, and a steel door. Control panel includes illuminated power switch and heat cycle pilot light. Standard equipment includes 1-fixed and 1-adjustable chrome-plated wire shelf. Analog models include an environmentally friendly spirit thermometer. Digital models include selectable °C or °F unit in 0.1 display resolution and a continuous self-diagnostic function that prompts if control malfunctions or thermocouple fails. All units UL and C/UL listed for laboratory equipment. Full 18 month warranty.

Model	Capacity	Interior (W x D x H)	Exterior (W x D x H)	Digital	Uniformity	Unit	Stock#	PRICE
10-180	0.7 cu ft	12" x 10" x 10"	13" x 15" x 11"	No	±0.75°C	EA	397-3180	$378.00
12-180	2 cu ft	18" x 16" x 12"	19" x 21" x 13"	No	±0.75°C	EA	397-3190	$486.00
10-180E	0.7 cu ft	12" x 10" x 10"	13" x 15" x 11"	Yes	±0.5°C	EA	397-3181	$621.00
12-180E	2 cu ft	18" x 16" x 12"	19" x 21" x 13"	Yes	±0.5°C	EA	397-3191	$760.50

Boekel Mini Incubator

Ideal for incubating small groups of plates in the field or lab. Compact (0.1 cu. ft.), and economical. The heating element is located behind the panel of the incubator to reduce the risk of scorching samples placed on the floor. Kydex® outer body with aluminum interior. Door features smoke gray plastic that allows samples to be viewed without opening the chamber. Flat digitemp strip on the bottom of the chamber indicates temperature. Temperature range: Ambient ±5 °C to 42°C.

Model	Interior	Exterior	Unit	Stock#	PRICE
AC incubator	7"W x 5"D x 6"H	8"W x 7"D x 6"H	EA	068-3001	$291.07

3M™ Incubator

This Boekel incubator designed for 3M is ideal for incubating up to 300 Petrifilm™ plates. This compact unit features a steel door and extra insulation. Spirit thermometer and two removable wire shelves are included. Volume: 0.8 cu. ft. Ambient to 70°C. Accuracy ±2° at 62°C.

Model	Interior	Exterior	Unit	Stock#	PRICE
6426	11½"L x 12"W x 10½"H	14"L x 13"W x 16¼"H	EA	460-3426	$490.30

SHEL LAB® Refrigerated Incubators

Meets APHA specifications for Biochemical Oxygen Demand (B.O.D.) and includes a mechanical convection system to ensure even air distribution, an overload-protected refrigeration system, digital temperature set controller, safety high/low limit controls, and a digital temperature display. Units defrost automatically and the white interior makes cleaning easy. Gentle, continuous forced-air circulation ensures temperature uniformity and reproducible test conditions. In addition, units are equipped with a hermetically-sealed compressor and a circuit breaker to protect from electrical overload. These units have a steel exterior with welded seams and corners and a double-coated, baked enamel finish. A one amp interior outlet allows use of shakers, stirrers, roller bottles, or other apparatus. Units are supplied with adjustable leveling feet and condensation drip tray. Commonly used applications include B.O.D. determinations, fermentation studies, and bacterial culturing. Temperature Range: 0°C to 45°C at 20°C ambient. Temperature Uniformity: ±0.5°C at 20°C. 120V (220V units are available). 2-year limited warranty. Made in the USA.

Model	Capacity	Interior	Exterior	Shelves Included	Unit	Stock#	PRICE
SRI3	2.4 cu ft	16"W x 12"D x 21.5"H	24"W x 21"D x 33.8"H	2	EA	586-3020	$2,313.89
SRI20	20.3 cu ft	27"W x 23"D x 56.5"H	34.5"W x 34.5"D x 77.5"H	4	EA	586-3021	$5,078.97

Prices subject to change.

Lab/Culture Chest Freezers

Can be used for multiple applications and are ideal for storing ingredients or cultures. CFC free. The outer shell is made of heavy gauge steel and the inner shell is made of heavy gauge corrosion resistant zinc coated steel. Features include a digital temperature control and audible alarm system. -40°C model is for short term culture storage (3 weeks) and the -85°C model is for longer term culture storage (up to 3 months). Other sizes are available.

Capacity	Temp. Range	Interior Dimensions	Exterior Dimensions	Unit	Stock#	PRICE
5 cu ft	Down to -40°C	27"H x 21"W x 16"D	35"H x 28"W x 24"D	EA	399-3000	$3,137.50
5 cu ft	-40°C to -85°C	16"H x 30"W x 18"D	47"H x 40½"W x 32"D	EA	399-3001	$5,849.71

Lindberg/Blue M™ Vacuum Ovens

Designed for drying, curing, aging, process control, and other applications that require elevated temperatures in reduced atmospheres or vacuum/purge for use with non-flammable, non-corrosive inert gases only. Microprocessor control, built-in overtemperature protection and fully flexible vacuum/purge/release system for a range of uses. Deluxe stainless steel finish. Solid outer door over inner viewing window door standard on stainless steel models. Temperature range: 6°C above ambient to 260°C. Uniformity: ±3.5% of setpoint, nominal (actual performance may vary depending on sample placement and atmospheric conditions). Digital microprocessor control with simultaneous LED display of setpoint and actual temperature. Connect to vacuum pump or in-house vacuum source. Includes inert gas port, vacuum port and vent port. VO914SA and VO1218SA models include 3 removable shelves. VO182SA model includes 2 removable shelves on fixed position shelf guides. 120V.

Model	Volume	Interior	Exterior	Unit	Stock#	PRICE
VO914SA-1	0.65 cu. ft.	9" x 14" x 9"H	18" x 23" x 26"H	EA	038-3914	$5,480.56
VO1218SA-1	1.5 cu. ft.	12" x 18" x 12"H	21" x 26" x 29"H	EA	038-3218	$8,079.47
VO1824SA-1	4.5 cu. ft.	18" x 24" x 18"H	27" x 32" x 35"H	EA	038-3824	$16,400.46

SHEL LAB® Economy Vacuum Ovens

Built with a stainless steel chamber for exceptional durability. This unit is durably constructed with seamless welds and strong bracing - solid brass vacuum valves with Teflon® seats to prevent leaks are used. The double plenum design meets CE safety requirements resulting in a cool outer surface. The doors on these units have positive latch handles with spring-loaded glass to facilitate a good vacuum seal without hinge binds that shorten the gasket life. A selection of gaskets (for specific applications) and a small bench top footprint increase the versatility of these ovens. The unique cross-flow ventilation forces inert gas to fill the entire chamber. The Shel Lab family of vacuum ovens are outstanding in any application. Other features include: Teflon seated vacuum valves and built-in over temperature protection. Analog temperature control. Temperature range: ambient +15°C to 210°C. Temperature uniformity ±3°C at 60°C, ±9°C at 120°C, ±13°C at 200°C. Analog dial vacuum gauge. 120V (220V units are available). 2-year limited warranty. Made in the USA.

Model	Capacity	Interior	Exterior	Shelves Included	Unit	Stock#	PRICE
SVAC1E	0.6 cu ft	9"W x 12"D x 9"H	15.5"W x 19"D x 22.5"H	2	EA	586-3060	$1,764.19
SVAC2E	1.7 cu ft	12"W x 20"D x 12"H	18.5"W x 27.8"D x 25.3"H	2	EA	586-3061	$2,116.52

Call Customer Service at 800-826-8302

OVENS

SHEL LAB® Digital Vacuum Ovens

Built with a stainless steel chamber for exceptional durability and constructed with seamless welds and strong bracing. The double plenum design meets CE safety requirements resulting in a cool outer surface. Our unique cross-flow ventilation forces inert gas to fill the entire chamber. To achieve required vacuum levels, users can choose from a 3/8 inch orifice or a KF25 fitting to withstand heavy use and minimize draw-down time. Maximum permitted end vacuum is 10 mTorr. Leak rate is 10 mTorr per hour. The doors on these units have positive latch handles with spring-loaded glass to facilitate a good vacuum seal without hinge binds that shorten the gasket life. Equipped with silicone gaskets. Other features include: capable of 40 step ramp and soak profiles, or 4 files with 10 steps per file, can achieve impressive vacuum levels, and built-in over temperature protection. Digital temperature and vacuum controls. Temperature range: ambient + 10°C to 220°C. Temperature uniformity: ±6% of set point. 120V (220V units are available). 2-year limited warranty. Made in the USA.

Model	Capacity	Interior	Exterior	Shelves Included	Unit	Stock#	PRICE
SVAC1	0.6 cu ft	9"W x 12"d x 9"H	17.5"W x 22.8"D x 23.5"H	3	EA	586-3062	$3,957.57
SVAC2	1.7 cu ft	12"W x 20"D x 12"H	20.5"W x 29.5"D x 26.3"H	3	EA	586-3063	$5,076.70
SVAC4	4.5 cu ft	18"W x 24"D x 18"H	26.5"W x 34.5"D x 32.3"H	3	EA	586-3064	$9,820.09

SHEL LAB® Economy Gravity Convection Ovens

Features a gravity convection design for efficient heating. The double wall insulation and two inches of industrial fiberglass insulation help to minimize heat loss. The low watt density heater keeps temperatures uniform and keeps your energy consumption down. Key features include: three inch adjustable port, stainless steel shelves adjustable on 1/2″, independent hydraulic over temperature safety, high temperature silicone door seal, no exposed heating elements, wraparound insulation for excellent heat retention, durable powder coat paint exterior finish, and thermometer supplied. 115V (220V units are available). Temperature range: 8°C above ambient to 200°C. Temperature uniformity: ±4°C at 100°C. 2-year limited warranty. Made in the USA.

Model	Capacity	Interior	Exterior	Shelves Included (Max)	Unit	Stock#	PRICE
SGO1E	1 cu ft	12"W x 12"D x 12"H	16"W x 17.5"D x 18.5"H	1 (4)	EA	586-3030	$937.80
SGO4E	4 cu ft	17"W x 17.5"D x 22"H	23.3"W x 20"D x 31"H	2 (6)	EA	586-3032	$1,118.28
SGO6E	6 cu ft	20"W x 19"D x 28"H	25"W x 24.5"D x 37.8"H	2 (8)	EA	586-3033	$1,575.08

SHEL LAB® Gravity Convection Ovens

Sure load shelf system, triple wall construction and easy-to-read microprocessor controls can be found in these SHEL LAB Gravity Convection Ovens! Adjust the air exhaust from the chamber without putting your fingers near the heat source. Even at temperatures of 225°C the outer skin of this unit meets all CE requirements, meaning your application will stay hot but your workspace will not. This gravity convection oven provides a degree of uniformity comparable to most forced air ovens on the market. The 99 min 59 hr digital timer has an independent control so its use is optional. Once the timer expires the power is cut to only the heating elements. Features include: non-tip shelves, superb temperature control, and cool touch damper. 115V (220V units are available). Temperature range; 15°C above ambient to 225°C. Temperature recovery: 11 mins at 150°C. Heat-up time: 36 mins at 150°C. 2-year limited warranty. Made in the USA.

Model	Capacity	Interior	Exterior	Shelves Included (Max)	Uniformity @ 150°C	Unit	Stock#	PRICE
SGO1	1.5 cu ft	13"W x 13.7"D x 14.5"H	21.5"W x 21.5"D x 32"H	2 (4)	±2°C	EA	586-3034	$1,758.15
SGO3	3.4 cu ft	16.5"W x 19.2"D x 18.7"H	26"W x 27.5"D x 35.5"H	2 (8)	±4.5°C	EA	586-3035	$2,103.57
SGO5	5.4 cu ft	19.2"W x 20"D x 25.7"H	25.5"W x 27.3"D x 38"H	2 (8)	±2°C	EA	586-3036	$2,590.60

Prices subject to change.

OVENS

SHEL LAB® Economy Forced Air Ovens

Offers the benefits of mechanical convection but at an economical price. Three inch adjustable exhaust port, stainless steel shelves, adjustable on two inch increments, independent over temperature safety, high temperature silicone door seal, no exposed heating elements, wrap-around insulation for excellent heat retention, durable powder coat paint exterior finish, digital timer, thermometer and clip supplied. Two shelves included. 115V (220V units are available). Temperature range: 40°C to 200°C. Temperature uniformity: ±3.5°C at 100°C. Heat-up time 22 mins at 100°C. 2-year limited warranty. Made in the USA.

Model	Capacity	Interior	Exterior	Unit	Stock#	PRICE
SMO1E	1.7 cu ft	17"W x 10.5"D x 16.7"H	21.8"W x 19"D x 24"H	EA	586-3040	$1,215.85
SMO3E	3.5 cu ft	17.5"W x 15.7"D x 22"H	20.5"W x 26"D x 31.7H"	EA	586-3041	$1,689.07

SHEL LAB® Forced Air Ovens

Incorporates the sure load shelf system, triple wall construction, and easy-to-read micro-processor controls. Users can adjust the air exhaust from the chamber without being near the heat source. Even at operating temperatures of 225°C, the outer skin of this unit meets all CE requirements, so workspaces remain cool. The 99 hr 59 min digital timer has an independent control, so its use is optional. Once the timer expires, the heating elements turn off while the blower continues running to cool the samples inside the oven. Whatever the application, these forced air ovens deliver precise uniformity, air distribution and the peace of mind expected from the SHEL LAB brand. All ovens in this series are CE approved. Features include: non-tip shelves, microprocessor controls, horizontal air flow, and cool touch damper. 115V (220V units are available). Temperature range: 15°C above ambient to 225°C. Temperature uniformity: ±2.5°C at 150°C. Temperature recovery: 8 mins at 150°C. Heat-up time: 36 mins at 150°C. 2-year limited warranty. Made in the USA.

Model	Capacity	Interior	Exterior	Shelves Included (Max)	Unit	Stock#	PRICE
SMO1	1.5 cu ft	13"W x 13.7"D x 14.5"H	21.5"W x 21.5"D x 32"H	2 (4)	EA	586-3043	$2,136.38
SMO3	3 cu ft	16.5"W x 19.2"D x 16.5"H	26"W x 27"D x 35.5"H	2 (8)	EA	586-3044	$2,277.13
SMO5	5 cu ft	21"W x 19.2"D x 21"H	30.5"W x 27.5"D x 40"H	2 (8)	EA	586-3045	$3,107.70

SHEL LAB® Large Capacity Forced Air Ovens

Economical oven space with forced blower-assisted airflow design. Offers excellent temperature uniformity and fast recovery. The independent over temperature safety feature is user adjustable and provides added safety. A turbo blower and heavy-duty motor combine to direct air over the shelves and samples for even, constant drying, curing and baking. These units are especially ideal for glassware drying. Some features include: three inch adjustable exhaust port, stainless steel shelves, high temperature silicone door seal, no exposed heating, wrap-around insulation, and a durable powder coat paint exterior finish. 220V. Temperature range; 15°C above ambient to 260°C. Temperature uniformity: ±3.5°C at 150°C. Temperature recovery time: 10 mins at 150°C. Heat-up time: 24 mins at 150°C. 2-year limited warranty. Made in the USA.

Model	Capacity	Interior	Exterior	Shelves Included (Max)	Unit	Stock#	PRICE
SMO14-2	13.7 cu ft	30.7"W x 24.7"D x 31"H	37.8"W x 34"D x 48"H	3 (8)	EA	586-3046	$4,157.04
SMO28-2	27.5 cu ft	30.7"W x 25"D x 62"H	37.5"W x 35"D x 78.3"H	6 (16)	EA	586-3047	$5,583.60

Call Customer Service at 800-826-8302

VACUUM PUMPS

Oil-Less Vacuum Pump

Ideal for lab applications requiring low vacuum capacity, this rotary vane vacuum pump fits the bill. 100% oil-less. Operation is cool, as well as quiet. Vacuum regulators and discharge silencers are included.

- Flow (SCRM @ 0 in. Hg): 2.8.
- Maximum Vaccum: 25.5 in/Hg.
- HP: 0.32.

Unit	Stock#	PRICE
EA	134-3044	$762.38

Becker U 4.20 Oil-Flooded Vacuum Pump

An oil-flooded rotary vane vacuum pump. It is designed to operate on a continuous basis, and is intended for operation from about 275 torr (19"HgV) to their ultimate pressure of 0.7 torr (29.9"HgV). It is an extremely compact, direct drive unit supplied with a TEFC electric motor. Each pump is supplied with an exhaust box that includes an oil supply and several stages of oil separation. The oil separators ensure a clean, oil-free exhaust. The Becker U 4.20 pump has a reputation for being exceptionally quiet.

- Flow (SCFM @ 0 in. Hg): 12.4.
- Ultimate Vacuum (Torr): 0.7.
- Horsepower: 0.9.

Description	Unit	Stock#	PRICE
Vacuum pump, model U4.20	EA	134-3211	$3,142.13
Accessories			
Vacuum pump oil	QT	134-3207	$21.19
Vacuum pump air filter	EA	134-3204	$22.29
Vacuum pump oil filter	EA	134-3205	$101.52
Vacuum pump oil separation element (for U4.20 pump)	EA	134-3215	$80.32

High Vacuum Pump

This direct drive vacuum pump from Fischer Technical Company provides the best performance/cost ratio available today. Able to support vacuum ovens and other demands for your lab. Features: two-stage pump, rotary sliding oil vanes, gas ballast, 0-30 Hg gauge. Ready to operate, complete with initial supply of high vacuum pump oil. Specifications: 85 liters (3 cu.ft.) per minute, 1725 RPM, 1/2 HP, 3/8" OD intake port. Operating temperature (ambient air) 30° to 170°F. Optional exhaust filter threads onto handle. 110V. 2-year parts and labor warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
LAV-3/G	High vacuum pump	EA	700-3528	$693.65
Accessories				
OIL-012	Vacuum pump oil	QT	700-3512	$8.84
LAV-EF	Exhaust filter	EA	700-3533	$51.99
GA-RUBGAS	Replacement gasket, rubber, for plate	EA	700-3515	$11.75
GA-001	Cast iron plate	EA	700-3511	$227.39
AP-001	Acrylic plate	EA	700-3527	$102.33

Prices subject to change.

TYGON® R-3603 Vacuum Tubing

Clear vacuum tubing with extra-heavy walls and low vapor pressure. Withstands full vacuum at normal room temperatures up to 27″ Hg at 60°C. Very chemical resistant and will not swell closed if vacuum pump oil backs up into the tubing.

ID	OD	Wall	Pkg	Unit	Stock#	PRICE
¼"	⅝"	3/16"	50'/roll	FT	155-3970	$10.44

Black Rubber Pressure and Vacuum Tubing

ID	OD	Wall	Pkg	Unit	Stock#	PRICE
⅜"	⅞"	¼"	Ft	FT	155-3982	$9.89
½"	1"	¼"	12 ft/pk	PK	220-3379	$180.87
⅝"	1⅜"	⅜"	12 ft/pk	PK	220-3381	$320.16

Disposable Aluminum Dishes

Versatile round aluminum dishes can be used as an evaporating dish, weighing dish, parts container, dust cover, and more. Flat bottom to improve sample handling. Features include crimped sides for rigidity, sturdy gauge aluminum for heavy-duty use and tabs for sample numbers. #201-3011 has smooth walls and slightly protruding lip for easy separation. 100/box; 10 boxes/case.

Size	Unit	Stock#	PRICE
43 mm	BX	021-3004	$4.83
57 mm	BX	021-3005	$5.80
70 mm	BX	021-3006	$8.09
70 mm	BX	021-3011	$8.98

Reusable Moisture Dish with Lid

Heavy-duty aluminum dishes with indented lids. Stackable. Meet APHA/AOAC standards. 10/tube.

Size	Unit	Stock#	PRICE
57 mm x 30 mm	TB	203-3006	$27.51

Aluminum Moisture Dish

Reusable heavy-duty aluminum moisture pan with lid. Sold 6/pack.

Size	Capacity	Unit	Stock#	PRICE
51 mm x 25 mm (2″ x 1″)	52 mL	PK	715-3311	$27.13

Glass Fiber Pads

Great for moisture testing. Pads prevent fat loss due to spattering.

Size	Pkg	Description	Unit	Stock#	PRICE
Circles					
5.5 cm / 2⅜" dia	100/pk	S&S	PK	585-3020	$47.37
5.5 cm / 2⅜" dia	100/pk	Whatman	PK	741-3020	$45.83
9 cm / 3" dia	200/pk	Van Note	PK	187-3082	$30.57
11 cm / 4" dia	200/pk	CEM	PK	187-3003	$43.70
Squares					
11 x 11 cm / 4" x 4"	400/pk	CEM	PK	187-3004	$26.54
11 x 11 cm / 4" x 4"	400/pk	Van Note	PK	187-3104	$35.45
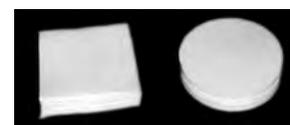
Call Customer Service at 800-826-8302

DESICCATORS & ACCESSORIES

Drierite® Drying Unit

Clear polycarbonate canister unit dries air or gas at pressures up to 90 psig. Add up to 1-1/4 lbs. of Drierite (#154-3242) or silica gel (#154-3805). It provides a capacity of over 50 grams of water vapor. Maximum flow rate, 200 liters/hour. Includes: connections for tubing, desiccant support, plated steel coil spring, two filters, and Drierite. Hose barbs for 1/4" to 3/8" ID flexible tubing. Anodized aluminum cap.

Description	Unit	Stock#	PRICE
Drying unit	EA	155-3105	$91.80
Drierite felt pad	EA	293-3005	$2.25

Clear Plastic Desiccators

Strong, shatterproof desiccator made of clear polycarbonate. The space-saving design provides an average of 13% greater interior volume than standard hemispherical domes. Polypropylene plate is perforated for air transfer and rests on retaining ledge of the bottom section. A polypropylene stopcock with a Teflon® TFE plug which turns, allowing a slow, gentler entrance of air, preventing unnecessary turbulence and crucible damage. The stopcock is a highly visible red and has a port which accepts 6.4 mm (1/4") ID tubing. Center hole provides for easy removal. Includes cover.

ID	Unit	Stock#	PRICE
140 mm	EA	010-3356	$74.43
230 mm	EA	010-3010	$129.55

Glass Desiccator

Hand-made of extra heavyweight glass. Ground-on knob makes the cover easy to handle. Plate sold separately.

Description	ID	Unit	Stock#	PRICE
Desiccator w/cover	250 mm	EA	156-3310	$350.71
Replacement cover	250 mm	EA	156-3320	$96.76
Desiccator plate	230 mm	EA	156-3814	$240.01

Glass Desiccator with Porcelain Plate

Desiccator and cover are constructed of heavy, annealed glass for durability. Porcelain plate is glazed on one side and has large center hole for easy removal. Desiccant-holding chamber below plate has straight sides. Cover forms airtight seal when grease is applied to internal edge of flanges. 200 mm ID.

Description	Unit	Stock#	PRICE
Desiccator w/plate and cover	EA	156-3311	$287.10
Replacement cover	EA	220-3315	$114.44

Disposable Desiccant Cartridges

This clear polystyrene dish allows instant visual inspection of silica gel which changes from blue to pale pink as it works to absorb moisture. A highly porous membrane covers the dish of the desiccant, providing excellent absorption. Easily regenerated by heating cartridges in a 50°C oven overnight. For use in desiccator cabinets or non-vacuum desiccators, analytical balance cases and precision laboratory instruments. 65 mm (4") diameter. 6/pack.

Unit	Stock#	PRICE
PK	010-3048	$73.93

Silica Gel Indicating Desiccant

Silica gel is extremely efficient in absorbing large volumes of liquids, water, hydrocarbons, ketones, steroids, esters, and inorganic acids. It is an inert, odorless, non-poisonous, highly porous form of nearly pure silica. Blue color changes to pink as it absorbs moisture. Regenerated by heating 175° to 250°C. Granular 10-18 mesh.

Size	Unit	Stock#	PRICE
500 g	JR	154-3805	$61.20
2.5 kg	BO	220-3807	$326.93

Drierite® Indicating Desiccant

Eliminate problems caused by humidity with Drierite. This anhydrous calcium sulfate is an all-purpose desiccant for drying air, gases, refrigerants, organic liquids, mixed solvents, or atmosphere in storage spaces or packages. Non-poisonous. Absorbs 10 to 14% by weight when drying gases. Changes from blue to red to show absorption of moisture. Regenerated by heating. 8 mesh. 4/case.

Size	Unit	Stock#	PRICE
5 lb	JR	154-3242	$75.38

Prices subject to change.

MOISTURE BALANCES & ACCESSORIES

METTLER TOLEDO HC103 Halogen Moisture Analyzer

Make routine moisture determination easy with the HC103 Halogen Moisture Analyzer, which combines proven METTLER TOLEDO weighing technology with fast halogen heating. The compact design saves space, while the robust components guarantee a long instrument lifetime, whether you work in a busy laboratory or a harsh production environment. With touchscreen operation and user guidance, the HC103 is convenient and easy to use. The robust design ensures reliable results for years to come, whatever types of samples you have. It's the perfect choice for quality control and in-process control applications. Intuitive to operate and easy to clean, the HC103 brings a new level of comfort to your daily moisture analyzing tasks. 1-wear warranty.

METTLER TOLEDO

Capacity	Readability	Accuracy (2 g)	Accuracy (10 g)	Unit	Stock#	PRICE
0.5 g - 101 g	1 mg	0.10%	0.015%	EA	340-3956	$4,374.35

Foil pans, 4" wide, 80/box

				Unit	Stock#	PRICE
				BX	340-3865	$75.00

Ohaus® MB27 Halogen Moisture Analyzer

The MB27 Moisture Analyzer provides accurate results at 0.01% (0.001g). With a large capacity of 90g, it is ideal for food, agriculture, chemical, pharmaceutical and other applications that require measurements. Set up and operation is extremely easy. Just press and hold the temperature or time buttons to set drying parameters. Ideal for routine tasks performed by operators of all skill levels. The compact footprint (17 Þ 14 Þ 28 cm) of the Ohaus MB27 is designed to take up less space. The easy-to-clean heating chamber is ideal for frequent use and inexpensive maintenance. 1-year warranty.

Capacity	Readability	Accuracy (3 g)	Accuracy (10 g)	Unit	Stock#	PRICE
90 g	0.001 g	0.2%	0.05%	EA	500-3030	$2,430.00

Ohaus® MB90 Ohaus Moisture Analyzer

Measuring moisture content has never been easier. The MB90's halogen heating distributes heat uniformly over the sample and speeds up the drying process, delivering fast and precise measurements. Designed for tool-free cleaning, its components can be easily removed for quick and easy maintenance. Operating the MB90 is intuitive with the icon-driven menu navigation on the touchscreen display. Applications: Percent Moisture Determination, Percent Moisture Regain Determination, Percent Solid Determination, Weighing. Features a 4.3" TFT color touchscreen display. 1-year warranty.

Capacity	Readability	Repeatability (3 g)	Repeatability (10 g)	Unit	Stock#	PRICE
90 g	0.001 g	0.18%	0.02%	EA	500-3031	$2,890.00

MB 120 Ohaus® Moisture Analyzer

The MB120 delivers functionality and precision that you can rely on, and is easy to operate and clean – you can test more samples in less time. Advanced features such as a temperature guide help to analyze optimum drying temperature, and methods and results storage allows statistical analysis of measurements. Three levels of user management ensure data safety - set up and lock temperature settings and method parameters with administrator access. Applications: Percent Moisture Determination, Percent Moisture Regain Determination, Percent Solid Determination, Weighing. Features a 4.3" TFT color touchscreen display. 1-year warranty.

Capacity	Readability	Accuracy (3g)	Accuracy (10g)	Unit	Stock#	PRICE
120 g	0.001 g	0.05%	0.015%	EA	500-3032	$3,561.50

Call Customer Service at 800-826-8302

MOISTURE BALANCES & ACCESSORIES

A&D Moisture Analyzers

Straight halogen lamp and uniquely designed Secondary Radiation Assist (SRA) filter gives shorter measurement time, due to fast and uniform heating. With Super Hybrid Sensor (SHS) featured as the weight sensor, accurate moisture content determination is possible. Measurement conditions can be stored and recalled, saving time and limiting user error. Five measurement programs are built into the unit, giving you the flexibility to measure moisture as desired. ID and data memory, RS-232C bi-directional interface, and WinCT-Moisture software included for MX-50 model. 5-year warranty.

Mfg Part #	Description	Capacity (g)	Readability (g)	Accuracy (1 g)	Accuracy (5 g)	Unit	Stock#	PRICE
MX-50	MX-50	51	0.001	.1%	.02%	EA	008-3050	$2,913.61
MF-50	MF-50	51	0.002	.2%	.05%	EA	008-3025	$2,364.15
Accessories								
AX-30	Sample pans, disposable, 100/bx					BX	008-3030	$52.01
AX-31	Sample pans, reusable, 100/bx					BG	008-3031	$95.00
AX-32-2	Glass fiber pads, 100/bx					BX	008-3032	$52.01
AX-38	In-use protective cover, 5/pk					EA	008-3038	$42.00
AX-39	Dust cover					EA	008-3039	$17.00

Sample Pans/Dishes for Moisture Balances

Use With	Pkg	Unit	Stock#	PRICE
Ohaus, METTLER TOLEDO HB43-S	50/bx, 10 bx/ca	BX	500-3011	$16.38
Ohaus, METTLER TOLEDO HB43-S	50/bx, 10 bx/ca	CA	187-3062	$114.29
Ohaus MB200	100/pk, 10 pk/ca	PK	500-3012	$20.55
Ohaus, METTLER TOLEDO HB43-S, for liquid samples	80/pk	PK	500-3086	$43.20

Cenco® Mechanical Moisture Balance Accessories

Description	Pkg	Unit	Stock#	PRICE
Moisture Balance Dishes				
Pans for solids, 4.5"	25/bx, 10 bx/ca	BX	191-3005	$8.24
Pans for liquids, 4.5"	25/bx, 10 bx/ca	BX	191-3030	$8.54
Replacement Parts For Cenco Moisture Balance				
Retainer pan		EA	107-3004	$46.05
Torsion wire, 5 g		EA	107-3007	$6.39
Lamp, 125 Watt		EA	107-3025	$37.13
Lamp, 250 Watt		EA	107-3026	$47.89

CEM Trac Film

CEM's proprietary Trac Film is proton-free specifically designed to be used with the SMART Trac (which is used for fat and moisture analysis) and will not interfere with NMR (nuclear magnetic resonance) analysis. Manufactured to the highest standards to ensure accurate results.

Component	Unit	Stock#	PRICE
5" x 5" sheets, 600 each/rl	RL	187-3875	$494.44

Prices subject to change.

WATER ACTIVITY

Rotronic Water Activity Meters

Rotronic Water Activity (aw) Meters offer the perfect solution for determining water activity by direct measurement in cheese, meat and other food products for qualitative analysis of product stability, shelf life, handling, physical characteristics and chemical stability. These aw meters are also used for powders, grains, pharmaceutical products, animal feed, seed, and more. Rotronic meters display 0.01 to 1.00 aw. Meets FDA 21 CFR part 11 and are GAMP5 compliant.
1-year warranty.

Rotronic Hygropalm 23-AW-A Water Activity Meter

The HygroPalm Water Activity Meter is a mobile, convenient and portable instrument to confirm product stability and indicate shelf life. It includes many advanced features in a handheld design specially configured to suit the water activity user. Two sample cup sizes are available: 14mm deep for small products (powders, grains) and 40mm deep for larger products (typically ready-to-eat products such as cheese, meat, etc.).
1-year warranty.

Features Include:

- 2 Input channels for HC2-aw station probes or HC2 insertion probes for measurement of water activity, relative humidity and temperature.
- aw Quick function for fast measurement results (typically 4-5 minutes).
- Audible alarm to indicate completed measurement.
- Saves up to 10,000 data records with aw, %RH, temperature C/F, date and time.
- Battery charging function.

Order meter only or as a kit. Kit includes: PH23-aw-A meter, HC2-aw probe, carry-case, WP40S dual cup holder, PS14 14mm sample cups (100ea) standard (or sub PS40 sample cups at time of order), certified humidity standards (5 each) 35%RH/0.35aw and 80%RH/0.80aw.

Mfg Part #	Description	Unit	Stock#	PRICE
HP23-AW-A Set	Portable Water Activity Kit	KT	574-3140	$2,950.00
HP23-AW-A	Portable Meter Only	EA	574-3141	$1,295.00

Rotronic HygroLab C1 Water Activity Meter

The HygroLab C1 is a high-end benchtop laboratory device for water activity measurements with up to four probes. Connect station probes and insertion probes for measuring water activity in cheese, meat, pharmaceutical products, and much more.

Features include:

- 4 Input channels for HC2-aw station probes or HC2 insertion probes.
- aw Quick function for fast measurement (typically 4-5 minutes).
- Audible alarm to indicate completed measurement.
- Saves up to 2,000 data records with aw, %RH, temperature C/F, date and time.

Order meter only or as a kit. Kit includes: HygroLab C1 meter, HC2-aw probe, WP40S dual cup holder, PS14 14mm sample cups (100ea), PS40 40mm sample cups (100ea), certified humidity standards (5 each) 0.5%RH/0.005aw, 10%RH/0.1aw, 35%RH/0.35aw and 80%RH/0.80aw.

Mfg Part #	Description	Unit	Stock#	PRICE
HygroLab C1 Set	Benchtop Water Activity Kit	KT	574-3120	$5,950.00
HygroLab C1	Benchtop Meter Only	EA	574-3121	$3,750.00

Rotronic Water Activity Insertion Probes

Used for direct measurement of water activity in bulk samples. Applications include powders, granules, grain and cereals. HC2-HP insertion probes feature a robust 10mm diameter stainless steel probe with replaceable sintered steel dust filter for measurement in dust bulk material. For dust free applications the HC2-PO5 fits perfectly with its laser cut slots.

Mfg Part #	Description	Unit	Stock#	PRICE
HC2-AW-Set	Water Activity Probe Set. Includes HC2-aw station probe, WP40S dual cup holder, PS14 & PS40 cups	ST	574-3130	$1,750.00
HC2-AW	HC2-aw station probe	EA	574-3122	$1,495.00
HC2-HP28	Insertion probe, 10mm x 280mm	EA	574-3131	$1,195.00
HC2-PO5	Insertion probe, 5mm x 200mm	EA	574-3133	$1,095.00

Accessories and Standards found on the next page...

Call Customer Service at 800-826-8302

WATER ACTIVITY

Rotronic Water Activity Meter Accessories

Mfg Part #	Description	Unit	Stock#	PRICE
PS14	14mm cups, 100/pk	PK	574-3123	$125.00
PS40	40mm cups, 100/pk	PK	574-3124	$140.00
WP40S	Dual 14mm/40mm cup holder with insert	EA	574-3125	$295.00
W24	Spare wire mesh filter, HC2-AW probe	EA	574-3126	$30.00
AC1212	Power Adapter, HP Series	EA	574-3127	$60.00
AC1211	Power Adapter, HygroLab C1	EA	574-3128	$60.00
AC1124	Carry-case, HP23 Portable Meter	EA	574-3129	$240.00

Rotronic Water Activity Meter Certified Humidity Standards

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
EA00-SCS	0.5%RH	5 vials/bx	BX	574-3150	$120.00
EA05-SCS	5%RH	5 vials/bx	BX	574-3151	$120.00
EA10-SCS	10%RH	5 vials/bx	BX	574-3152	$120.00
EA20-SCS	20%RH	5 vials/bx	BX	574-3153	$120.00
EA35-SCS	35%RH	5 vials/bx	BX	574-3154	$120.00
EA50-SCS	50%RH	5 vials/bx	BX	574-3155	$120.00
EA65-SCS	65%RH	5 vials/bx	BX	574-3156	$120.00
EA75-SCS	75%RH	5 vials/bx	BX	574-3157	$120.00
EA80-SCS	80%RH	5 vials/bx	BX	574-3158	$120.00
EA95-SCS	95%RH	5 vials/bx	BX	574-3159	$120.00

Equipment Repair Service

Nelson-Jameson can help save you money by offering repairs on a wide range of equipment and parts that you use daily. Options include repair, refurbish, rebuild and recertification. We even offer exchange-for-new on select items in our Process-Systems Department. Some repairs can be done at our facility, helping reduce your costs and down-time.

Please call for more information or an estimate on our repairable items below.

EQUIPMENT REPAIR
Centrifugal Pumps
Positive Displacement Pumps
Valves

PARTS REPAIR & EXCHANGE
Backplates
Pump Covers
Rotors
Valve Bodies
Valve Stems

If you have a repair need, but do not see it listed, please call us and we may be able to help!

REPAIR AND INSTRUMENTATION EXCHANGE
Pressure Gauges
Homogenizer Gauges
Thermometers
Electromagnetic Flowmeters
Turbine Flowmeters
Coriolis Flowmeters
Chart Recorders
Level Transmitters
Pressure Transmitters
Temperature Transmitters

HOSE END REATTACHMENT
Sanitary Food Grade
Strahman
Washdown

LAB EQUIPMENT REPAIR
Chloride Analyzer
pH Meters
Luminometers
Air Samplers
Stomachers
Cryoscopes
Balances & Scales
Moisutre Balances
Digital Thermometers
Centrifuges
Refractometers
Pipettors

LAB RECERTIFICATION
Calibration Weights
Digital Thermometers
Glass Thermometers

Prices subject to change.

Thermo Scientific Cimarec+™ Hotplates/Stirrers

The new Cimarec+ series of digital stirrers, hot plates, and stirring hotplates are designed to provide precise stirring control, exceptional safety and temperature performance for your routine protocols.

Features:

- Top plate choices in ceramic or aluminum.
- Easy-to-read LED display for heating and stirring.
- Raised display design protects electronics from spills.
- Three different sizes for different sample volumes.
- Stir bar comes standard with stirrer and stirring hotplate models.
- StirTrac™ features innovative engineering for slow-speed stirring, consistent speed control, and strong magnetic coupling.
- Temperature adjustable in 1 degree increments.
- HOT TOP warning system designed to protect from accidental burns with prominent display when heating surface is above 50°C (122°F).

Surface Type	Surface Size	Stir Range (RPM)	Max Surface Temp	Volts/Hz	Unit	Stock#	PRICE
Hotplates							
Ceramic	4″ x 4″	N/A	540°C	100-120V, 50/60Hz	EA	038-3401	$257.99
Ceramic	7″ x 7″	N/A	540°C	100-120V, 50/60Hz	EA	038-3404	279.99
Aluminum	7″ x 7″	N/A	300°C	100-120V, 50/60Hz	EA	038-3407	$361.99
Ceramic	10″ x 10″	N/A	400°C	100-120V, 50/60Hz	EA	038-3410	$465.99
Stirrers							
Ceramic	4″ x 4″	50-1500	N/A	100-120V, 50/60Hz	EA	038-3402	$281.99
Ceramic	7″ x 7″	50-1500	N/A	100-120V, 50/60Hz	EA	038-3405	$292.99
Aluminum	7″ x 7″	50-1500	N/A	100-120V, 50/60Hz	EA	038-3408	$381.99
Ceramic	10″ x 10″	50-1500	N/A	100-120V, 50/60Hz	EA	038-3411	$490.99
Hotplate Stirrers							
Ceramic	4″ x 4″	50-1500	540°C	100-120V, 50/60Hz	EA	038-3403	$443.99
Ceramic	7″ x 7″	50-1500	540°C	100-120V, 50/60Hz	EA	038-3406	$488.99
Aluminum	7″ x 7″	50-1500	300°C	100-120V, 50/60Hz	EA	038-3409	$583.99
Ceramic	10″ x 10″	50-1500	400°C	100-120V, 50/60Hz	EA	038-3412	$640.99

Thermo Scientific SuperNuova+™ Hotplates/Stirrers

The SuperNuova+ series stirrers, hotplates and stirring hotplates are designed to provide reliable performance, dependable safety and simple operation.

Features:

- Top plate choices in ceramic or aluminum.
- Easy-to-read LED display for heating and stirring.
- Raised display design protects electronics from spills.
- Ability to set programs (ramp/dwell) as well as save settings.
- Stainless steel PT1000 temperature probe, supporting rod and clamp kit included with both hotplate and stirring hotplate.
- Stir bar comes standard with stirrer and stirring hotplate models.
- StirTrac™ features innovative engineering for slow-speed stirring, consistent speed control, and strong magnetic coupling.
- HOT TOP warning system designed to protect from accidental burns with prominent display when heating surface is above 50°C (122°F).

Surface Type	Surface Size	Stir Range (RPM)	Max Surface Temp	Volts/Hz	Unit	Stock#	PRICE
Hotplates							
Ceramic	7″ x 7″	N/A	450°C	100-120V, 50/60Hz	EA	038-3420	$825.99
Ceramic	10″ x 10″	N/A	400°C	100-120V, 50/60Hz	EA	038-3423	$1,115.99
Stirrers							
Ceramic	7″ x 7″	50-1500	N/A	100-120V, 50/60Hz	EA	038-3421	$889.99
Ceramic	10″ x 10″	50-1500	N/A	100-120V, 50/60Hz	EA	038-3424	$1,115.99
Hotplate Stirrers							
Ceramic	7″ x 7″	50-1500	450°C	100-120V, 50/60Hz	EA	038-3422	$994.99
Ceramic	10″ x 10″	50-1500	400°C	100-120V, 50/60Hz	EA	038-3425	$1,388.99

Call Customer Service at 800-826-8302

STIRRERS, CENTRIFUGE, & ACCESSORIES

Scienceware® Battery Operated Magnetic Stir Plate

Ideal for field use where no electricity is available or when you do not want additional electrical cords cluttering your lab counters. It is portable, lightweight and operated on just two D size batteries (sold separately). Can be used for over 24 hours of continuous operation and will mix up to 1 liter with a maximum stirring speed of 900 rpm. Made of polypropylene. 9-1/4" x 5" x 3-1/2"H.

Unit	Stock#	PRICE
EA	010-3017	$282.45

ThinSpin™ Magnetic Stirrer

Ultra-thin and lightweight. Preset speed is 15 rpm, but speed can be adjusted in increments of 15 rpm up to 1500 rpm. Spin direction can easily be alternated clockwise or counter-clockwise by pressing the reverse button. The low profile enables it to be used and stored in tight spaces such as fume hoods or in cabinets.

The unit only weighs 0.5 pounds with a maximum load of 4.4 pounds. It can stir liquids, solutions and media up to 500 mL. Water-proof and resistant to most laboratory chemicals. CE marked and has an IP rating of DIN EN 60529. 2-year warranty included.

Stirring Range	Plate Dimensions	Unit	Stock#	PRICE
15 to 1500 rpm	6.9"x 4.9"x 0.8"D	EA	524-3100	$219.29

Scienceware® Stir Bars

Teflon® coated stir bars for daily stirring tasks around the lab. Seamless, leakproof and polished for minimum friction.

Length	Diameter	Unit	Stock#	PRICE
Standard Polygon				
1"	⅜"	EA	373-3350	$5.81
2"	⅜"	EA	373-3351	$9.23
Octagon				
1"	⅜"	EA	373-3352	$5.76
1⅛"	⁵⁄₁₆"	EA	010-3345	$4.91
1⅜"	⅜"	EA	373-3353	$6.84
1½"	⅜"	EA	373-3354	$6.84
1⅞"	⅜"	EA	373-3355	$8.64
2"	⅜"	EA	373-3356	$9.23
3"	½"	EA	010-3346	$18.94

Scienceware® Stir Bar Retriever

Ideal pickup rod. This polyethylene magnetic stir bar retriever has an Alnico® magnet sealed in one end, with a hang-up ring on the other end. 3/8" x 12".

Unit	Stock#	PRICE
EA	155-3812	$13.37

Scienceware® Spinbar® Magnetic Stir Bar Garage

Maintain organization and accessibility of your magnetic stir bars with a Spinbar Stir Bar Garage. Can sit on your counter or be wall mounted. The epoxy-coated wire construction aids in simple cleaning and excellent chemical resistance. Accommodates stirring bars sizes from 10 mm up to 159 mm. Wires on the upper half of the rack are arranged closer together to capture the smaller size bars, while the lower half is designed for the larger sizes. The wire ledge on the bottom can hold small lab tools and also keeps stir bars from accidentally falling off. Dimensions: 25.6 x 10 x 31 cm (10.3 x 4 x 12.3").

Unit	Stock#	PRICE
EA	010-3111	$41.94

Ohaus® Frontier™ 5306 Mini Centrifuge

A powerful mini centrifuge for simple and rapid liquid separation. The Frontier 5306 includes an eight-position 1.5/2 mL tube rotor as well as a four-position, eight-strip PCR tube rotor that can accommodate 32 individual PCR tubes or 0.2 mL strip tubes. With the included adapters, 0.2 mL and 0.5 mL strip tubes can also be accommodated in the 8 position tube rotor, further increasing its versatility. Also, has a quick release design in which the rotors can be removed and installed without the use of any tools. With a low-voltage power input, quiet brushless motor and a rubber base that absorbs vibrations, the Frontier 5306 minimizes operational noise and reduces disruptions in the laboratory. Designed with operator safety in mind, and includes a rotor imbalance sensor and two safety switches which immediately stop the rotors should the lid open during use. Simple one-step operation to a new level. Simply place your sample in the centrifuge, close the lid, and it will begin to rotate without the press of a button. The centrifuge provides quiet, safe, and easy operation for your everyday quick spin-down applications.

Mfg Part #	Capacity	RPM	Unit	Stock#	PRICE
FC5306	8 x 1.5/2.0 mL	6000	EA	500-3901	$290.00

Prices subject to change.

MICROSCOPES & MICROSCOPE ACCESSORIES

Nikon® Eclipse E200 Compound Microscope with LED Illumination

Need a professional quality microscope? We highly recommend the Nikon E200 Eclipse. Call Nelson-Jameson to discuss your food and dairy laboratory needs and to obtain more information about this exceptional microscope. The microscope is an invaluable tool for dairy and food laboratories as a variety of procedures require a microscope: DMC, somatic cell, fat globule, ice crystal, evaluation of starter cultures, and immediate microbiological assessment of incoming product.

An absolutely indispensable tool for today's food and dairy laboratories. Nikon incorporates premium features in the E200 at a significantly lower price than many comparable instruments. The streamlined design is attractive, comfortable to operate, and provides greater durability under constant use. Packed with advanced features, the E200 has the quality and versatility of an outstanding microscope in a compact design, all at an attractive price.

- Ocular Head: Binocular (Trinocular available).
- Objectives: 4X, 10X, 40X, and 100X (oil immersion).
- Eyepieces: Focusable 10X wide field.
- Nosepiece: Quadruple ball-bearing revolving objective changer.
- Condenser: ABBE 1.2 NA (numerical aperture) works with 4X to 100X objective lenses.
- Light source: 6V, 20W LED bulb located in microscope base.

Accessories: Immersion oil, bulbs, fuses and cover. Warranty: 5-year parts and labor. Parts inventory is maintained for 20 years.

Model	Description	Unit	Stock#	PRICE
MCA762DD	Eclipse E200 Microscope set, 120V	EA	232-3010	$2,038.00
E200 Phase	E200 Microscope, 120V w/binocular phase package	EA	232-3999	$3,887.28
Accessories				
	Halogen lamp, 6V/20W	EA	232-3004	$16.00
	Carry case	EA	232-3011	$113.99
	Reticle, 10 mm x 10 mm grid, 400 squares 0.5 x 0.5 mm, 27 mm dia.	EA	232-3050	$79.21
	Dust cover, binocular scope	EA	232-3009	$16.00
	Dust cover, trinocular scope	EA	232-3008	$16.00
	Cord hanger	EA	232-3005	$16.00
	Immersion oil, 4-oz	EA	100-3442	$18.99

Nikon® Eclipse E100 Biological Microscope

Nikon designed this infinity corrected microscope to provide outstanding optical performance with elegant ergonomic touches, occupying a very small footprint. The Eclipse E100 fits easily into minimum storage space. Revolutionary CFI optics achieve flat and sharp images right up to the periphery of the view field. With phase contrast option as well as brightfield, the Eclipse E100 is the perfect choice for routine laboratory use.

Features: anti-mold design, smooth rotation quadruple nosepiece, double-plate mechanical stage, coaxial coarse/fine focus knob, easy-to-replace LED lamp. Includes E1-CFI 10X eyepeice with diopter adjustment (18 mm field of view), guide-marked ABBE condenser, 33 mm blue filter, 4X, 10X, 40X NA (numerical aperture) objectives, 100X oil immersion objective, and immersion oil.

Accessories: phase condenser/attachment for phase contrast and darkfield observations, ABBE condenser for brightfield observations, E2-TB binocular and E2-TF trinocular tubes, storage case. Optional digital camera system (trinocular eyepiece tube required).

Model	Description	Unit	Stock#	PRICE
90451	E100 Microscope, 120V with binocular phase package	EA	232-3451	$2,091.70

Microscope Bulbs

Replacement bulbs for indicated microscopes.

Description	Unit	Stock#	PRICE
For Laboval, 6V, 20W	EA	079-3005	$17.50
For AO, 6.5V, 2.75 amp	EA	155-3055	$11.89
For AO, 120V, 30W	EA	155-3056	$4.18

Lens Paper

100% lint-free optical grade tissue. For cleaning optical instruments and lenses. Bound in book form. 4" x 6" sheets. 50 sheets/pad. 12 pads/pack.

Unit	Stock#	PRICE
PD	155-3525	$5.00

Microscope Slides

Premium slides 3" x 1" made of clear glass with ground and polished edges. Plain slides are 1 mm thick. Frosted slides are 1.3 mm thick with one end frosted to make it easy to mark and read. 72/box.

Description	Unit	Stock#	PRICE
Plain	BX	700-3004	$14.43
Frosted	BX	700-3001	$16.90

Call Customer Service at 800-826-8302

MICROSCOPE ACCESSORIES

Frosted Glass Milk Smear Microscope Slides

Milk smear slides are manu-factured according to specifi-cations prescribed by Standard Methods for the Examination of Dairy Products. Use them for accurate Direct Microscopic Counts (DMC) and Direct Microscopic Somatic Cell Counts (DMSCC). Frosted glass slides with clear circles, each having an area of one square centimeter. 72/box.
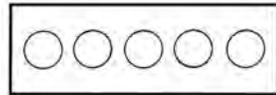
Size	Circles	Unit	Stock#	PRICE
3" x 1"	5	EA	155-3739	$0.53
3" x 2"	15	EA	155-3740	$1.39

Milk Smear Microscope Slide with Ceramically Printed Circles

Slides have been fired to withstand autoclaving and volatile solvents. The interior area of the circle is one square centimeter. 144/case.

Size	Circles	Unit	Stock#	PRICE
25 x 75 mm	3	EA	155-3737	$3.46

Hanging Drop Microscope Slide

Suitable for homogenization efficiency test. Two 1.75 mm deep polished spherical depressions. 12/pack.

Size	Unit	Stock#	PRICE
75 x 25 x 3 mm	PK	155-3745	$134.75

MLA D-Tipper Pipettor

Precision engineered aluminum alloy and stainless steel. Recommended for DMC, DMSCC, antibiotic, and other tests performed by certified laboratories. Each pipettor may be calibrated by user and is engraved with a serial number for GLP record keeping. Along with a lifetime guarantee, the manufacturer provides full calibration and repair services.

Capacity	Packaging	Unit	Stock#	PRICE
Pipettors				
10 µL		EA	717-3051	$210.87
100 µL		EA	156-3100	$210.87
250 µL		EA	156-3666	$210.87
300 µL		EA	156-3665	$210.87
500 µL		EA	717-3059	$210.87
Pipettor Tips - Bulk				
1-200 µL	1000/pk	PK	717-3225	$38.59
201 - 1000 µL	750/pk	PK	717-3226	$53.47
Pipettor Tips - Tray				
1-200 µL	200/tray, 5 trays/pk	PK	156-3588	$70.56
201 - 1000 µL	200/tray, 3 trays/pk	PK	220-3351	$53.47

Prices subject to change.

Corning Cover Glasses

Borosilicate glass developed by Corning specially for cover glasses. Remains clear for long periods under normal storage conditions. Appropriate for oil immersion. 200/pack.

Size	Unit	Stock#	PRICE
22 mm x 22 mm	PK	140-3285	$27.45

Glass Coverslips

Pre-cleaned coverslips are made of quality, non-corrosive glass and packaged in 1-oz boxes. Coverslips are #1 thickness, which range from 0.13 to 0.17 mm. 100/pack.

Description	Unit	Stock#	PRICE
22 x 22 mm	PK	700-3285	$9.43

Disposable Cover Slips

Plastic, clear, non-curling, and unbreakable. 1000/pack.

Size	Unit	Stock#	PRICE
22 mm x 22 mm	PK	220-3331	$51.94

Cargille™ Immersion Oil

High purity, non-drying, low-fluorescence oil. Refractive index 1.515 at 23°C. Conforms DIN 58-884. Type B oil is generally specified in food/dairy labs.

Size	Unit	Stock#	PRICE
Type A, Low Viscosity			
4-oz	EA	100-3440	$18.99
16-oz	EA	100-3441	$41.23
Type B, High Viscosity			
4-oz	EA	100-3442	$18.99
16-oz	EA	100-3443	$41.23

Nova Microcinerator/Slide Dryer

Designed to sterilize your metal inoculating loops and needles without an open flame; eliminating aerosaling of micro organisms. By using infrared heat inside a ceramic tube, the Nova Microcinerator protects your laboratory technicians from dangerous gases, flames, and splatter and can also be used as a slide dryer. The Nova can be adjusted to five different positions. The optimum sterilization temperature reaches 815°C (1500°F). Your loop or needle is sterilized within 5 to 7 seconds. To be used as a slide dryer, the slide dryer rest fits right on top of the microcinerator to dry your slides evenly. The microcinerator is 9.5" x 6" x 6.5".

Description	Unit	Stock#	PRICE
Nova Microcinerator	EA	524-3009	$467.23
Slide dryer plate	EA	524-3010	$78.75

2017 - 2018 Catalog | **Laboratory & QA/QC**

MICROSCOPE ACCESSORIES

Needle and Holder

3-1/8″ nickel-plated brass holder holds needle securely by adjustable screw chuck. Comes complete with one 2″ straight needle. Bend to suit or order optional curved needles.

Description	Pkg	Unit	Stock#	PRICE
Holder w/straight needle	12/ca	EA	155-3430	$25.54
Curved needle	36/pk	EA	&&0-3980	3.41
Curved needle	36/pk	PK	220-3390	$51.09

Staining Jar

Holds up to ten 3″ x 1″ (75 x 25 mm) slides vertically.

Description	Cover	Unit	Stock#	PRICE
Glass staining jar	Screw-on	EA	155-3732	$51.24
Glass staining jar	Ground glass	EA	220-3732	$14.75
Plastic staining jar	Screw-on	EA	010-3028	$7.56

Staining Dish

Heavy glass dish with cover. Removable glass slide rack has open bottom for rapid filling and draining. Holds 3″ x 1″, 3″ x 1-1/2″ and 3″ x 2″ slides. 10 grooves will hold 10 slides or 20 placed back-to-back. Includes nickel holder for lifting tray. 3-1/2″L x 2-3/4″W x 2″H.

Description	Unit	Stock#	PRICE
Staining dish	EA	155-3730	$114.07
Additional slide rack	EA	155-3001	$40.17

Scienceware® Coplin Staining Jar

This polypropylene jar improves on the classic tapered square design with a larger opening for easier placement and removal of slides. The polypropylene screw cap is 5.3 cm in diameter, has a flat top, easy grip knurled edge, deep thread and a seal ring to prevent leaks. Five internal slots hold up to 10, 25 x 75 mm slides (1″ x 3″) back to back. Dimensions: 6 cm x 11.4 cm. Steam autoclavable.

Unit	Stock#	PRICE
EA	010-3028	$7.56

BBL™ Stain Kits and Reagents

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
240827	Coagulase Plasma, Rabbit w/EDTA	1 mL lyophilized, 10/bx	BX	614-3827	$80.44
212525	Gram Crystal Violet	250 mL/btl, 4 btl/pk	PK	614-7007	$55.76
212527	Gram Decolorizer	250 mL/btl, 4 btl/pk	PK	614-3830	$49.98
212531	Gram Safranin	250 mL/btl, 4 btl/pk	PK	614-3296	$48.76
212539	Gram Stain Kit	250 mL/btl, 4 btl/kit	KT	614-3297	$53.07

Difco® Stains and Reagents

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
264310	Triphenyl Tetrazolium Chloride (TTC)	25 gr	JR	180-3419	$120.01
211731	Bromthymol Blue	5 gr	JR	180-3130	$88.94
231121	Triphenyl Tetrazolium Chloride (TTC) Solution, 1%	30 mL	VI	180-3800	$36.70

Call Customer Service at 800-826-8302

VISCOSITY TESTING

Cheese Meltability Cutter

The ideal tool to cut cheese samples to the specified diameter and depth required of the Schreiber Test for Cheese Meltability and similar tests.

Unit	Stock#	PRICE
EA	498-3000	$107.07

Bostwick Consistometer

Easily determine the consistency of your viscous product with this simple, dependable instrument. Consistency is determined by the rate of the material flowing on the instrument. Constructed of stainless steel, the unit is equipped with two leveling screws and a level. The gate is spring operated and held by a positive release mechanism, permitting instantaneous flow of sample. The trough, graduated in 0.5 cm divisions, ensures an accurate measurement of flow.

Unit	Stock#	PRICE
EA	107-3012	$543.65

Zahn Measuring Cup Viscometers

Quickly measure the viscosity of liquids such as syrups and oils. Use for very thin oil to very heavy mixtures. Measures viscosity in the 18 to 1,725 centistokes range in 90 seconds or less.

Zahn Range	Centistoke Range	Application	Size	Unit	Stock#	PRICE
45-80 seconds	18-56	Milk, very light oils	#1	EA	068-3011	$98.41
25-80 seconds	40-230	Cream, light oils	#2	EA	068-3012	$98.41
20-75 seconds	150-790	Paint, medium oils	#3	EA	068-3013	$98.41
20-80 seconds	220-1100	Heavy oils, honey	#4	EA	068-3014	$98.41
20-75 seconds	460-1,725+	Thick product	#5	EA	068-3015	$98.41

Prices subject to change.

Hach® 2100Q Portable Turbidimeter

Portability at a level not normally associated with laboratory instruments! Used for field, process and lab monitoring, as well as routine testing of treated low-turbidity process water, wastewater, and drinking water.

Single-standard RapidCal™ calibration offers the simplest solution for low-level measurements. Single-step verification and on-screen assisted calibration eliminates the need to reference complicated manuals. Exclusive algorithm in the Rapidly Settling Turbidity™ mode provides accurate, repeatable measurements for rapidly settling, difficult to measure samples while eliminating the need for redundant measurements and estimating.

Optical system compensates for color in the sample, light fluctuation, and stray light allowing analysts to achieve laboratory-level results with a wide range of samples, even under difficult onsite conditions. Meets or exceeds EPA method 180.1 criteria. Range: 0 to 1000 NTU. Accuracy: 0.01 NTU in lowest range. Requires 15 ml/0.5-oz sample.

Model 2100Q is supplied with 6 sample cells, set of 4 ampules of 0.1, 20, 100 and 800 NTU StablCal® Stabilized Formazin Primary Standards, a set of secondary Gelex® Standards, silicone oil & cloth, manual, quick reference card, batteries, and carrying case. Optional AC adapter is available. 2-year warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
2100Q01	2100Q Portable turbidity meter kit	EA	208-3465	$1,180.00
Accessories				
StablCal Calibration Sets				
2971205	Sealed vials, 10, 20, 100 & 800 NTU	ST	208-3205	$177.00
2971210	100 ml btls, 10, 20, 100 & 800 NTU	ST	208-3712	$163.00
2971200	500 ml btls, 10, 20, 100 & 800 NTU	ST	208-3200	$278.00
2659405	Sealed vials, 0.1, 20, 100, 800 NTU	ST	208-3405	$173.00
2659410	100 ml bottles, 0.1, 20, 100, 800 NTU	ST	208-3410	$163.00
StablCal Standards				
2961701	10 NTU, sealed vial	EA	208-3701	$19.65
2659742	To 0.1 NTU, 100 ml btl	BO	208-3742	$28.00
2659749	To 0.1 NTU, 500 ml btl	BO	208-3749	$47.49
2660142	20 NTU, 100 ml btl	BO	208-3142	$47.49
2660149	20 NTU, 500 ml btl	BO	208-3149	$81.15
2660242	100 NTU, 100 ml btl	BO	208-3242	$47.49
2660249	100 NTU, 500 ml btl	BO	208-3249	$81.15
2660542	800 NTU, 100 ml btl	BO	208-3542	$47.49
2660549	800 NTU, 500 ml btl	BO	208-3054	$81.15
Other Accessories				
2464105	Gelex secondary standard set	ST	208-3105	$180.00
4707600	Polishing/oiling cloth	EA	208-3600	$16.09
2434706	Sample cells, glass, 6/pk	PK	208-3706	$37.79
4397500	Sample degassing test kit	EA	208-3975	$36.19
4397510	Sample filtration & degassing kit	EA	208-3510	$78.45
126936	Silicone oil, 15 ml tube	EA	208-3936	$12.45

Call Customer Service at 800-826-8302

CONDUCTIVITY TESTING & ACCESSORIES

MYRON L® Ultrameter II™

Simplify and streamline your dissolved solids testing with an Ultrameter II. While priced like affordable single-parameter instruments, the Ultrameter II does the job of up to six instruments. Ideal for the lab, plant or field locations. Temperature compensation and range selection are both rapid and automatic. Ultrameters deliver performance of ±1% of reading, are factory calibrated with NIST traceable solutions, and are IP67/NEMA 6 waterproof rated. Submersible to 3 feet. 2-year limited warranty. 6-month limited warranty on pH/ORP replaceable sensors.

Parameters	Unit	Stock#	PRICE
Conductivity, TDS, resistivity, temperature	EA	406-3301	$735.49
Conductivity, TDS, resistivity, pH, ORP, temperature	EA	406-3302	$982.62
Soft, protective case with belt clip	EA	406-3303	$45.00

MYRON L® Conductivity Meters for Total Dissolved Solids

Use these portable solid-state conductivity meters to check lab water permeate from ultrafiltration and reverse osmosis systems. Electrodes are built-in. Two 9V batteries supplied—last for 1000 samples or approximately one year. Sealed against moisture. 1-year warranty on materials and workmanship. Note: micromhos and microsiemens are equivalent units of conductivity.

Range	Unit	Stock#	PRICE
0 to 10; 0 to 100; 0 to 1000, 0 to 10,000 umhos	EA	406-3000	$371.03
0 to .5; 0 to 5; 0 to 50; 0 to 500; 0 to 5,000 umhos	EA	406-3001	$382.83
Carrying Case for EP-10 or EP	EA	406-3100	$61.51

Myron L® TechPro II™

Obtain reliable and accurate measurements of your water source with the TechPro II. Ideal for water treatment testing as well as other industrial and commercial uses. The TechPro II is hand-held, lightweight and simple to operate. When measuring conductivity, TDS, pH, and temperature, the stable circuitry delivers accurate readings needed to assure product quality, prevent equipment damage or verify in-line instrumentation in a wide range of applications. Rugged, waterproof case protects the electronics of the instrument, and auto shut-off feature prolongs battery life. Uses one 9V alkaline battery.

Mfg Part #	Parameters	Unit	Stock#	PRICE
TP1	Conductivity, TDS, temperature	EA	406-3111	$719.55
TPH1	Conductivity, TDS, pH, temperature	EA	406-3222	$1,009.08
Accessories				
RPG	Replacement pH sensor	EA	406-3305	$164.01
UPP	Hard carry case, for all digital handheld models	EA	406-3304	$71.01
UCC	Soft carry case w/belt clip	EA	406-3303	$45.00
PKP	Hard carry case for instrument and pH buffers & storage solution	EA	406-3306	$134.01

Standards for Conductivity Meters

Solutions are NIST-traceable. 1-quart/bottle.

Range	Unit	Stock#	PRICE
30 ppm/47 umhos	QT	406-3200	$24.00
150 ppm/228 umhos	QT	406-3203	$24.00
300 ppm/445 umhos	QT	406-3205	$24.00
1500 ppm/2070 umhos	QT	406-3210	$24.00
3000 ppm/3920 umhos	QT	406-3215	$24.00

Prices subject to change.

CONDUCTIVITY, SALT TESTING & ACCESSORIES

Oakton® Acorn® CON 6+ Conductivity Meter

Economical and portable microprocessor-based meter that reads conductivity and temperature. Includes fast-response probe.

- Automatic Temperature Compensation (ATC).
- Easy push button operation.
- Automatic or manual calibration, 5 point.
- Auto ranging for fast response.
- Hold function, auto off.
- Large display.
- Wide measuring range, up to 200 mS.
- Customized setup functions, selectable cell constant, 0.1, 1.0 & 10.
- Protective rubber boot with built-in stand.

Probe features built-in temperature compensation and removable probe guard for easy cleaning. Temperature range of 0 to 100° C. Epoxy body, cell constant, K=0.1.

Description	Unit	Stock#	PRICE
Meter only	EA	502-3967	$360.83

Accessories

Waterproof conductivity probe	EA	502-3991	167.92

Oakton® Acorn® SALT 6+ Meter

Quick readout based on NaCl curve with two measuring modes—0 to 50 ppt or 0.1 to 5%. Use with simple salt and brine solutions.

- Easy, push-button operation.
- Convenient HOLD function.
- Auto-off function.
- Two modes of five-point calibration.

Description	Unit	Stock#	PRICE
Meter with probe	EA	502-3667	$375.83

Accessories

Replacement probe	EA	502-3984	$167.92

Oakton® Conductivity Solutions

Choose from economical 1-pint solution bottles or individually sealed "Singles" calibration pouches. "Singles" pouches are convenient, air-tight pouches with high-precision calibration standards. Ideal for field use; take them to your test site for on-the-spot calibration. Each box contains twenty 20 mL pouches. All solutions are cross checked using different test methods, premixed, and ready to use. NIST traceable materials. ±1% accuracy at 25°C.

Mfg Part#	Solution	Unit	Stock#	PRICE
1-pint bottles				
00653-23	23 µS	BO	502-3986	$13.48
00653-47	447 µS	BO	502-3977	$13.48
00653-18	1413 µS	BO	502-3987	$13.48
20 mL pouches				
00653-10	447 µS	BX	502-3973	$30.98
00653-11	1413 µS	BX	502-3974	$30.98

Atago® PAL-SALT PROBE Salt Meter

Digital hand-held salt meter that features convenient operation of submerging the probe in a liquid for measuring the salt content in as fast as 3-seconds. The measurement is based on conductivity and the measurement range is 0.0 to 7.0% (g/100g) of salt concentration. Resolution is 0.01% (0.0 to 2.0%) and 0.1% (2.0 to 7.0%). Accuracy ±0.1% (0.00 to 1.99%), relative precision ±5% (2.1 to 5.0%) and relative precision ±10% (5.1 to 7.0%). For samples over 7% salinity dilution is required. Powered by 2 AAA batteries. IP65 water resistant rated. Includes 1-year warranty.

Mfg Part #	Unit	Stock#	PRICE
4222	EA	485-3222	$628.90

ATAGO® ES-421 Digital Salt Meter

This hand-held salt meter uses conductivity to analyze salt content quickly and efficiently, without the use of hazardous reagents. Quickly measure sauces, dressings, brines, even cheese, and fish. Compliments lab-bound chloride analyzers to obtain salt readings on a production line, improving efficiency throughout the whole process. Features automatic temperature compensation (10-40C) and a 1-year warranty.

Model	Range	Application	Unit	Stock#	PRICE
ES-421	0 to 10% Salt	Food products, diluted solutions	EA	485-3442	1,120.60
Accessories					
RE-120284	2.84% Salt standard, 5 mL		BO	485-3284	$30.44
	1.00% Salt standard, Certified, 500 mL		BO	485-3968	26.75

Call Customer Service at 800-826-8302

HYDROMETERS

Thermco Specific Gravity/Baume Hydrometers

Choice of ranges for liquids lighter than water and for liquids heavier than water. Standardization temperature: 60°F. Length 310 mm. Glass.

Specific Gravity Range	Specific Gravity Division	Baume Range	Baume Division	Unit	Stock#	PRICE
For Liquids Lighter Than Water						
0.700 to 0.860	0.002	33 to 70°	0.5°	EA	449-3010	$19.00
0.840 to 1.000	0.002	10 to 37°	0.5°	EA	449-3011	$19.00
0.650 to 1.000	0.005	10 to 85°	1.0°	EA	511-3253	$17.36
For Liquids Heavier Than Water						
1.000 to 1.220	0.002	0 to 26°	0.2°	EA	449-3001	$18.01
1.400 to 1.620	0.002	42 to 55°	0.2°	EA	449-3003	$18.01
1.200 to 1.420	0.002	24 to 43°	0.2°	EA	449-3002	$18.01
1.600 to 1.820	0.002	54 to 65°	0.2°	EA	449-3004	$18.01
1.000 to 1.600	0.005	0 to 54°	0.5°	EA	449-3005	$18.01

Thermco Acid Hydrometer

This hydrometer can check the specific gravity of your sulfuric acid. Glass.

Specific Gravity Range	Specified Temperature	Division	Length	Unit	Stock#	PRICE
1.500 to 2.000	60/60°F	0.005	300 mm	EA	195-3050	$21.12

Thermco Baume Hydrometers

Baume scale for liquids, such as acids, alkalis, syrup, and milk concentrates. Standardization temperature: 60°F. Length 310 mm. #449-3051 is designed for cream. Glass.

Heavy Range	Baume Division	Unit	Stock#	PRICE
0 to 12°	0.1°	EA	663-3009	$17.36
9 to 21°	0.1°	EA	449-3752	$17.36
0 to 25°	0.2°	EA	237-3020	$17.36
0 to 50°	0.5°	EA	663-3015	$17.36
79 to 91°	0.2°	EA	449-3051	$17.36

Thermco Specific Gravity Hydrometers

Universal range for testing liquids both lighter and heavier than water. High resolution scale. Standardization temperature: 60°F. Length 330 mm. Glass.

Specific Gravity Range	Divisions	Unit	Stock#	PRICE
0.695 to 0.810	0.001	EA	449-3121	$21.12
0.940 to 1.010	0.0005	EA	449-3015	$21.61
1.000 to 1.070	0.0005	EA	449-3016	$21.61
1.060 to 1.130	0.0005	EA	449-3017	$21.61

Thermco Brix Thermo-Hydrometers

Indicates percent sugar in solution at 20°C. Built-in thermometer with correction scale. Length 375 mm. Other ranges available. Note: some of these thermometers contain mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering. Glass.

Brix Range %	Divisions	Unit	Stock#	PRICE
Mercury-Filled				
0 to 11	1°	EA	449-3040	$35.86
9 to 12	1°	EA	449-3041	$35.86
19 to 31	1°	EA	449-3042	$35.86
29 to 41	1°	EA	449-3038	$35.86
39 to 51	0.1°	EA	449-3044	$35.86
49 to 61	0.1°	EA	449-3039	$35.86
59 to 71	0.1°	EA	449-3046	$35.86
Spirit-Filled				
0 to 11	1°	EA	511-3516	$35.86
9 to 21	1°	EA	511-3517	$35.86
19 to 31	1°	EA	511-3518	$35.86
29 to 41	1°	EA	511-3519	$35.86
39 to 51	0.1°	EA	511-3520	$35.86
49 to 61	0.1°	EA	511-3521	$35.86
59 to 71	0.1°	EA	511-3522	$35.86

Thermco Brine Hydrometers

These specialized hydrometers, often called salimeters, are used in pickling operations, meat packing plants, etc. to measure the salt content of brines. Saturated salt solution contains 26.4% sodium chloride by weight. These hydrometers read the percentage saturation or salt percentage at 60°F. Length 300 mm.

Description	Range	Divisions	Unit	Stock#	PRICE
Hydrometer, glass	0 to 100% saturation	1%	EA	663-3040	$17.36
Hydrometer, glass	0 to 26.4% salt	0.50%	EA	511-3511	$17.36
Hydrometer, polycarbonate	0 to 100%, saturation	1%	EA	373-3310	$62.41
Hydrometer, polycarbonate	0 to 26.4%, salt	0.50%	EA	511-3112	$63.88

Prices subject to change.

Thermco Plastic Hydrometers

Shatterproof, clear polycarbonate construction makes these specific gravity hydrometers ideal for the food and dairy industry. These plain-form hydrometers should be used with a thermometer for the most accurate results. The sugar hydrometer features broad-reading Brix scale and measures the concentration of sugar solution. Brix hydrometers are calibrated at 20°C based on the formula that 1° Brix equals 1% sugar at that specified temperature. Length: 330 mm.

Specific Gravity Range	Brix Range %	Division	Unit	Stock#	PRICE
For Liquids Heavier Than Water					
1.000 to 1.220	-	0.002	EA	373-3200	$62.41
1.200 to 1.420	-	0.002	EA	373-3201	$62.41
1.400 to 1.620	-	0.002	EA	373-3203	$62.39
Sugar Hydrometer					
-	0.0 to 50.0	0.5 %	EA	373-3204	$62.39

Thermco QUEVENNE Lactometer/Thermo-Hydrometer

Quevenne lactometer has three color scales for testing milk. The white scale indicates the specific gravity reading from 1.015 to 1.040. The blue scale shows the water content of skim milk by means of 1/10 to 5/10 fractional indications in 1/10 divisions. The yellow scale shows the water content of pure milk using the same fractional indications. The specific gravity may be corrected for temperature using the mercury-filled thermometer which is graduated from 20° to 100°F in 2° divisions. Standardization temperature: 60°F. Length 300 mm. Note: This product contains mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering. Glass.

Unit	Stock#	PRICE
EA	663-3035	$41.92

Hydrometer/Lactometer Jar

Clear, unbreakable polycarbonate jar. No-tip base. 1-3/8" diameter x 12" H. 470 mL.

Unit	Stock#	PRICE
EA	492-3025	$15.41

Scienceware® Hydrometer Rack

Protect fragile glass hydrometers by storing them in this 18-place polypropylene rack. Base is 8.25" x 8.5" for tip-proof stability. Bottom plate is 1" high. Overall height is 9.9" with handles. Autoclavable.

Mfg Part #	Description	Unit	Stock#	PRICE
F18988-0000	For long hydrometers; top plate is 7" high	EA	010-3988	$84.11
F18988-0001	For short hydrometers; top plate is 5.7" high	EA	010-3989	$85.23

Call Customer Service at 800-826-8302

REFRACTOMETERS

Refractometers

Refractometers are used in the food industry to monitor the concentration of dissolved solids in aqueous (water) solutions. Popular applications for refractometers include: condensed skim milk, whey, brines, soft drinks, wine, beer, juices, and coolants such as glycol. Nelson-Jameson offers a wide variety of traditional and digital refractometers to fit your testing needs.

Here's how a traditional refractometer works: simply place a drop of the solution on the prism, lower the cover and look through the eyepiece. Solids will be indicated by a distinct line across an illuminated scale. Scales are often graduated in Brix (percent of dissolved sucrose). Although this scale does not directly indicate the percent dissolved solids by weight of the product being measured, the result does give the relative concentration of dissolved solids compared to other similar solutions. Digital models, on the other hand, work by simply placing a few drops of the sample on the prism, and in turn, a LCD screen will display your result in percent Brix.

ATAGO® Master Series Refractometers

Atago Master Series refractometers feature a streamlined body with a comfortable carbon-fiber texture grip. All models are field calibratable. "T" models include automatic temperature compensation (ATC). Sample temperature range: 10° to 30°C. (Master 3 and 4 series: 10° to 40°C). Alpha models feature ATC and are IP-65 rated for water-resistance.

Model	Brix Range	Uses	Unit	Stock#	PRICE
Refractometers					
20 M	0 to 20%	Low concentrations	EA	485-3383	$179.29
20 T	0 to 20%	Low concentrations	EA	485-3382	$210.48
20 alpha	0 to 20%	Low concentrations	EA	485-3381	$273.91
53 M	0 to 53%	Wide-range	EA	485-3053	$179.29
53 T	0 to 53%	Wide-range	EA	485-3352	$210.48
53 alpha	0 to 53%	Wide-range	EA	485-3353	$273.91
S 10 M	0 to 10%	Salt in water	EA	485-3473	$238.91
S 10 alpha	0 to 10%	Salt in water	EA	485-3471	$273.91
S 28 M	0 to 28%	Salt in water	EA	485-3483	$238.91
S 28 alpha	0 to 28%	Salt in water	EA	485-3481	$273.91
Sur N-M	n/a	Urine specific gravity, serum protein	EA	485-3773	$243.91
Sur N-alpha	n/a	Urine specific gravity, serum protein	EA	485-3771	$315.90
Master-Milk	n/a	Non-fat solids in milk, 0- 23% milk solids, ATC, IP-65	EA	485-3691	$273.91
Replacement Parts					
RE-2315-60M		Daylight plate w/pin	EA	485-3153	$9.99

Reichert® Standard Precision Analog Refractometers

Affordable and rugged, these Reichert refractometers are IP67-rated dustproof and water resistant, making them the highest rated hand-held refractometers on the market. Suitable for tough environments on the processing floor as well as in the field. Shock resistant sealed housing, temperature compensated for accuracy. Ideal for measuring Brix concentrations in food and dairy applications. A specific gravity model for testing coolant and batteries is also available. On-site calibration feature. 1-year warranty.

Model	Brix	Uses	Unit	Stock#	PRICE
BRIX30	0-30%	Milk, juice, drinks	EA	398-3005	$157.95
BRIX50	0-50%	Milk, sauces, spreads	EA	398-3006	$157.95
BRIX90	50-90%	Higher concentrations	EA	398-3008	$157.95
DC 70	1.100 - 1.400 Specific Gravity	Engine coolant, battery condition	EA	398-3070	$136.02

Prices subject to change.

ATAGO® PEN Series Refractometers

Measure Brix of almost any liquid food product in a convenient and efficient way by simply dipping or touching the sample with this digital hand-held refractometer. The PEN-Harvest is ideal for fruits and vegetables, wine must, and single strength juices, as well as other industries where the Brix scale is conventionally used. ATC function, IP65-rated water and dust resistant (IP67-rated prism head.) Sample temperature range: 10° to 100° C. Accuracy: ± 0.2% Brix. Includes convenient storage case. 1-year warranty.

Mfg Part #	Description	Brix Range	Unit	Stock#	PRICE
3743	PEN-Harvest	0 to 33%	EA	485-3743	$321.10
3730	PEN-Pro	0 to 85%	EA	485-3730	$457.60

ATAGO® Pocket PAL Digital Refractometers

Inexpensive, compact and lightweight, these refractometers are portable and can take measurements indoors or outdoors. Easy to clean by rinsing with water. The digital LCD display and speedy performance (results in 3 seconds) gives accurate results without the worries of misreadings due to user subjectivity. Automatic Temperature Compensation enables the user to take measurements regardless of the ambient temperature. The PAL can be used on a wide variety of products including: juices, coffee, soft drinks, soups, sauces, syrups, jams, jelly and honey. Temperature of sample stage displayed along with the % Brix when pressing start. Resolution 0.1% Brix. ATC range: 10 to 100°C (PAL-39S: 10 to 35°C). Accuracy ±0.2% Brix(PAL-3: ±0.1%). Powered by two AAA batteries (included). 1-year warranty.

Model	Brix Range	Unit	Stock#	PRICE
Refractometers				
PAL-1	0 to 53%	EA	485-3810	$307.60
PAL-2	45 to 93%	EA	485-3820	$336.30
PAL-alpha	0 to 85%	EA	485-3840	$448.90
PAL-3	0 to 93%	EA	485-3830	$798.70
PAL-03S	0 to 28% (Sodium Chloride)	EA	485-3403	$360.00
PAL-BX/RI	0 to 93%/1.3306 to 1.5284 (Refractive Index)	EA	485-3851	$877.20
PAL-39S	0 to 50% (Hydrogen Peroxide)	EA	485-3996	$360.00
Accessories				
Holster/carry case		EA	485-3555	$24.99

Reichert® Brix/RI-Chek Refractometer

Versatile instrument that raises the bar for performance and value. This refractometer is suitable for numerous applications in food, beverage, wine, beer, agricultural and industrial processes. Easy to operate with results displayed in 2-seconds. IP65 dust proof/water resistant rating for use in virtually any environment. Features 5-digit full view screen and 3 measurement scales: % Brix with automatic temperature correction (ATC), Refractive Index (RI) with ATC, and RI at actual temperature. Sample temperature range: 10° to 80° C. ATC range 15° to 35° C. Includes neck lanyard and 2 AAA batteries. 1-year warranty.

Model	Brix/RI Range	Accuracy	Unit	Stock#	PRICE
13940000	0.0-62.0% Brix/1.3330-1.4465 RI	0.2% Brix/0.0002 RI	EA	398-3400	$290.02

HANNA® Digital Brix Refractometers

Versatile, portable refractometers for professional analysis at an economical price. Dual-level LCD simultaneously displays sugar content and temperature in °C or °F in samples as small as 2 metric drops (0.10 mL). IP65 rated waterproof protection and automatic temperature compensation (ATC). Readings are displayed in approximately 1.5 seconds. Accuracy: ±0.2% Brix. ATC range: 10 to 40°C. Auto shut-off after 3 minutes of non-use to conserve battery life. Easy calibration with distilled or DI water. Supplied with 9-volt battery and manual. Choose model HI96801, 0 to 85% Brix range to analyze sugar content (sucrose) in a wide-range of food solutions. Select model HI96811, 0 to 50% Brix range as an excellent choice for juices and wines. 1-year warranty.

Model	Brix Range	Unit	Stock#	PRICE
HI96801	0 to 85% Brix	EA	296-3801	$164.07
HI96811	0 to 50% Brix	EA	296-3811	$164.07

Call Customer Service at 800-826-8302

REFRACTOMETERS

ATAGO® Digital Refractometer - Palette Models

Truly a unique group of instruments, combining the reproducibility of a benchtop digital with the convenience and portability of the hand-held analog units. All models feature Automatic Temperature Compensation (5-40°C) and are calibrated with the push of a button. These units are ideal for on-line measurements in food and beverage facilities of any industry where portable precision is required. Accuracy ±0.1% The Palettes are powered by a standard 9-volt battery (included). Their water-resistant, sturdy design makes them ideal for working in even humid or harsh conditions.

Model	Brix Range	Uses	Unit	Stock#	PRICE
PR-101 alpha	0 to 45%	Fruit, juices, soft drinks, ind. fluids	EA	485-3412	$1,139.19
PR-201 alpha	0 to 60%	Conc. fruit juices, jams, sauces, syrups	EA	485-3422	$1,773.09
PR-301 alpha	45 to 90%	Jellies, raw liquid sugar, honey	EA	485-3432	$1,656.18

Reichert® AR200 Digital Refractometer

Offers the performance of a full brix scale refractometer (per ICUMSA) in an affordable hand-held design to measure solids or concentrations over a broad range. Accurate to ±0.1% Brix, the AR200 measures 0 to 95% solids as Brix and 1.3300 to 1.5600 Refractive Index. Recall memory and the ability to customize three additional scales (such as salinity, HFCS and others). Automatic Temperature Compensation, adjustable contrast control, and optional PC interface. Set point/span user definable calibration. Hardened glass prism sealed with epoxy to stainless steel sample well. Includes 4 AAA batteries (included). 2-year warranty.

Brix	Unit	Stock#	PRICE
0-95%	EA	398-3200	$1,246.50

Reichert® r2i300 Digital Benchtop Refractometer

Meets the testing requirements of many diverse applications in various industries including: food, beverage, chemical, pharmaceutical and petroleum. Able to measure dark-colored and opaque samples. Packed with performance features found in much larger automatic benchtop refractometers. Full scale 0-95% Brix/1.3300 to 1.5600 Refractive Index range plus seven additional scales. Accuracy ±0.1% Brix/±0.0001 RI. Custom channel CD library of over 30 custom measurement scales included. Memory capacity to store calibration log and the last 1,000 measurements with sample date and time. PC or printer connectivity via RS232 or USB, includes PC synchronization CD, RS232 cable, RS232 to USB adapter. Automatic temperature correction. Thermal printer sold separately. 2-year warranty.

Brix	Uses	Unit	Stock#	PRICE
0-95%	Soups, sauces, jams, honey, beverages	EA	398-3300	$4,540.50

ATAGO® Automatic Digital Refractometer

The RX-5000 Alpha is an automatic digital refractometer which can set measurement temperature internally, excellent for accurately measuring the refractive index (RI), Brix, or concentration of a variety of liquid food products. Features thermomodule to achieve constant control of sample temperature, automatic start after sample reaches target temperature, fast display of RI and Brix, high/low limit display, adjustment of measurement values, 60 user scales, and recall of last 30 measurements. Range 1.32700 to 1.58000 RI/0.000 to 100.00% Brix at 5° to 60°C. Accuracy: ±0.03% Brix. Repeatability: 100 to 240-volt AC. 1-year warranty.

Model	Brix Range	Uses	Unit	Stock#	PRICE
RX-5000 Alpha	0.00 to 100.00 %	Juice, beverages, concentrates, oils, industrial fluids	EA	485-3261	$10,714.28

ATAGO® In-Line Refractometer

Incorporate in piping of manufacturing plants, liquid mixers or washing apparatus to continuously measure concentration. Suitable for use in control of mixing or concentrating processes at food manufacturing plants. With automatic temperature compensation, according to sample liquid, correct concentration is always displayed, even if the sample temperature changes.

Model	Brix Range	Uses	Unit	Stock#	PRICE
CM-800a	0 to 80%	Condensed milk, juices & sauces	EA	485-3564	$4,676.28

Prices subject to change.

REFRACTIVE LIQUIDS & ACID TITRATION TESTING

CARGILLE Refractive Index Liquids

Certified refractive index liquids for calibration of refractometers. 1/4-oz bottle. 0% Brix liquid is certified water. Additional index liquids available. Call our technical service department for index liquids not listed.

Refractive Index	Temp.	Brix (%)	Unit	Stock#	PRICE
0.000	15° to 35°C	0.00	BO	100-3500	$82.53
1.340	25°C	5.2	BO	100-3340	$39.48
1.350	25°C	11.8	BO	100-3350	$39.48
1.375	25°C	26.9	BO	100-3375	$39.48
1.418	25°C	49.4	BO	100-3418	$25.50
1.440	25°C	59.5	BO	100-3444	$25.50
1.502	25°C	84.6	BO	100-3502	$26.75

Hach® Digital Titrator

This is the perfect tritration unit for use in the determination of titratable acidity of milk, wine and juice products. Ideal when portability is required. Perform accurate, precise, economical, and convenient titrations without the bulk and fragility of conventional titration equipment. Weigh your sample (18 g for milk), use pH endpoint of 8.3, then turn a dial on the titrator to accurately dispense sodium hydroxide from a cartridge. At the endpoint, read TA from the digital display. Because the titrant is not exposed to air, the concentration of the solution is maintained between titrations. Each cartridge contains a concentrated sodium hydroxide solution permitting many titrations before replacement. Suggested set up includes the digital titrator and the accessories listed below.The digital titrator comes with a plastic case and five straight delivery tubes. The J-hook delivery tubes are used when a TitraStir® continuous mixer/stand is purchased for easy dispensing.

Model	Description	Unit	Stock#	PRICE
1690001	Digital titrator w/five delivery tubes	EA	208-3169	$209.52

Accessories

4157800	90° J-hook delivery tube, 5 /pk	PK	208-3578	$6.85
1437901	1.600N Sodium hydroxide, 13 mL cartridge	EA	208-3379	$22.15
	Phenolphthalein Indicator, 60 mL	BO	131-3060	$7.89
1940000	TitraStir continuous mixer/stand	EA	208-3194	$650.00

Hach® TitraStir® Continuous Mixer/Stand

This convenient laboratory stand is a single-speed, magnetic stirring plate with a built-in support rod and custom holder made specifically for the Hach Digital Titrator and pH electrode for potentiometric endpoints. Titration flask rests on a white disc, so color changes are easy to see. Support rod can be used to attach clamps, rings and other hardware.

Model	Unit	Stock#	PRICE
1940000	EA	208-3194	$650.00

Kimax® 620F-1 Automatic Titratable Acidity Test

Determine the acidity of dairy products with this complete test kit. Features include:

- Buret has Teflon® stopcock plug, graduated 0 to 1%, in .1 mL (10 mL = 1 %, or 1 mL = 0.1%) reading directly in percentage of acidity.
- Filling tube assembly includes 6 mm glass tubes, flexible tubing and 2-hole #9 rubber stopper.

Kit includes: 1 each of the buret; filling tube assembly (glass tubes and rubber stopper); 100 mL beaker; rubber bulb; reservoir bottle; stirring rod; clamp; and 9 mL pipet.

Model	Description	Unit	Stock#	PRICE
620F-1	Titratable acidity test kit	EA	498-3065	$400.59

Replacement Parts

A620F-1	Buret	EA	498-3070	$139.62
-	Filling tube assembly	EA	483-3060	$30.85
27050-2000	Reservoir bottle, 2 L, glass	EA	363-3445	$100.20
-	Rubber bulb w/tubing	EA	498-3500	$16.38
609-99	Kimble Stirring Rod for Acidity Test, Pink Comparator for Titration End Points	EA	498-3057	$23.14
41500F-2	Stopcock plug	EA	498-3071	$59.03
	Clamp	EA	498-3067	$33.30

Related Accessories

	Kimble 9 mL cream pipet	EA	498-3050	$13.33
	17.6 mL pipette	EA	498-3100	$16.93
	Sodium hydroxide, 4 x 1 gal ca	CA	131-3081	$26.57
	Sodium hydroxide, 1 L btl	BO	131-3083	$9.90
	Phenolphthalein, 60 mL btl	BO	131-3060	$7.89
	Phenolphthalein, 500 mL btl	BO	131-3070	$15.90
	Phenolphthalein, 500 mL btl, 6 btl/ca	CA	131-3071	$57.37

More Acidity Testing Products on the next page...

Call Customer Service at 800-826-8302

ACIDITY TESTING & GOLD ELECTRODE

Non-Glass Titratable Acidity Tester

Assembled from plastic components, for use where glass is prohibited, this set-up is functionally the same as the 620F-1 tester. A 10 mL self-zeroing buret (accuracy ±0.1 mL) corresponds to the 1% full scale glass buret, therefore each milliliter corresponds to 0.1% titratable acidity. Approximate 1000 mL capacity bottle. Replacement buret kit includes: 10 mL acrylic buret and 5 inches of Tygon® tubing oversleeve.

Description	Unit	Stock#	PRICE
Acidity tester	EA	483-3065	$334.74
Parts & Accessories			
Replacement buret kit	KT	483-3066	$123.08
Buret Hose	FT	681-3110	$3.30
Bulb Hose	FT	189-1040	$0.71
Nalgene Flask	EA	479-3311	$66.22
Rubber Stopper, size 3, two-hole	EA	220-3300	$0.52
Clamp	EA	483-3067	$39.40
Bulb	EA	498-3500	$16.38
Glass piece for hoses	EA	483-3923	$13.50

Titratable Acidity Standard System

Verify the accuracy of your titratable acidity solution (0.100N Sodium Hydroxide). Here's how:

1. Precisely dispense 2 mL's (#090-3022) of the 0.1N KHP standard (#131-3825) into the graduated plastic capped tubes (#700-3222).

2. Add 3 drops of phenolphthalein indicator (#131-3060) to the tubes and titrate 2 mL's of your 0.1N NaOH; swirl. It should hold a pink end point to indicate your 0.1N NaOH is the correct normality.

3. Remove the 2 mL dispenser after each use and recap your KHP to ensure the normality remains 0.1N.

Description	Unit	Stock#	PRICE
0.100N Potassium Hydrogen Phthalate, 500 mL btl	BO	131-3825	$27.27
15 mL Graduated Centrifuge Tubes, 50/pk, 10 pk/ca	PK	700-3222	$10.24
Brandtech 2 mL Fixed Volume Dispensette S	EA	090-3032	$400.95
Phenolphthalein, 60 mL btl	BO	131-3060	$7.89

Melamine Cup

White interior is ideal for titratable acidity end point recognition. Many lab uses—for example, as a mortar or mixing cup. Contructed of durable melamine material. White exterior. 2.15"H x 3.84" top diameter. 24/case.

CARLISLE

Unit	Stock#	PRICE
EA	618-6078	$3.85

Coors Wedgewood Mortar

145 mL capacity mortar has glazed exterior and rough interior. Features a molded-in pour spout. 90 mm. Use for sample prep with gold electrode procedure.

Unit	Stock#	PRICE
EA	155-3425	$29.69

SAM GRAY Gold Electrode™

Highly recommended for accuracy and reliability, this electrode avoids the clogging problems associated with glass electrodes. Most major food processors use it to establish definitive pH readings when buying bulk cheese as a raw material. Plants also use it as a reference for checking accuracy of glass electrodes.

Used in the gold electrode/quinhydrone method of pH analysis, the SAM GRAY Gold Electrode is referenced in Standard Methods for the Examination of Dairy Products (APHA). This method is ideally suited for high fat, protein-aceous, cheese samples. The primary reasons for this are:

- The reference electrode's junction is isolated from the material being tested.
- The pH electrode does not utilize a glass membrane.
- The pH measurement utilizes the redox potential of the entire sample/quinhydrone mixture, rather than only the ionic potential generated at a glass membrane/sample interface.

As a result: samples cannot clog the electrode; and there are no errors caused by localized pockets of salt, whey or other substances in the sample. Temperature is precisely accounted for in determining pH value. Standard deviation is less than ±0.02 pH.

Each SAM GRAY Gold Electrode is individually checked and assigned a serial number. The electrode has a 99.99% pure gold tip and 40" replaceable lead with strain-relief boot and pin-tip connector. Plastic oversleeve is included for checking electrode accuracy using buffer solutions. Furnished in an attractive wooden box with millivolt/pH conversion table.

Related equipment: 100 mL beaker, calomel reference electrode, ceramic cup/mortar, pestle, pH meters and other listed supplies are sold separately.

Description	Unit	Stock#	PRICE
Gold electrode w/pin tip connector	EA	276-3005	$628.34
Supplies/Accessories			
Adapter, BNC to dual pin	EA	481-3006	$40.36
Calomel reference electrode, Hach, glass	EA	208-3304	$211.77
Adapter cable for Hach reference electrode	EA	208-3111	$66.11
Gold electrode straw, 2000/bag	BG	622-3000	$41.58
Plastic oversleeve, replacement	EA	276-3010	$67.80
Potassium chloride, 1L btl	BO	131-3760	$28.78
Quinhydrone, 500 g	JR	255-3005	$299.00
Transfer tube w/plunger, 6"	EA	156-3889	$0.78
KCL, saturated, 1L	BO	131-3760	$28.78
Buffer, pH 5, 500 mL	BO	034-3045	$8.99
Electrode cleaner, 25 g	BO	780-3730	$32.54

Prices subject to change.

BENCHTOP pH METERS

Thermo Scientific™ Orion™ pH Meters

A wide range of quality pH/ISE meters, electrodes and accessory products are offered to meet all of the measurement needs in food and dairy laboratories. These easy-to-use, easy-to-read meters have a direct readout of pH or mV and temperature. RS232 communications allow easy interface to computer or printer. Tactile keypads, audio feedback, and user prompting simplify calibration and nearly eliminate the possibility of user error. Especially impressive about the Orion family of pH meters, electrodes and accessories is their tremendous value at a great low price. BNC, pin tip, ATC, power inputs, and 110V AC are standard. All models provide LCD displays. Each meter comes with full service and application support, a certificate of calibration, plus a 3-year warranty.

Thermo Scientific™ Orion™ StarA211 pH Benchtop Meters

The ideal choice for dedicated pH testing in food processes, water, research and QA/QC samples. Large backlit, graphic LCD displays pH, mV and temperature in degrees C or F, along with electrode status, user ID and calibration points. Up to 5-point pH calibration with auto-buffer recognition.

Advanced features include stability and averaging choices, multi-language interface, temperature offset calibration, and 2000 data point with time and date stamp memory. Able to store up to 10 methods for customized procedures. Sample stir option (sold separately), USB and RS232 data ports, IP54-rated housing. Includes complimentary data analysis software and AC power adapter or run on four-AA batteries (sold separately). 3-year warranty.

Order meter w/ electrode arm and AC adapter, or as a kit. StarA2115 kit includes: Electrode Arm, AC Adapter, 8302BNUMD ROSS Triode Electrode, ROSS Solutions Kit. StarA2116 kit includes: Electrode Arm, AC Adapter, 8157BNUMD ROSS Triode Electrode, All-in-One pH Solutions Kit.

Model	Description	Unit	Stock#	PRICE
StarA2110	pH Meter w/ Electrode Arm & AC Adapter	EA	504-3203	$754.20
StarA2115	pH Meter Kit	KT	504-3228	$1,026.00
StarA2116	pH Meter Kit	KT	504-3127	$1,053.00
Accessories				
1010003	AC Adapter, Universal	EA	504-3011	$66.13
StarA-BEA	Electrode Arm for StarA Meters	EA	504-3122	$149.40
StarA-HB	Freestanding Base for StarA Electrode Arm	EA	504-3126	$49.50
096019	Orion Star Stirrer Probe	EA	504-3128	$223.20

Thermo Scientific™ Orion™ StarA111 pH Benchtop Meters

Orion StarA111 Benchtop Meters combine simplicity with accuracy for dedicated pH applications. Large LCD displays pH, mV, slope, and temperature in degrees C or F. Features up to 3-point buffer calibration, temperature offset calibration, and IP54 splash-rated housing. AC power adapter included, or use 4 AA batteries (sold separately). 3-year warranty.

Order meter with electrode arm & AC adapter or as a kit. Kit includes: Electrode Arm, AC Adapter, 9157BNMD Triode Electrode & Solutions Kit.

Model	Description	Unit	Stock#	PRICE
StarA1110	pH Meter w/ Electrode Arm & AC Adapter	EA	504-3314	$484.20
StarA1115	pH Meter Kit	KT	504-3250	$716.40
Accessories				
StarA-BEA	Electrode Arm for StarA Meters	EA	504-3122	$149.40
StarA-HB	Freestanding Base for StarA Electrode Arm	EA	504-3126	$49.50

Wondering which meter is the best fit for your application? Simply give us a call at 800-826-8302 and our Laboratory Products Specialists can help with a recommendation.

Call Customer Service at 800-826-8302

BENCHTOP pH METERS

Thermo Scientific™ Orion™ Versa Star pH Meters

Increase your productivity of pH measurements with the versatile Orion Versa Star pH Meters. Large colored LCD displays pH/mV/ORP and user prompts make accuracy and repeatability easy for even the most complex and difficult samples. Up to 6-point pH calibration with auto-buffer recognition and electrode identification. Advanced features include calibration editing function and temperature offset calibration, time and date stamp memory and customized methods. Add stirrers and modules (sold separately) to analyze two separate samples at the same time. IP54-rated housing. 3-year warranty. Versa Star 10 Series pH Benchtop Meter with pH/Temperature Module, Electrode Arm & AC Adapter comes complete with single channel pH module, two USB and RS232 data ports, and data analysis software. VStar80 pH Benchtop Meter with LogR technology allows for having all features of the Versa Star 10 plus advanced electrode diagnostics, and temperature-compensated pH readings without a temperature sensor. Include one LogR pH/temperature module, and 927007MD temperature probe for LogR temperature offset calibration, electrode arm and AC adapter. VStar82 pH Benchtop Meter with LogR technology allows for having all features of the Versa Star 10 plus advanced electrode diagnostics, and temperature-compensated pH readings without a temperature sensor. Include one LogR pH/temperature module, 8172BNWP ROSS Sure-Flow Electrode, and 927007MD temperature probe for LogR temperature offset calibration, ROSS solutions kit, electrode arm and AC adapter.

Model	Description	Unit	Stock#	PRICE
VStar10	VStar10 pH meter	EA	504-3133	$1,237.50
VStar80	VStar80 pH meter kit	KT	504-3129	$1,597.50
VStar82	VStar82 pH meter kit	KT	504-3130	$1,926.00
Accessories				
VStar-ISE	Orion Versa Star pH/ISE/ temperature module	EA	504-3170	$963.00
VStar-CND	Orion Versa Star conductivity/temperature module	EA	504-3171	$823.50
VStar-RD	Orion Versa Star DO/ RDO/temperature module	EA	504-3172	$823.50

Thermo Scientific™ Orion™ pH Meter Accessories

Description	Unit	Stock#	PRICE
Accessories			
Adapter, AC, for Star & A Series meters	EA	504-3011	$66.13
Electrode holder/stand	EA	504-3100	$184.14
BNC shorting strap	EA	504-3972	$59.40
ATC Probes			
SS body, for Star meters	EA	504-3243	$343.53
Epoxy body, for Star meters	EA	504-3705	$283.14
SS body, for A Series meters	EA	504-3202	$304.92
Epoxy body, for A Series meters	EA	504-3114	$234.90
Glass body, for A Series meters	EA	504-3949	$230.40

METTLER TOLEDO SevenCompact™ pH/Ion Meters

Perfect choice for a wide range of food production applications. The SevenCompact pH/Ion S220 meter is much more than a pH meter: it can also measure ORP and ion concentrations in various units. Starting a measurement or calibration has never been easier, requiring only a single keypress.

Seven good reasons for Seven-Compact:

- Fast and accurate measurements.
- User-friendly operation.
- Menu guidance in 10 languages.
- Clear, well arranged color display.
- Many peripheral options.
- GLP compliant.
- Up to 5 calibration points.

Order meter with electrode holder only or as a kit. Kit includes: electrode holder, InLab Expert Pro electrode, pH buffer 4.01, 7.00, 9.21 and 10.

Model	Description	Unit	Stock#	PRICE
S220-Basic	Meter with electrode holder	EA	340-3592	$904.50
S220-Kit	Kit	KT	340-3593	$1,098.00

METTLER TOLEDO FiveEasy™ pH Meter

Ideally suited for applications in the laboratory the new FiveEasy benchtop instrument provides high quality pH/mV or conductivity measurements with the simple click of a button. Compact in design, and featuring various data export opportunities, the FiveEasy series instruments are the perfect companion to get reliable measurement data, all at a reasonable price. Includes the LE438, 3-in-1 plastic electrode with integrated temperature sensor for field use, samples with fluctuating temperatures. Purchase as a kit or meter only. Kit includes meter and LE438 3-in-1 plastic electrode and probe stand.

- Measuring Range (Minimum): 0 (pH); -2000 (mV); 0°C.
- Measuring Range (Maximum): 14.00 (pH); 2000(mV); 100°C.
- Calibration Points: up to 3 (linear).

Mfg Part #	Description	Unit	Stock#	PRICE
F-20 Meter	Meter Only	EA	340-3940	$462.48
F20-Standard	Kit	KT	340-3950	$595.00

Prices subject to change.

METTLER TOLEDO FiveEasy Plus™ pH Meters

All of the same great features as the FiveEasy™, this instrument takes accuracy in its measurements to the next level. Purchase as a kit or meter only. Kit includes meter and LE438 3-in-1 plastic electrode and probe stand.

- Measuring Range (Minimum): -2.00 (pH); -2000 (mV); -5°C.
- Measuring Range (Maximum): 16.00 (pH); 2000 (mV); 105°C.
- Calibration Points: up to 5 (linear or segmented).

Mfg Part #	Description	Unit	Stock#	PRICE
FP20-Meter	Meter only	EA	340-3957	$615.00
FP20-Standard	Kit	KT	340-3952	$750.00

METTLER TOLEDO pH Accessories

Model	Description	Unit	Stock#	PRICE
51300164	NTC 30 kilo-ohm temperature probe, stainless steel cable included	EA	340-3164	$154.98
30281915	Electrode Cable S7-BNC	EA	340-3962	$50.00
30281896	Electrode Cable Multipin - BNC/RCA	EA	340-3961	$103.00

Oakton® pH 700 Benchtop pH Meters

Low cost, high performance pH meters in a compact design. Large dual display shows both pH or mV and temperature. Features include 5-point calibration with auto buffer recognition, selectable manual or automatic temperature compensation, hold function, ready and diagnostic error message indicators. Includes slide-out quick reference instruction card and power supply. Order meter only or as a kit. 3-year warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35419-00	Meter only	EA	502-3419	$475.77
WD-35419-12	Meter w/electrode stand	KT	502-3912	$560.74
WD-35419-10	Meter w/stand, electrode, ATC probe	KT	502-3541	$669.69
Accessories				
WD-35617-50	Electrode stand, holds 4 electrodes and TempProbe	EA	02-3201	115.94
WD-35805-04	Electrode, glass body, refillable	EA	502-3805	$140.93
WD-35613-13	ATC probe	EA	502-3613	$50.97

Oakton® pH 2700 pH/mV/Temperature Meters

Compact design with large, easy-to-read bright backlight display. Dynamic reading stability indication, up to 500-point memory with date-time stamp for GLP, output data to printer or PC. Calibration due alarm function, water-resistant membrane keypad offers password protection for set-up and calibration. Multiple pH slopes and offset display enables quick, easy electrode diagnosis. Features resolution up to 0.001 pH, up to 6-point auto buffer recognition, automatic or manual temperature compensation, display temperature in °F or °C, and display hold. Electrode holder can be mounted on either side of meter. Quick-reference instruction card and power supply included. 3-year warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35420-22	Meter w/electrode stand & software	KT	502-3222	$720.67
WD-35420-22	Meter w/electrode stand, software, pH electrode, ATC probe	KT	502-3542	$850.61
Accessories				
WD-35805-04	Electrode, glass body, refillable	EA	502-3805	$140.93
WD-35613-13	ATC probe	EA	502-3613	$50.97

Call Customer Service at 800-826-8302

BENCHTOP pH METERS

Ohaus® Starter 2100 Bench pH Meters

The bench meter of choice for those looking for a cost-effective pH meter that will provide reliable measurements time and time again. Features a built-in, adjustable electrode arm for simple and convenient operation. An auto buffer recognition helps to avoid errors during the calibration process and 2-point calibration. Measurement ranges: 0 to 14 pH, -1999 to 1999 mV, 0° to 100°C. Resolution: 0.01 pH, 1 mV, 0.1°C. Accuracy: ±0.01 pH, ±1 mV, ±0.5°C. Powered by AC adapter (included). Includes 1-year warranty.

Model	Description	Unit	Stock#	PRICE
ST2100-B	Meter w/ built-in electrode holder	EA	501-3161	$334.05
ST2100-F	Meter w/ST210 electrode, STTEMP30 temp probe, electrode holder, and pH buffer powder sachets	KT	501-3162	$390.15

Ohaus® Starter 3100 Bench pH Meters

Offers many premier features that propel the bench meter to an advanced level of operational efficiency. Measurement ranges: -2 to 16pH, -1999 mV, -5° to 110°C. Resolution: 0.01 pH, 1mV, 0.1°C. Accuracy: ±0.01 pH, ± mV, ±0.5°C. Powered by AC adapter (included). Includes 1-year warranty.

Features include:

- 3-point calibration for the highest accuracy.
- Automatic and manual temperature compensation.
- Automatic and manual endpoint functions determine the stability of readings.
- Adjustable electrode holder for maximum versatility.
- Auto buffer recognition helps to avoid errors during the calibration process.
- 99 sets of date memory and the ability to instantly recall the last calibration data.
- Self-diagnostic software provides assurance that the meter is in proper working condition.
- Each time a pH sensor is calibrated.
- An icon appears on the display to confirm the accuracy of the calibration process so you can ensure accurate measurement.
- Connection to external devices through RS232 port.

Model	Specifications	Unit	Stock#	PRICE
ST3100-B	Meter with stand alone electrode holder	EA	501-3151	$476.85
ST3100-F	Meter with ST310 3-in-1 electrode holder, pH buffer powder sachets and in-use cover	KT	501-3152	$537.20

Ohaus® Starter 5000 Bench pH Meter

Backed by Ohaus' century-old commitment to providing precise measurement, the Starter 5000 provides accurate pH and ORP measurement for advanced experiments and research. Enhanced features, advanced technology, and high performance have been combined to support complex laboratory tasks, requiring pH measurement. Equipped with a 1,000 measurement memory, eight predefined buffer groups, three endpoint modes, color touchscreen, stand-alone electrode holder, USB port, IP54 housing and in-use cover. Measurement ranges: -2 to 20pH, -2000 to 2000 mV. Accuracy: +- 0.002pH, +- mV, +- 0.1°C. Powered by AC Adapter (included). 1-year warranty.

Model	Specifications	Unit	Stock#	PRICE
ST5000-B	Meter w/ stand alone electrode holder, in-use cover & 4G USB-driver	EA	501-3171	$1,020.00

For 9lectrode Golutions, 7leaners and 5ccessories, see pages 640 & 641.

Prices subject to change.

Thermo Scientific™ Orion™ StarA221 pH Portable Meters

Get the readings that you need in your food production areas with the Orion StarA221 meter. Large backlit graphic LCD display shows pH/mV/RmV and temperature in °F or °C along with electrode status, time and date stamp, and calibration points. Features waterproof IP67-rated housing with USB and RS232 ports, multi language interface, up to 5-point calibration with automatic buffer recognition, and memory up to 1000 data points. Includes complimentary data analysis software and four AA batteries. AC power optional with purchase of universal power adapter sold separately. 3-year warranty.

Order meter only or as a kit. Kit includes: 8107UWMMD electrode, buffers & solutions, protective armor with electrode holder, hard carry-case & batteries.

Model	Description	Unit	Stock#	PRICE
STARA2210	pH Meter only	EA	504-3220	$522.00
STARA2215	Kit	KT	504-3211	$1,020.60
Accessories				
STARA-AR	Protective armor w/ electrode holders	EA	504-3229	$93.60
1010003	AC Power Adapter	EA	504-3011	$66.13

Thermo Scientific™ Orion™ StarA121 pH Portable Meters

Combine simplicity and accuracy in a IP67-rated waterproof housing, with the Orion StarA121 portable pH meter. Large LCD display shows pH or mV readings along with temperature in °F or °C, battery life, electrode status, and calibration information. Features up to 3-point calibration with automatic buffer recognition, recall of calibration slope data, and memory up to 50 data points. Four AA batteries included or run meter on AC power with purchase of universal power adapter (sold separately). 3-year warranty.

Order meter only or as a kit. Kit includes: 9107BNMD electrode, buffers & solutions, protective armor with electrode holder, hard carry-case & batteries.

Model	Description	Unit	Stock#	PRICE
STARA1210	pH Meter only	EA	504-3131	$448.20
STARA1215	Kit	KT	504-3252	759.60
Accessories				
STARA-AR	Protective armor w/ electrode holders	EA	504-3229	$93.60
1010003	AC power adapter	EA	504-3011	$66.13

Mettler-Toledo Seven2Go™ Portable pH/mV Meters

Simple and reliable, attractively designed and robust. The Seven2Go portables are engineered to provide users with fast quality data, one-handed operation, and durability - making them ideally suited for mobile applications in the laboratory, at-line, or outdoors.

Measuring range: -2 to 20 pH, -1999 to 1999 mV.
Accuracy: ±0.01 pH, ±1 mV.
Temperature measuring range: -5.0 to 105.0°C.

5-point calibration with automatic buffer recognition and storage capacity for 200 measurements. IP67 rated weatherproof and robust design. ISM ready. Powered by 4 AA batteries.

Model	Description	Unit	Stock#	PRICE
S2-Meter	Meter with electrode clip and batteries	EA	340-3661	$540.00
S2-Standard Kit	Meter with InLab Expert Pro-ISM-IP67 electrode	KT	340-3662	$688.50
S2-Field Kit	Meter with InLab Expert Pro-ISM-IP67 electrode & uGo™ carrying case	KT	340-3663	$729.00
S2-Food Kit	Meter with InLab Solids Pro-IP67 electrode	KT	340-3664	$783.00

METTLER TOLEDO FiveGo™ pH Meters

Ideally suited for mobile applications in the laboratory, at-line, or outdoors, the new FiveGo portable instruments provide high quality pH/mV measurements with the simple click of a button. The robust and waterproof design makes the FiveGo instruments the perfect companion to get reliable measurement data even in hard conditions, all at a reasonable price. Purchase as a kit or meter only.

- Measuring Range (Minimum): 0.00 (pH); -1999 (mV); 0°C.
- Measuring Range (Maximum): 14.00 (pH); 1999 (mV); 100°C.
- Calibration Points: up to 3 (linear).
- Power Requirements: 4 x AAA batteries.

Model #	Description	Unit	Stock#	PRICE
F2 Meter	Portable pH Meter Only	EA	340-3954	$492.00
F2 Standard Kit	Portable pH Meter and LE438-IP67 pH Sensor	KT	340-3955	$562.50
F2 Food	Portable pH Meter, LE427-IP67 Puncture pH Sensor, and Carrying Case	KT	340-3958	$621.00

Call Customer Service at 800-826-8302

PORTABLE pH METERS

Oakton® pH 6+ Meters

This portable pH meter is perfect for fast, accurate results. ATC ensures accurate readings from 0° to 100°C. A custom LCD display shows pH/mV or temperature readings. A protective rubber boot is included for sturdy protection and also doubles as a benchtop stand. pH range of 0.00 to 14.00 with a resolution of 0.01pH. Relative accuracy: ±0.01pH. Temperature range: 0.00° to 100.0°C. Sold as meter only or as a kit. Kit includes 1 each: meter, pH electrode (#502-3700), ATC probe (#502-3993), pH 4, 7, and 10 buffer 20 mL pouches , pH 4, 7 buffer 60 mL bottles, storage solution, DI water, batteries, manual, and carrying case.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35613-20	pH 6+ Meter only with ATC probe	EA	502-3320	$263.88
WD-35613-24	Kit	KT	502-3324	$391.81

Oakton® pH 450 Meters

The best value for a rugged, IP67 rated waterproof meter with advanced features. Large, backlit custom display lets you view measurement of pH, ISE or mV with temperature and calibration data with % slope. The built-in memory function stores up to 500 data sets and can be exported by USB or RS-232 with optional cables. Built-in real-time clock stamps stored data and calibration data with time and date which helps you meet standards for Good Laboratory Practices (GLP). The meter also features 6-point pH calibration, auto buffer recognition and a calibration alarm that visually reminds you when it is time to recalibrate the meter. Comes with a built-in stand and Grip-Clip™ electrode holder. Other features include: hold function, ready indicator, automatic shut-off and battery life indicator. Unit is powered by two AA batteries (included) that will power the meter for 550 hours without backlight or you can purchase the optional AC adapter. Compatible with pH/ISE electrodes having a BNC connector. Ordering options: meter only with Grip-Clip electrode holder, meter with "All-in-One" pH electrode (WD-35808-71) and Grip-Clip electrode holder or meter kit which includes meter, "All-in-One" pH electrode (WD-35808-71), pH buffers, storage solution, rinse solution, Grip-Clip electrode holder, and hard carrying case.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35618-32	Meter only	EA	502-3832	$536.00
WD-35618-30	Meter with probe	EA	502-3831	$621.00
WD-35618-90	Meter kit	KT	502-3890	$681.00
Accessories				
WD-35618-05	ATC probe, stainless steel	EA	502-3618	$69.97
WD-35420-72	AC adapter, 110/220 VAC	EA	502-3072	$62.00
WD-35614-50	Replacement Grip-Clip electrode holder	EA	502-3450	$25.00
WD-35630-53	USB cable	EA	502-3053	$41.50
WD-35420-01	RS-232 Cable	EA	502-3054	$46.00
	Batteries, 4/bx	BX	192-2102	$2.69

Oakton® pH 150 Meters

The best value for an IP67 rated waterproof meter. Large, three-line LCD display lets you view pH or mV measurement with temperature and calibration data with % slope. The built-in memory function stores up to 150 measurements with temperature. The meter also features 6-point pH calibration, auto buffer recognition and a calibration alarm that visually reminds you when it is time to recalibrate the meter. Comes with a built-in stand and Grip-Clip™ electrode holder. Other features include: hold function, ready indicator, automatic shut-off and battery life indicator. Unit is powered by two AA batteries (included) that will power the meter for 700 hours continuous or you can purchase the optional AC adapter. Compatible with pH electrodes having a BNC connector.

Ordering options: meter only with Grip-Clip electrode holder, meter with "All-in-One" pH electrode (WD-35808-71), pH buffers, storage solution, rinse solution, Grip-Clip electrode holder, and hard carrying case.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35614-32	Meter only	EA	502-3432	$357.00
WD-35614-30	Meter with probe	EA	502-3430	$451.00
WD-35614-90	Meter kit	KT	502-3490	$511.00
Accessories				
WD-35618-05	ATC probe, stainless steel	EA	502-3618	$69.97
WD-35420-72	AC adapter, 110/220 VAC	EA	502-3072	$62.00
WD-35614-50	Replacement Grip-Clip electrode holder	EA	502-3450	$25.00
	Batteries, 4/bx	BX	192-2102	$2.69

Ohaus® Starter 300 Portable pH Meters

A convenient portable pH meter for wherever your work takes you. Intuitive software and a well-organized display work in tandem to make operating the Starter 300 a simple and straightforward task. Starter portable products fit comfortably in the palm of the hand. Each also comes equipped with a retractable built-in stand that can be used to prop up the meter on a flat surface. The Starter 300 tracks the accuracy of the calibration process right on the display so you can measure with peace-of-mind knowing your results will be highly precise. Measurement ranges 0 to 14 pH, -1999 to 1999 mV, 0°C to 100°C. Resolution: 0.01 ph, 1 mV, 0.1°C. Accuracy: ±0.01 ph, ±1 mV, ±0.5°C. Other features include: IP54 rated ABS housing, 3-point calibration, 30 sets of data memory, built-in stand and electrode holder and identification window. Powered by 4 AAA batteries (included).

Model	Specifications	Unit	Stock#	PRICE
ST300-B	Meter with electrode clip, wrist strap and batteries	EA	501-3101	$226.95
ST300-G	Meter with ST320 3-in-1 electrode, electrode clip, wrist strap, and batteries	KT	501-3102	$301.75

Prices subject to change.

HANNA® pH Meter Kit for Food & Dairy

The HANNA HI99161 portable pH meter for Food and Dairy is specially designed for monitoring pH in dairy processes to ensure quality products. The FC202D pH electrode features a rugged, easy-to-clean, PVDF body with a conical tip ideal for measurements in semi-solids like cheese and features a free diffusion sleeve type reference junction which prevents the typical problems of clogging in viscous liquids such as milk and condiments.

Kit includes: FC202D electrode, buffers, cleaning solution and carrying case.

Model	Description	Unit	Stock#	PRICE
HI99161	pH Meter kit	EA	296-3161	$421.90
FC202D	pH SMART electrode for dairy products	EA	296-3202	$164.07

HANNA® pH Meter Kit for Meats

Specifically designed for the pH analysis of meat products, the FC232D electrode incorporates many essential features to perform reliably without damaging the sample. Probe has a built-in temperature sensor that provides automatic temperature compensation, an open junction to avoid a clogged reference and nontoxic external body material. Kit includes: meter, FC232D electrode, FC099 blade, buffers, and case.

Model	Description	Unit	Stock#	PRICE
HI99163	pH Meter kit for meats	KT	296-3163	$421.90
FC232D	pH Electrode, spear tip for meat	EA	296-3232	$206.27

Ohaus® Starter pH Pen Meter

The Ohaus Starter pH pen meter provides what should be expected of a small pen meter: simple, fast, straightforward, no-frills yet highly accurate operation time and time again. With durable plastic housing, a protective cap that safeguards the sensor and an automatic shutdown feature that preserves battery life, the Starter pH pen meter can endure consistent use in rugged environments. Equipped with a wrist strap that helps to prevent unintentional dropping. The Starter pH pen meter is constructed with an IP67 waterproof design that can prevent water damage when accidentally dropped into liquid. Features a dual display showing the pH value and temperature and 3-point calibration. pH range: 0.00-14.00 with a resolution of 0.01 pH and an accuracy of 0.05 pH. Temperature range: 0.0-99°C with automatic temperature compensation. Powered by 4 AG13 1.5V micro alkaline batteries.

Mfg Part #	Specifications	Unit	Stock#	PRICE
ST20	ST20 meter with electrode	EA	501-3020	$76.80
pH20	Replacement electrode	EA	501-3021	$51.30

Oakton® pH Spear

Ideal for food applications, this rugged spear tip electrode easily penetrates soft and semi-solid products. Open-pore double junction electrode design resists clogging and contamination. Waterproof, dustproof housing. Up to three point calibration. Accuracy ±0.01 pH at room temperature. Electrode and batteries included. 1-year warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35634-40	pH Spear	EA	502-3634	$318.85
WD-35634-50	Replacement electrode	EA	502-3969	$196.91
WD-09377-16	Batteries, 6/pk	PK	502-3716	$20.65

Oakton® Waterproof pH Testr™ 20

A complete meter with key features at an economical price. IP67-rated housing sits flat on the table and floats on water. Replaceable, double-junction electrode sensors offer a clog-resistant Kynar® junction and a recessed glass bulb to protect against breakage. Features include up to 3-point calibration, auto-buffer recognition, and automatic temperature compensation. Accuracy ± 0.01 pH.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35634-20	pH Testr20 meter w/ electrode	EA	502-3420	$111.94
WD-35624-38	Replacement electrode	EA	502-3438	$75.21
WD-09377-16	Batteries, 6/pk	PK	502-3716	$20.65

Extech® ExStik® pH Meters

Rugged handheld pH meter with replaceable gel-filled or refillable flat surface electrodes. A great value for testing aqueous and semi-solid products. "Renew" feature alerts user when electrode needs replacement, "Cal" indicator alerts user to recalibrate. Analog bargraph originates at neutral point (pH 7.00) to conveniently view trends in acidity or alkalinity. Up to 3-pt calibration; ATC, waterproof (IP57). Resolution: 0.01 pH/0.1°C. Complete with protective sensor cap, sample cup, batteries, and neckstrap. Select pH100 for meter with gel-filled electrode. Select pH110 for meter with refillable KCL electrode. Order pH113 KCL reference kit separately.

Model	Description	Unit	Stock#	PRICE
Meters				
PH100	Meter with gel-filled electrode	EA	228-3100	$99.98
PH110	Meter with refillable electrode	EA	228-3110	$149.98
Accessories				
PH105	Gel-filled electrode	EA	228-3105	$56.23
PH115	Refillable electrode	EA	228-3115	$68.73
PH113	Reference solution kit for pH110, pH115	EA	228-3113	$23.73

Call Customer Service at 800-826-8302

PORTABLE pH, ORP & MULTIPARAMETER METERS

Oakton® Waterproof EcoTestr™ pH 2

Easily view measurements at a glance with this economical and easy-to-use portable pH tester. The clear screen and ergonomically designed display enhances readability. But don't be fooled-it is built tough enough to be used in dirty and damp field conditions. The single-junction electrode is well suited for general purpose pH applications. Up to three point calibration with auto-buffer recognition and ATC (automatic temperature compensation). Batteries included, 6/pack. Accuracy ±0.1 pH.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35423-10	EcoTestr pH 2	EA	)02-3423	65.22
WD-09377-16	Batteries, 6/pk	PK	502-3716	$20.65

Oakton® PCS Testr™ 35

Oakton's most versatile pocket-sized meter, the waterproof multi-parameter PCS Testr 35 is capable of displaying five measurements in one instrument! Measure temperature and toggle between pH, conductivity, TDS, and salinity. Valox® housing and stainless steel electrode offer good chemical compatibility and durability. Calibration: pH up to 5 points, Conductivity and TDS up to 3 points. Sensor and batteries included.

Accuracy:

- pH ± 0.1.
- Conductivity, TDS Salinity ± 1% full scale.
- Temperature ± 0.5°C.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35425-10	PCS Testr 35	EA	502-3425	$175.92
WD-35425-50	Replacement sensor	EA	502-3255	$84.21
WD-09377-16	Batteries, 6/pk	PK	502-3716	$20.65

Oakton® ORP Testr™ 10

Waterproof, dustproof tester for convenient testing of oxidation-reduction (REDOX) potential. Rugged thermoplastic body, platinum, glass and Kynar® reference double junction offer good compatibility and durability. Range -999 to +1000mV. Accuracy: ±2 mV. Electrode and batteries included. 1-year warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
WD-35650-10	ORP Testr 10	EA	502-3650	$203.90
WD-35650-09	Replacement electrode	EA	502-3509	$103.95
WD-09377-16	Batteries, 6/pk	PK	502-3716	$20.65

Myron L® ULTRAPEN™

Designed to be extremely accurate, fast and simple to use in diverse water applications. Available in 4 different models, one is sure to fit your needs! All models are IP67 rated. Each ULTRAPEN comes with scoop, soaker cap, pocket clip, holster, and lanyard. A true, one-handed instrument, the ULTRAPEN is easy to calibrate and easy to use. To take a measurement, you simply press a button then dip the pen in solution. Results display in seconds. Powered by one N type battery (included). Replacement sensors are available for the PT2, PT3 and PT4 models. Pens have a 1-year limited warranty and sensors have a 6 month limited warranty.

Used For	Unit	Stock#	PRICE
Conductivity, TDS, salinity, temperature	EA	406-3401	$165.00
pH, temperature	EA	406-3402	$155.00
ORP, temperature	EA	406-3403	$193.00
Free chlorine disinfecting powder, Free chlorine equivalent, temperature	EA	406-3404	$283.00

Prices subject to change.

pH ACCESSORIES & pH ELECTRODES

Thermo Scientific™ Orion™ Swing Arm Electrode Holder & Stand

Universal adjustable arm, base and holder. Holds up to four 12 mm diameter electrodes or one 16 mm diameter electrode.

Unit	Stock#	PRICE
EA	504-3973	$227.70

Hach® Electrode Stands

Universal, adjustable stands with or without stirrers.

Despcription	Unit	Stock#	PRICE
Stand w/out stirrer	EA	208-3000	$120.00
Stand w/stirrer	EA	208-3001	$390.00

Flexarm Electrode Holder

Move pH electrodes in and out of beakers easily. Made from high density polyethylene and PVC, this electrode holder holds and positions electrodes and probes gently and firmly. The rubber feet secure the base as you adjust the position of the 18″ arm. Comes with 1 or 2 heads. White.

Description	Unit	Stock#	PRICE
Single head electrode holder	EA	156-3112	$103.00
Double head electrode holder	EA	156-3351	$121.68

Thermo Scientific™ Orion™ ROSS™ Combination Electrodes

Experience superior measurement stability, faster response, greater accuracy and more reproducible results than conventional combination electrodes by switching to the ROSS combination electrode. Many styles available for various food processing and other applications. Electrodes with Orion Sure-Flow™ junctions feature unique, free-flowing liquid-to-liquid junctions to provide the most stable drift-free measurements. Junction never clogs; simply press cap to flush junction area.

Electrodes for measuring aqueous solutions in addition to more specific applications listed. Semi-solid products include soft cheeses, yogurt, soft butter, meats, soft ice-cream, sauces, and preserves. Solid surface products include harder cheeses, meats, fruits, etc. Sample temperature range 0 to 100°C.

Mfg. Part #	Description	Application	Junction	Fill Solution	Unit	Stock#	PRICE
For All pH Meters							
8102BNUWP	Ultra, glass body	Semi-solids, whey, milk	Ceramic	3M KCl	EA	504-3102	$450.00
8135BNUWP	Ultra, flat surface, epoxy body	Semi-solids, agar	Glass fiber	3M KCl	EA	504-3432	$546.30
8104BNUWP	Ultra, glass body, rugged bulb	Semi-solids, solids, whey, milk	Ceramic	3M KCl	EA	504-3434	$481.50
8156BNUWP	Ultra, epoxy body	CIP, whey, milk	Glass fiber	3M KCl	EA	504-3433	$446.40
8135BN	ROSS, flat surface, epoxy body	Semi-solids, agar	Glass fiber	3M KCl	EA	504-3123	$472.50
8102BN	ROSS, glass body	Semi-solids, whey, milk	Ceramic	3M KCl	EA	504-3237	$391.50
815600	ROSS, epoxy body	CIP, whey, milk	Glass fiber	3M KCl	EA	504-3156	$391.50
8104BN	ROSS, glass body, rugged bulb	Semi-solids, solids, whey, milk	Ceramic	3M KCl	EA	504-3105	$428.40
8163BNWP	ROSS, glass body, spear tip	Semi-solids, solids	Ceramic	3M KCl	EA	155-3237	$562.50
8165BNWP	ROSS, epoxy body, Sure-Flow	Semi-solids, solids	Sure-Flow	3M KCl	EA	155-3215	$468.00
8172BNWP	ROSS, Sure-Flow, glass body	Semi-solids, whey, milk	Sure-Flow	3M KCl	EA	504-3215	$479.70
For Orion™ VERSA STAR™, STAR™A & STAR Series							
8302BNUMD	Ultra Triode, pH/ATC, glass body	Semi-solids, whey, milk	Ceramic	3M KCl	EA	504-3802	$524.70
8157BNUMD	Ultra Triode, pH/ATC, epoxy body	CIP, whey, milk	Glass fiber	3M KCl	EA	504-3157	$520.20
8107BNUMD	Ultra Triode, pH/ATC, epoxy body, low maintenance	CIP, whey, milk	Glass capillary	Gel	EA	504-3820	$445.50

Call Customer Service at 800-826-8302

pH ELECTRODES & ACCESSORIES

Thermo Scientific™ Orion™ AquaPro™ pH Electrodes

Improved lifetime, low-maintenance electrode with open junction design for fast response. Ideal for environmental and field testing of aqueous solutions and other products. Double junction Ag/AgCl reference. For all pH meters; Triode model accommodates Star™ series meters. Sample temperature range: 0 to 60°C.

Mfg. Part #	Description	Application	Junction	Fill Solution	Unit	Stock#	PRICE
9135APWP	AquaPro, flat surface, epoxy body	Semi-solids, agar	Open	Polymer	EA	504-3134	$359.10
9104APWP	AquaPro, glass body, rugged bulb	Semi-solids, whey, milk	Open	Polymer	EA	504-3132	$329.40
9156APWP	AquaPro, epoxy body	CIP, whey	Open	Polymer	EA	504-3135	$333.90
9107APMD	AquaPro Triode, pH/ATC epoxy body	Whey, milk	Open	Polymer	EA	504-3907	$258.30

Thermo Scientific™ Orion™ Standard pH Electrodes

Combination electrodes with single junction Ag/AgCl reference (excluding Orion KnipHe™ model). Accurate, versatile electrodes of high value for routine analysis of aqueous solutions and other products.

Mfg Part#	Description	Application	Junction	Fill Solution	Unit	Stock#	PRICE
For All pH Meters							
9104BNWP	Glass body, rugged bulb	Semi-solids, solids, whey, milk	Ceramic	4M KCL w/AgCl	EA	155-3216	$234.00
9162BNWP	Low resistance, rugged glass bulb	Clean water, pure water	Ceramic	4M KCL w/AgCl	EA	504-3108	$333.90
9165BNWP	Sure-Flow, epoxy body	Semi-solids, whey, milk	Sure-Flow	4M KCL w/AgCl	EA	504-3165	$266.40
9172BNWP	Sure-Flow, glass body	Semi-solids, whey, milk	Sure-Flow	4M KCL w/AgCl	EA	504-3440	$273.60
9120APWP	KnipHe, blade, sheath, double junction	Meats, solids	Ceramic	3M KCL	EA	504-3117	$713.70
For Orion™ VERSA STAR™, Star™A & Star Series Meters							
9157BNMD	Triode, pH/ATC, epoxy body	Milk, whey, general purpose	Wick	4M KCL w/AgCl	EA	504-3915	$340.20
9107BNMD	Triode, pH/ATC, epoxy body	Milk, whey, general purpose	Wick	Gel	EA	504-3942	$243.00
For Orion™ A+ and A Series Meters							
9107BN	Triode, pH/ATC, epoxy body, low maintenance	Milk, whey, general purpose	Wick	Gel	EA	504-3125	$227.70
9157BN	Triode, pH/ATC, epoxy body	Milk, whey, general purpose	Glass fiber	4M KCL w/AgCl	EA	504-3110	$337.50

Thermo Scientific™ Orion™ Economy and Basic pH Electrodes

Combination electrodes with single junction Ag/AgCl reference for everyday use; ideal choice when price is a factor. Fits all pH meters with BNC connection.

Mfg Part#	Description	Application	Junction	Fill Solution	Unit	Stock#	PRICE
9106BNWP	Economy, epoxy body, low maintenance	Aqueous solutions	Wick	Gel	EA	155-3223	$117.90
913600	Economy, flat surface, low maintenance	Semi-solids, agar	Wick	Gel	EA	504-3115	$219.60
9142BN	Basic, glass body	Whey, milk	Ceramic	4M KCL w/Ag/AgCl	EA	504-3143	$92.70
9146BN	Basic, epoxy body, low maintenance	Aqueous	Wick	Gel	EA	504-3146	$69.57

Thermo Scientific™ Orion™ Auto-Stir BOD Probe

Speed, convenience, accuracy, and low maintenance all in one probe. The built-in stirrer disassembles easily for cleaning and provides vigorous sample agitation, preventing oxygen stratification. Stand can be used for storage and an air calibration beaker. One touch control provides fast, easy analysis with the new Orion Star series meters. Just press "measure" on the meter to initiate stirring. Storage bottles sold seperately.

Mfg Part #	Description	Unit	Stock#	PRICE
086030MD	Probe	EA	504-3310	$1,494.90
910003	Storage bottle, 3/pk	PK	504-3955	$57.32

Prices subject to change.

BOD Bottle Carrier

Polypropylene carrier holds eight standard (300 ml) BOD bottles. Measures 13-1/8″L x 6-3/4″W x 2-5/8″H with a 3-5/8″ tall handle for easy carrying. Openings are 72 mm diameter. Steam autoclavable at 121°C.

Unit	Stock#	PRICE
EA	010-3970	$82.84

METTLER TOLEDO Ingold Xerolyte® pH Electrodes

Solve the problem of sluggish, unstable readings and slope loss by using this polymer-filled electrode with an Ag/AgCl reference isolated by a Xerolyte solid electrolyte. Designed for use with cheese and meat; emulsions and suspensions; effluent waters; and media containing protein. Using an open port, instead of the conventional ceramic junction between the sample and the reference electrolyte, substantially reduces the risk of clogging. Non-refillable. Requires BNC/S7 adapter cable which is sold separately.

Mfg Part #	Description	Connector	Unit	Stock#	PRICE
59903311	Spear tip, plastic body	Screw cap	EA	340-3016	$503.00
Accessories					
10030109	Standard cable	Screw cap	EA	340-3503	$67.00
10010301	Heavy-duty cable	Screw cap	EA	340-3500	$98.00

3-in-1 Electrode for Hach SensION Meter

This Platinum Series pH electrode has a unique, replaceable electrolyte cartridges. With the press of your thumb, electrolyte is forced through an open junction guaranteeing flow to the sample, further reducing problems caused by clogged junctions. Plastic body with glass membrane sensor. BNC connection. Temperature range 0° to 45°C continuous use, 0° to 100°C occasional use. Includes two electrolyte cartridges.

Mfg Part #	Despcription	Application	Junction	Fill Solution	Unit	Stock#	PRICE
5191500	Platinum, flat surface	Semi-solids, liquids	Open	KCl gel	EA	208-3500	$440.00
Accessories							
2546902	KCl Electrolyte cartridge, 2 ea/pk				PK	208-3902	$15.39

METTLER TOLEDO InLab® Solids Electrodes

Measure samples with tough exteriors, such as cheese, meat, fruit and more with the the InLab solids electrode. which has a spear-shaped tip, which is specially designed for that purpose. Features an integrated temperature probe. Electrodes have Argenthal™ open, double junction. Requires cable, which is sold separately. Fill solution 3M KCL. Requires adapter cable which is sold separately.

Mfg Part #	Description	Connector	Unit	Stock#	PRICE
51343153	InLab Solids, spear tip, glass body	BNC/Screw cap	EA	156-3874	$324.14
51344155	InLab Solids Pro ISM, 3-in-1 pH ATC	Mult-pin	EA	340-3251	$390.10
51340333	InLab LE427, spear tip polycoat shaft, ceramic junction	Fixed BNC	EA	340-3333	$194.67
51343156	InLab solids Pro IP67, glass spear tip, pH/ATC	Fixed BNC	EA	340-3156	$416.74
Accessories					
51300164	ATC probe	RCA/Pin	EA	340-3164	$154.98
30281915	Cable, InLab	S7-BNC	EA	340-3962	$50.00
30281896	Cable, InLab	Multi-pin BNC/RCA	EA	340-3961	$103.00

Call Customer Service at 800-826-8302

pH ELECTRODES & ACCESSORIES

METTLER TOLEDO InLab® Versatile Electrodes

The replaceable ceramic junction of the InLab Versatile electrode extends the service life of the electrode by solving the single most common problem of a blocked junction. Simply replace the contaminated or blocked junction in seconds with a simple procedure and the electrode is once again as good as new! The Versatile fits pH meters with industry standard BNC connections. The Versatile Pro with integrated temperature probe fits pH meters with RCA temperature input. Applications include testing of milk, wine and beer. Replacement junctions and tool sold separately. Electrodes include fixed cables.

Mfg Part #	Description	Connector	Unit	Stock#	PRICE
51343031	Versatile Pro, 3-in-1, pH/ATC polysulfone body	Fixed cable, BNC/RCA	EA	340-3031	$231.52
Accessories					
51340268	Replaceable ceramic junction, 10/pk		PK	340-3268	$51.03
51340267	Junction replacement tool		EA	340-3267	$61.43

METTLER TOLEDO InLab® Easy Electrode

Combined pH electrode. A combination pH electrode with plastic shaft, gel electrolyte and S7 screw head. Designed for general applications in the lab and outdoor; maintenance free.

Mfg Part #	Description	Temperature Range	Connector	Unit	Stock#	PRICE
51343010	Combination pH electrode, polysulfone shaft, gel electrolyte	0°C - 80°C	S7-BNC	EA	340-3960	$167.31

METTLER TOLEDO InLab® Routine Electrodes

The InLab Routine electrode is a reliable workhorse in the laboratory. Made from extremely tough HA membrane glass, it can survive the hardest knocks unscathed. Recommended for testing jams, preserves, wine, beer, soft drinks, and brines. The Routine Pro contains an integrated temperature probe. Electrodes have argenthal (silver chloride double junction) w/3M KCl fill solution. Requires cable which is sold separately.

Mfg Part #	Description	Connector	Unit	Stock#	PRICE
51343050	Routine, HA glass body, refillable, 3M KCL	Screw cap	EA	340-3051	$181.44
51343054	Routine Pro, 3-in-1, pH/ATC, HA glass body	Multi-pin	EA	340-3056	$269.32
Accessories					
30281915	Cable, InLab Routine	S7-BNC	EA	340-3962	$50.00
30281896	Cable, InLab Routine Pro	Multi-pin BNC/RCA	EA	340-3961	$103.00

METTLER TOLEDO InLab® Surface Electrode

Designed to carry out pH measurements on solid or semi-solid surfaces. Temperature range: 0-50°C. Ag/AgCl w/3M KCl/AgCl reference. Requires adapter cable which is sold separately.

Mfg Part #	Description	Connector	Unit	Stock#	PRICE
5134157	Surface electrode, polysulfone, body refillable	BNC/Screw cap	EA	340-3157	$267.44
Accessories					
30281915	Cable, InLab Surface	S7-BNC	EA	340-3962	$50.00

pH Buffers and Cleaning Solutions found on pages 640 & 641

Prices subject to change.

METTLER TOLEDO InLab® Expert Electrodes

A versatile, combination glass pH electrode with PEEK (a type of plastic) shaft, open junction and solid XEROLYT™ Polymer reference electrolyte. Perfect for use in a wide range of applications including emulsions, suspensions, effluent water, and solutions containing proteins. Ideal for testing pH of milk and cream. Expert Pro contains an integrated temperature probe.

Mfg Part #	Description	Connector	Unit	Stock#	PRICE
51343100	Expert, PEEK shaft	BNC/Screw cap	EA	340-3100	$193.72
51343101	Expert Pro, 3-in-1 pH/ATC	Fixed cable, BNC/RCA	EA	340-3993	$279.72
51340242	LE438, 3-in-1 pH/ATC	Fixed cable, BNC/RCA	EA	340-3242	$166.32
Accessories					
51300164	ATC probe	RCA/Pin	EA	340-3164	$154.98
30281915	Cable, InLab Expert	S7-BNC	EA	340-3962	$50.00

METTLER TOLEDO InLab® Power Electrodes

Ensure extremely reliable and reproducible results with the InLab Power electrode. The SteadyForce™ reference system guarantees electrolyte flow at the ceramic diaphragm. Recommended for the measurement of butter, yogurt and ice cream. Probe is maintenance-free and autoclavable. S7 protective cap included. Requires adaptor cable, sold separately.

Mfg Part #	Description	Connector	Unit	Stock#	PRICE
51343110	Power, glass body	BNC/Screw cap	EA	340-3110	$481.95
Accessories					
30281915	Cable, InLab Power	S7-BNC	EA	340-3961	$103.00

METTLER TOLEDO InLab® Viscous Electrode

The InLab Viscous electrode was especially developed for viscous and glutinous samples. The Steadyforce™ reference system guarantees the discharge of electrolytes, even with the most fatty samples. The result is a problem solver for some of the most difficult sample types. Uses include testing of butter, yogurt, ice-cream, jams, preserves, dough, and cocoa. Requires adapter cable which is sold separately.

Mfg Part #	Description	Connector	Unit	Stock#	PRICE
51343150	Viscous, glass body, Steadyforce, gel-filled	BNC/Screw cap	EA	340-3007	$500.85
Accessories					
30281915	Cable, InLab Viscous	S7-BNC	EA	340-3961	$103.00

METTLER TOLEDO Xerolyt® Process pH Electrodes

Here's the answer to clogged junctions, which cause sluggish response times, drifting pH values, and shortened electrode life. Xerolyt process electrodes don't have a junction to clog up. They use an open port and a solid polymer gel electrolyte. This assures a free flow of ions and quick response even in thick slurries, which kill ordinary electrodes. It also eliminates the need for a pressurized housing and electrolyte refills. Temperature range of 0 to 110°C allows you to leave electrode in place during typical batching cycles. pH range: 2 to 14 extends to highly alkaline conditions. Conversion is simple, using existing housings already installed on your equipment. Xerolyt electrodes cannot be cleaned with pressurized steam. Because open port may allow penetration of material into electrode body, complete sterility may be difficult to attain. User must determine suitability. Adapter sold separately.

Mfg Part #	Description	Unit	Stock#	PRICE
104054287	Process electrode, 120 mm insertion length	EA	340-3011	$468.00
104054290	Process electrode, 225 mm insertion length	EA	340-3012	$564.00
Accessories				
100010301	BNC/S7 Adapter cable	EA	340-3500	$98.00

Call Customer Service at 800-826-8302

pH ELECTRODES & ACCESSORIES

METTLER TOLEDO DPAS Pressurized Process pH Electrodes

Unique pressurized, gel-filled combination electrodes with argental reference and ceramic juntion give superior performance over conventional non-pressurized models. DPAS electrodes combine the outstanding accuracy of liquid-filled models with the convenience of gel—resulting in faster response time, lower sensor drift, and longer lifetimes. What's more, they're fully autoclavable. And simple to install, since there's no need for pressurized housings. They never require refilling with reference electrolyte. The permanent overpressure on the reference half-cell helps prevent product, under fermentation pressure, from contaminating the electrolyte. Temperature range: 0 to 130°C. pH range: 2 to 12. Requires no fill solution. Adapter cable sold separately.

Mfg Part #	Insertion Length	Unit	Stock#	PRICE
104054479	120 mm	EA	340-3425	$351.00
104054480	200 mm	EA	340-3426	$386.00
414054485	250 mm	EA	340-3429	$386.00
104054482	325 mm	EA	340-3427	$416.00
Accessories				
100000103	BNC/S7 Adapter cable	EA	340-3536	$99.00

METTLER TOLEDO InPro® pH Electrodes

with Automatic Temperature Compensation

Low-maintenance, complete with Xerolyte® extra solid polymer reference system, open junction, and built-in temperature sensor to allow reliable and accurate temperature-compensated pH measurement. Can be installed through bottom or floor of a vessel or tank. Temperature range of 32-266°F. Outstanding pressure resistance of up to six bar fully covers the pressure range normally encountered in processing. Patented silver-ion barrier. VarioPin connector in heavy-duty PEEK-based material. Temperature range: 0° to 80°C. pH range: 0 to 14. Adapter cable sold separately.

Mfg Part #	Insertion Length	Unit	Stock#	PRICE
52000656	120 mm	EA	340-3970	$349.00
Accessories				
52300211	BNC/S7 Adapter cable	EA	340-3988	$227.00
203011003	O-ring, outside	EA	340-3632	$8.75
203011136	O-ring, inside	EA	340-3636	$8.75

METTLER TOLEDO Electrode Cables

Connection	Length	Unit	Stock#	PRICE
BNC/AK9	1 meter	EA	340-3536	$99.00
BNC/AS9	1 meter	EA	340-3500	$98.00
BNC/S8	3 meter	EA	340-3513	$102.00
BNC/VP-ST	3 meter	EA	340-3988	$227.00
BNC/S8	5 meter	EA	340-3515	$127.00
Tinned end/S8	1 meter	EA	340-3540	$93.00
Tinned end/S8	3 meter	EA	340-3541	$104.00
Tinned end/S8	5 meter	EA	340-3542	$117.00
BNC/S7	1 meter	EA	340-3503	$67.00

Prices subject to change.

pH ELECTRODES & ACCESSORIES

Oakton® Combination pH Electrodes

All Oakton electrodes feature a BNC connector with 3' fixed cable. Electrodes for measuring aqueous solutions in addition to more specific applications listed.

OAKTON®
INSTRUMENTS

Mfg Part #	Description	Application	Fill Solution	Unit	Stock#	PRICE
WD-35805-06	Epoxy body, double junction	General	Gel	EA	502-3701	$82.21
WD-35805-04	Glass body, double junction	Semi-solids	4M KCL	EA	502-3805	$140.93
WD-35805-19	Epoxy body, flat surface	Semi-solids	Gel	EA	502-3708	$96.96
WD-35805-18	Glass body, spear tip	Semi-solids	Gel	EA	502-3004	$146.92
WD-35801-71	3-in-One, epoxy body benchtop meters, .14" diameter ATC pin, single junction	General	Gel	EA	502-3713	$91.96
WD-35811-72	3-in One, epoxy body, Acorn meters, .10" diameter ATC pin, double junction	General	Gel	EA	502-3000	$136.93
WD-35811-71	3-in-One, epoxy body, .10" mini ATC pin, single junction	General	Gel	EA	502-3979	$93.21

Ohaus® pH Electrodes

Ohaus has pH electrodes for all your applications.

Mfg Part #	Description	Application	Fill Solution	Unit	Stock#	PRICE
ST320	3-in-1, Plastic body, BNC/cinch connector	Standard, aqueous samples	3M KCL Gel, non-refillable	EA	501-3201	$108.00
ST310	3-in-1, Plastic body, BNC/cinch connector	Standard 3M KCL, refillable samples	3M KCL, refillable	EA	501-3202	$108.00
STPURE	Glass body, BNC connector	Standard and pure water samples	3M KCL, refillable	EA	501-3203	$105.30
ST230	Glass body, BNC connector	Juice, milk and semi-solid samples	3M KCL, refillable	EA	501-3204	$93.60
ST210	Plastic body, BNC connector	Standard samples	3M KCL, refillable	EA	501-3205	$49.50
STSURF	Plastic body, BNC connector	Semi-solid and flat surface application	3M KCL, refillable	EA	501-3206	$122.40
STREF2	Saturated calolmel, 2mm banana connector	1/2 cell reference electrode		EA	501-3207	$145.80
STTEMP30	Stainless steel ATC probe	Temperature probe range, 0-100°C		EA	501-3208	$60.30

PINNACLE pH Electrode

Spear Tip

Excellent choice when a high-performance, low maintenance electrode is required. 6-month warranty.

Mfg Part #	Description	Application	Fill Solution	Unit	Stock#	PRICE
476456	Glass body	Semi-solids	3M KCl	EA	140-3615	$459.27

Oakton® pH Electrodes Selection Guide

With hundreds of uses, selecting the right pH electrode can be a challenge. Use our helpful selection guide to be sure you are ordering the appropriate electrode for your application. For further assistance, please call our lab product specialists or request a pH Measurement and Troubleshooting Guide.

Gel-Filled vs. Refillable Electrodes

Gel-filled electrodes are convenient and easier to maintain. However, the liquid-filled electrode will provide a faster response. Users can also replace the fill solution to optimize performance.

Glass vs. Epoxy Body Electrodes

Glass body electrodes will typically be able to withstand higher temperatures. The glass design offers better sealing, fusing glass to glass instead of relying on adhesives. the epoxy body is susceptible to breakage.

Bulb Design

pH electrodes are handblown by experienced craftsmen and can be modified to provide a semi-dome for increased ruggedness, a spear tip for soft penetration or even a flat surface. The glass formulation can provide increased range.

Reference Design

To achieve accurate results, the reference electrode must allow electrolyte solution to flow into the sample. Depending on the size of the material of the junction, this flow rate can be increased or kept to a minimum. Faster flow produces stable readings faster, but results in greater service requirements or premature electrode failure.

Reference Chemistry

The leading cause of electrode failure is reference contamination. The most popular electrodes use a silver chloride (AgCl) reference solution that can react with heavy metals, sulfides, and organics. If your application has any of these contaminants present, be sure to select either a double-junction or calomel electrode. The double junction electrode uses a second internal reference junction, restricting the AgCl solution to be the upper chamber where it is isolated from the sample. The calomel electrode replaces the AgCl with HgCl.

Call Customer Service at 800-826-8302

pH ELECTRODES & ACCESSORIES

PINNACLE pH Electrode

3-in-1 Combination Electrode

Epoxy body electrodes with ATC, for general use. (For newer Pinnacle meters, call our laboratory product specialists and reference the manufacturer part number, along with a "P" at the end.)

Mfg Part#	Description	Application	Fill Solution	Unit	Stock#	PRICE
476466	Flat surface, polymer	General	Gel	EA	140-3086	$264.01

Accessories

477269	Replaceable ceramic junction, 3/pk			PK	140-3740	$86.11

PINNACLE pH Electrodes

Glass Body

Fast, accurate, stable response over a wide range of applications. 1-year warranty.

Mfg Part #	Description	Application	Fill Solution	Unit	Stock#	PRICE
476146	High performance, rugged bulb	General use	3M KCl	EA	140-3582	$466.25
476296	Premium rugged bulb	Aqueous samples	3M KCl	EA	140-3611	$329.77

Electrode Solutions, Cleaners and Accessories

Call us for recommended cleaning procedures on pH electrodes supplied by Nelson-Jameson. By using the right cleaner with the correct procedure, you can rejuvenate your electrode and maintain its accuracy.

Mfg Part #	Description	Unit	Stock#	PRICE
Mettler Toledo				
51340053	Fill solution, Friscolyte B, 250 mL	BO	340-3109	$31.00
51340236	Fill solution, Viscolyte B, 250 mL	EA	340-3189	$16.90
51340068	Electrode protein cleaner, pepsin hydrochloric acid, 250 mL	BO	340-3090	$30.00
209891125	Electrode cleaner (for proteins), acid, 125 mL	BO	340-3108	$29.00
51340070	Ceramic diaphragm cleaner, 250 mL	BO	340-3105	$36.00
51340268	Replaceable ceramic junction, 10/pk	PK	340-3268	$51.03
51340267	Ceramic junction replacement tool	EA	340-3267	$61.43
Nelson-Jameson				
62812-033	Electrode cleaner, 500 mL, contains 20% HCl	BO	131-3104	$8.69
63283-067	Storage/fill solution, 3M KCl, 1 L	BO	131-3762	$39.97
9289GA	Fill solution, KCl, saturated w/o AgCl, 1 L	BO	131-3760	$28.78
Thermo Scientific™ Orion™				
910001	Electrode storage Solution, 475 mL	BO	504-3001	$51.30
810007	Ross fill solution, 3M KCl w/o Ag/Cl, 60 mL	BO	154-3752	$17.80
900011	Fill solution, 4M KCl w/Ag/Cl, 60 mL	BO	154-3753	$18.18
900021	pH cleaning solution A for removing protein, 4 x 1 oz btl	KT	504-3006	$57.24
900024	pH cleaning solution D for removing oil and grease, 4 x 2 oz btls	KT	504-3007	$58.32
930710	Nitrate interference suppressor, 475 mL btl	BO	504-3005	$81.45
910005	Protective guards for electrodes, 5/pk	PK	504-3901	$37.98
930707	Nitrate standard, 465 mL, 100 ppm as N	BO	504-3945	$90.32
841101	Sodium electrode storage solution, 475 mL	BO	504-3965	$69.50
810001	Ross electrode storage solution, 475 mL	BO	504-3910	$69.57
910168	1.68 pH buffer solution 475 mL	BO	504-3168	$20.43
910112	12.46 pH buffer solution, 475 mL	BO	504-3124	$20.43
Hach				
2657364	Electrode storage solution, powder pillows, 20/pk	PK	208-3364	$34.15
2756549	Storage solution, 3M KCL, 500 mL	BO	208-3549	$35.05
2546902	Electrolyte cartridge, KCL gel, 2/pk	PK	208-3902	$15.39
2769920	Singlet foil pouch, 4.0 and 7.0 pH buffer 10 ea/pk	PK	208-3920	$34.85
2299264	pH buffer pillows, 4.0 and 7.0 buffer, 10 ea/pk	PK	208-3264	$13.95

Prices subject to change.

pH BUFFERS

NELSON-JAMESON pH Buffers

Ready-to-use reference standards with an accuracy of ±0.02 pH at 25°C. The accuracy of EVERY lot is checked at the factory. Color-coded. ISO 9000 and NIST traceable. Larger sizes available, please call for details. pH measurement/troubleshooting sheet included with #034-3000 kit.

Buffer	Color	Unit	Stock#	PRICE
500 mL Bottles				
pH 4.01	Red	BO	034-3030	$8.99
pH 5.0	Green	BO	034-3045	$8.99
pH 6.0	Clear	BO	034-3056	$11.48
pH 7.0	Yellow	BO	034-3075	$8.99
pH 10.0	Blue	BO	034-3121	$8.99
500 mL Kit				
pH 4,5,7	Red, green, yellow	KT	034-3000	$22.99
1-Gallon Jugs				
pH 4.0	Red	JU	504-7004	$37.71
pH 7.0	Yellow	JU	504-7007	$37.71
pH 10.0	Blue	JU	504-7013	$40.89

Ricca pH Buffers

Great pH reference buffer for food processing, laboratory and production areas. Use with samples that have pH values outside the common 4.0 to 7.0 pH range, such as boiler water, effluent, and other industrial processes. 500 mL/btl.

Buffer	Unit	Stock#	PRICE
pH 2.0	BO	617-3040	$18.86
pH 12.0	BO	617-3090	$25.50

THERMOCOUPLE THERMOMETERS & TEMPERATURE PROBES

COOPER-ATKINS® Thermocouple Instruments & Probes

Rugged, digital thermocouples for measuring the entire range of temperatures typically encountered in food processing applications. Instruments (excluding Platinum RTD) accept any Type K thermocouple probe allowing maximum versatility to suit your needs. Durable, sealed housing keeps moisture from internal components. A standard certificate of calibration traceable to the National Institute of Standards and Technology (NIST) is included with each thermocouple. Contact our lab specialists for applications that require a documented NIST certificate with instrument (added charge). 5-year warranty on instruments. 1-year warranty on probes.

Cooper-Atkins Platinum RTD Instrument

New ergonomic design and an extended temperature range of -76° to 500° F, make this F/C switchable handheld a highly accurate digital thermometer. Utilizes thin-film platinum RTD probe sensor technology. The silicone-coated wire probe is permanently attached to the unit, sealed to provide a splash-proof instrument and includes a backlit LCD with total system accuracy. New auto-off feature with Min/Max and Hold buttons provides improved performance and comes with a 5-year instrument warranty.

Mfg Part #	Description	Accuracy	Unit	Stock#	PRICE
36036	Platinum RTD	+-0.5F/+-0.3C @ -76 to 200F/-60 to 93C, +-1F/+-0.5C @ 200 to 500F/93.3 to 260C	EA	047-3037	$314.79
36036 CERT	Platinum RTD with NIST traceable certificate	+-0.5F/+-0.3C @ -76 to 200F/-60 to 93C, +-1F/+-0.5C @ 200 to 500F/93.3 to 260C	EA	047-3636	$402.89

Call Customer Service at 800-826-8302

THERMOCOUPLE THERMOMETERS & TEMPERATURE PROBES

AquaTuff™ 350 Series Thermocouple Thermometers

Measure the entire range of temperatures typically encountered in food processing applications with this rugged, digital thermocouple thermometer. 35100-K and 35200-K accept any Type K thermocouple probe, allowing maximum versatility to suit your needs. These thermometers are IPX7 and NSF-rated. Probes are factory calibrated to the instrument in wrap and stow models. #352 models include hold and backlight features.

Mfg. Part #	Description	Range	Accuracy	Unit	Stock#	PRICE
35100-K	AquaTuff 351, thermometer only, NSF	-100° to 999°F/ -73° to 537°C	±0.5°F/ ±0.3°C	EA	047-3015	$246.78
35132-N	AquaTuff 351 with Wrap & Stow, Duraneedle probe, NSF	-100° to 500°F/ -73° to 260°C	±0.9°F/ ±0.5°C	EA	047-3034	$303.22
35200-K	AquaTuff 352, thermometer only, NSF	-100° to 999°F/ -73° to 537°C	±0.5°F/ ±0.3°C	EA	047-3016	$294.55
35232-N	AquaTuff 352 with Wrap & Stow, Duraneedle probe, NSF	-100° to 500°F/ -73° to 260°C	±0.9°F/ ±0.5°C	EA	047-3060	$342.51
55032-N	Duraneedle probe only, 4" shaft, NSF			EA	047-3032	$108.72
35132N-NIST	AquaTuff 351 with traceable certficate	-100° to 500°F/ -73° to 260°C	±0.9°F/ ±0.5°C	EA	047-3132	$370.10

EconoTemp™ Series Thermocouple Thermometer

Technology and economy combine in this innovative thermocouple intsrument. Designed with a powerful microprocessor and unique memory that stores calibration settings, it will virtually never need recalibration. Rubber boot protects ABS plastic housing, securely delivering impact ratings not found in other economy models. Accepts any K-style probe. Includes #9368 wall mount bracket. EconoTemp Plus model offers twice the precision of the EconoTemp model.

Mfg Part #	Description	Range	Accuracy	Unit	Stock#	PRICE
32311-K	EconoTemp, NSF, thermometer only	-40° to 500°F/ -40° to 260°C	±2°F/±1°C	EA	047-3992	$130.81
32322-K	EconoTemp Plus, thermometer only	-40° to 1000°F/ -40° to 538°C	±1°F/±0.5°C to 495°F, ±2°F/±1°C 496° to 1000°F	EA	047-3001	$176.19
93230-K	EconoTemp Combo Pack 32311-K with Duraneedle probe	-40° to 500°F/ -40° to 260°C	±2°F/±1°C	PK	047-3002	$179.21

Prices subject to change.

THERMOCOUPLE THERMOMETERS & TEMPERATURE PROBES

COOPER-ATKINS® Thermocouple Temperature Probes

COOPER-ATKINS temperature probes achieve the most accurate temperature reading possible. Maintain optimum quality during the manufacturing process to help ensure food safety. Use 'K' or 'N' part numbers with K-type thermocouples. Most probes also available in J- and T-type. Call for availability.

Mfg. Part #	Description	Application	Unit	Stock#	PRICE
Small Diameter Insertion/Immersion					
50207-K	Micro needle, chisel tip, 4" shaft, direct connect	Liquids, semi-solid small products	EA	047-3073	$61.93
50337-K	Duraneedle™, 4" shaft, direct connect	Liquids, semi-solid small products	EA	047-3013	$92.28
50209-K	Micro needle, round tip, 4" shaft	Liquids, semi-solid small products	EA	047-3074	$103.49
Multi-use High Temp Capability					
49126-K	Reduced tip, rugged 4" shaft, 36" straight flex cable	Liquids, semi-solid foods	EA	047-3066	$179.21
50427-K	Reduced tip, rugged 12" shaft, 48" coiled cable	Liquids, semi-solid foods	EA	047-3989	$236.75
Standard					
50334-K	Duraneedle™, rugged 4" shaft, 34" straight flex cable	Liquids, semi-solid foods	EA	047-3003	$97.03
50336-K	Duraneedle™, rugged 6" shaft	Liquids, semi-solid foods	EA	047-3336	$84.25
39035-K	⅛" needle, rugged 4" shaft	Liquids, semi-solid foods	EA	047-3996	$76.52
50335-K	⅛" needle, rugged 4" shaft	Liquids, semi-solid foods	EA	047-3079	$72.72
Heavy-Duty, Larger Handle					
49135-K	⅛" needle, rugged, 4" shaft, 36" straight flex cable	Liquids, semi-solid foods	EA	047-3006	$125.83
50143-K	Heavy-duty needle, 4" shaft, 48" coiled cable	Liquids, semi-solid foods	EA	047-3143	$124.79
50361-K	Armored meat, 4" shaft	Liquids, meat products	EA	047-3014	$136.00
50101-K	Extra duty, 3" shaft	Frozen products	EA	047-3007	$201.18
Ambient Air					
50332-K	Hand-held air, 4" shaft, 48" coiled cable	Walk-in refrigerators, freezers, vents	EA	047-3011	$87.11
50305-K	Freezer/cooler, mountable junction, 1" sensor, 8' straight flex cable, 24" coiled cable (to junction)	Freezers, coolers	EA	047-3009	$96.60
Oven or Freezer/Cooler					
50302-K	Oven probe, 2" with clip, fiberglass cable	Ovens, hot cabinets, freezer/cooler	EA	047-3087	$79.86
50306-K	Oven probe, 2" with clip, 44" flex stainless steel cable	Ovens, hot cabinets, freezer/cooler	EA	047-3010	$83.29
Surface					
50316-K	⅛" blunt tip, 4" shaft, 48" coiled cable	Motors, compressors, immersion capable	EA	047-3990	$101.03
50318-K	Ceramic tip, 4" shaft, 48" coiled cable	High temp flat or uneven surfaces	EA	047-3076	$109.31
50319-K	Ceramic tip, right angle, 5" OAL, 48" coiled cable	High temp flat or uneven surfaces	EA	047-3993	$121.93
50012-K	Flat, 45 degree, bell, 4.5" OAL	High temp flat surface, grills	EA	047-3068	$109.34
50069-K	Moving surface, bow, 10" OAL, 36" straight flex cable replaceable sensor	Moving surfaces, rollers, belts	EA	047-3031	$359.39
50010-K	Flat-taper surface, 1" layered thermocouple sensor	Food packs, cartons	EA	047-3500	$109.86
Miscellaneous					
50701-K	Combo probe, 36" shaft	Food combos, large kettles, vats, compost	EA	047-3701	$209.34
49136-K	Bendable tip, 7" shaft	Air, liquid, fast response	EA	047-3067	$127.46
50200-K	Cooking vat with clip, 8" shaft	Liquids, tankers, cooked products	EA	047-3072	$83.26
50208-K	Fry vat probe, 13" shaft	Liquids, tankers, cook vats, fryers	EA	047-3008	$112.18
49140-K	High temperature probe, 24" shaft	Hot liquids, air	EA	047-3995	$239.14
50143-24K	Duraneedle™, 24" shaft, 36" flex armor cable	Liquids, semi-solid foods	EA	047-3994	$128.32
55032-N	Duraneedle™ for 351/352, 4" shaft, NSF	Liquids, semi-solid foods	EA	047-3032	$108.72
4005MK	Pipe clamp surface	Pipe temperatures	EA	047-3004	$115.73
For T-type Thermocouples					
49136-T	Bendable wire, 8" shaft	Liquids, fast response	EA	047-3136	$127.46
50012-T	Bell surface, 4.5" OAL	Flat surfaces	EA	047-3012	$134.95
50332-T	Hand-held air, 4" shaft	Refrigerators, freezers, vents	EA	047-3332	$107.55
50335-T	Duraneedle™, 4" shaft	Liquids, semi-solids	EA	047-3335	$72.72
50335-10T	Duraneedle™, 10" shaft	Liquids, semi-solids	EA	047-3081	$78.52
50427-T	Reduced needle, 12" shaft	Liquids, semi-solids	EA	047-3084	$225.46

Call Customer Service at 800-826-8302

THERMOCOUPLE & INFRARED THERMOMETERS

Testo 110 Digital Thermometer

Be ready for demanding temperature measurement applications and rough conditions with the Testo 110. It provides accurate and affordable measurements for food testing areas including refrigerated storage rooms, freezers/coolers, storage cabinets, and general outdoor uses. Operating temperatures -58° to 530°F ± 0.1°F. Minimum and maximum values are shown on a clear 2-line, backlit display for easy reading. User adjustable audible alarm-limits aid in temperature control. Hold feature automatically recognizes full-scale value. Optional TopSafe protective case ensures water, impact and dirt/dust protection. Values can be printed on-site with optional Testo printer. The 110 can easily be upgraded with optional wireless temperature probe. 1-year warranty. Order probes separately.

Mfg Part #	Description	Unit	Stock#	PRICE
05601108	110 Instrument, multi-pin probe connection	EA	659-1106	$122.43
Accessories				
06131212	Penetration probe, s/s shaft, plastic handle	EA	659-1211	$78.63
06132211	Penetration probe, s/s shaft, stainless steel handle	EA	659-3211	$119.44
4005201901	NIST certificate, order with thermocouple & probe	EA	659-3999	$102.00

Testo 925 Type K Thermocouple Thermometer

Provides maximum versatility in food processing application with both corded and optional wireless probes. Operating temperatures: -20° to 50°C. Backlit display and hold feature. User-adjustable audible alarm sounds if set min/max limits are exceeded. Measurements as well as min/max values with time/date can be printed on-site with optional Testo printer. Optional wireless probe for monitoring of cheese and other storage. Optional TopSafe case protects unit from water, dirt, and impact. 9-volt battery power. 1-year warranty. Order probes separately.

Mfg. Part #	Description	Unit	Stock#	PRICE
05609250	925 Type K Thermocouple thermometer	EA	659-3560	$109.49
Accessories				
06021293	Penetration probe, type K, plastic handle	EA	659-3293	$47.78
06022292	Penetration probe, type K, stainless steel handle	EA	659-3292	$86.60
06280026	Quick response needle penetration probe, type K, small profile s/s handle	EA	659-3026	$125.42
06022693	Quick response needle penetration probe, type K, ergonomic plastic handle	EA	659-3693	$133.38
05160221	TopSafe case	EA	659-3021	$38.69
4005201901	NIST certificate, order with thermocouple & probe	EA	659-3999	$102.00

COOPER ATKINS® Gun-Style Infrared Thermometers

Using an infrared thermometer is the safest way to measure surface temperatures of hot, hard to reach, electrically energized, or moving objects. To verify HVAC distribution, check for overheated wires, radiant heat in floors, motors, insulation, pipes, breakers, and corroded connections. These are excellent tools for reading ceiling duct temperatures from the floor without a ladder! Features include amber back-light LCD display and auto shut-off. Operates on 2 AAA batteries (included). Resolution: 0.1°. Accuracy: ±2% or ±4°F/2°C, whichever is greater. 1-year warranty.

Model	Temp. Range	Distance to Spot Ratio	Unit	Stock#	PRICE
422	-76°C to 932°F/ -60°C to 500°C	12:1	EA	047-3422	$107.34
424	-76°C to 1600°F/ -60°C to 900°C	35:1	EA	047-3424	$291.74

COOPER-ATKINS® DualTemp2™ Infrared Thermometer with Platinum RTD

Infrared instrument with platinum RTD probe for surface and internal temperature readings. Features auto shut-off, low battery indicator, data hold, maximum temperature memory, and HACCP indicators. Includes storage pouch. Accuracy: ± 1° to 65°C, 1.5% for readings over 65°C. Resolution: 0.1°C. 1-year warranty.

Model	Temp. Range	Distance to Spot Ratio	Unit	Stock#	PRICE
481	-40° to 536°F, -40° to 280°C	3:1	EA	047-3019	$195.68

Prices subject to change.

Thermco® Waterproof Infrared and Probe Thermometer

This dual thermometer, which measures temperature by non-contact infrared and contact probe method, is the #1 food industry waterproof infrared thermometer!

Product features include:

- Dimensions: 22 x 38 x 160 mm.
- Probe flips out. 100 mm length.
- Work temp: 0°C to +50°C, Storage temp: -20°C to +50°C.
- Repeatability: ±1/0°c or 1%.
- Response time: Approx. 0.5 seconds.
- Display of current, highest or lowest temperature during the measurement.
- HACCP-LED indicates HI/LO-Level for food.
- Waterproof IP 65.
- MAX-MIN-HOLD-LOCK function.
- °C/°F switchable.
- LED spot size indicator.
- Clip for fixing, bag and calibration certificate included.

Model	Temp. Range	Unit	Stock#	PRICE
DO413IR	-33°C to 220°C (infra-red), -55°C to 220°C (insertion probe)	EA	511-3413	$214.61

COOPER-ATKINS® DualTemp Infrared Thermometer and Probe

Infrared instrument with probe for surface and internal temperature readings. Accuracy: ± 2°C or 2% of readings. Resolution: 0.1°C. 1-year warranty.

Model	Temp. Range	Distance to Spot Ratio	Unit	Stock#	PRICE
480	-27° to 428°F, -33° to 220°C	1:1	EA	047-3018	$110.17

Professional Grade Non-Contact Infrared Thermometers

Measure product and equipment temperatures quickly, safely, and accurately without direct contact. Ideal for fast-moving product lines, open vats, coolers, or exterior surface of CIP tank or pipes. Accuracy ±2° of reading with .1 resolution.

- Model QT418L1 is the most rugged of the professional grade thermometers and measures the max temp during scan.
- Model QT418LD offers min, max, dif, and avg temps during scan.

Both require 2 AAA batteries (included) to provide up to 130 hours of continuous use. Optional protective case is available.

Model	Range	Unit	Stock#	PRICE
QT418L1	-76° to 932°F (-60° to 500°C)	EA	657-7310	$97.92
QT418LD	-76° to 1157°F (-60° to 625°C)	EA	657-7315	$152.94
Accessories				
Case	Fits both models	EA	657-7309	$13.20
AAA batteries, 4/bx		BX	192-2104	$2.73

Tel-Fast Non-Contact Infrared Thermometer

Get the highest level of accuracy in an infrared thermometer with this professional grade Food Inspector's model. Meets HACCP requirements for accuracy (+/- 1.8°F between 32 and 150°F, higher and lower temps at +/- 1.5°F). Requires 2 AAA batteries (included) and provides up to 180 hours of continuous use.

Model	Range	Unit	Stock#	PRICE
QTFI40L	-67 to 536°F, -55 to 280°C	EA	657-7320	$108.93
Accessories				
AAA batteries, 4/bx		BX	192-2104	$2.73

COOPER-ATKINS® Mini Infrared Thermometer

This pocket-sized design is very compact and includes lanyard to wear around your neck. Accuracy: ± 2°C or 2% of readings. Resolution: 0.1°C. 1-year warranty.

Model	Temp. Range	Distance to Spot Ratio	Unit	Stock#	PRICE
470	-30° to 220°C	1:1	EA	047-3017	$60.88

Call Customer Service at 800-826-8302

INFRARED THERMOMETERS

Infrared Fluke Food Pro Plus Thermometer & Probe

Designed specifically for all food applications with the HACCP temperature danger zone indication with clear safe/unsafe LED warnings. Green LED means safe and red LED warns temperature is potentially unsafe. Unit comes complete with integral penetration probe to verify unsafe readings with accurate core temperature checks. Monitor cooking, cooling and food holding times with the countdown timer.

Other features:
- LED target illumination.
- IP54-rated case.
- NSF Certified.
- Audible alarm signal.
- Backlit display.
- Auto switch off.
- Includes carrying pouch.

Mfg Part #	Temp. Range	Unit	Stock#	PRICE
C818FS	-40° to 390°F	EA	706-3818	$156.00

DATA LOGGERS

HiTemp140-2 Data Loggers

Rugged, waterproof, high-precision, temperature logger that is built for use in harsh environments, which enables it to be used for a multitude of different applications; such as autoclaves. These data loggers can indefinitely withstand temperatures of -40 up to 140°C, and have an accuracy of ±0.1°C.

Other Features:
- Autoclave chamber mapping.
- Refrigerator/freezer monitoring and mapping.
- Continuous oven monitoring.
- Resolution: 0.01°C.
- Calibrated Accuracy: ±0.1°C (+20 to 140°C), =/-0.3°C (-20°C to 19.99°C).
- Memory: 32,700 readings.
- Material: 316SS.
- Probe: 2".
- Measurement: total 68 mm (2.6") x 25 mm (1").
- Submersible.
- NIST traceable.
- Programmable start and stop times.
- Battery life indicator.
- Simple set up and installation.
- Minimal long-term maintenance.

NOTE: Must purchase Data Logger Software (#243-3001) to complete the package; which is the software, USB cable, and cradle. #243-3003 comes with a NIST Certificate; calibration points are 30°C & 140°C.

Description	Unit	Stock#	PRICE
-40 to 140°C, 2 inch probe, 68 x 25 mm	EA	243-3000	$498.98
-40 to 140°C, 2 inch probe, comes with an NIST certificate at 30°C and 140°C	EA	243-3003	$558.78

HiTemp140 Data Logger Software Package

Using the HiTemp140 software, starting, stopping and downloading is simple and easy. To use, simply place the HiTemp140 data logger on the docking station (cradle), which is included. Using the software, an immediate or delay start can be chosen, as well as the reading rate. Start the data logger, remove it from the docking station and the device is ready to be deployed. Graphical, tabular and summary data is provided for analysis and data can be reviewed in Celsius or Fahrenheit degrees. The data can also be automatically exported to Excel® for further calculations.

Description	Unit	Stock#	PRICE
Software, cradle & USB cable	PK	243-3001	$119.95

Prices subject to change.

MadgeTech Therm-A-Lert Data Logger

The MadgeTech Therm-A-Lert is a temperature monitoring and alarming system, designed specifically for laboratories, warehouses and other environments where temperature monitoring is critical. The system can be used to monitor a single location, or expanded to monitor hundreds of locations over a broad area with the purchase of additional units. Programmable alarms configured to send a message via text message, on-screen alarm and/or via email if an alarm condition is met. The #243-3006 transceiver is required. Software included.

Features:

- 2-year battery life.
- Precision RTD Sensing Element.
- View data in real time.
- NIST Certificate upon request.
- Fast installation.
- Full communication from onePC.

Software features:

- Multiple graph overlay.
- Battery life indicator.
- Digital calibration.
- Copy to Excel®.
- Statistics, Min/Max Data line.
- Summary view.
- Lethality equations (FO, PU).
- 30,000 Readings.
- XP SP3/Vista/Windows 7/Windows 8.

Temperature Range	Unit	Stock#	PRICE
-20 to 80°C	EA	243-3004	$228.99
Accessories			
Transceiver	EA	243-3006	$198.92

MadgeTech Therm-A-Lert P Data Logger

The MadgeTech Therm-A-Lert P Data Logger is a temperature monitoring and alarming system, designed specifically for laboratories, warehouses and other environments where temperature monitoring is critical. The system can be used to monitor a single location or expanded to monitor hundreds of locations over a broad area when you add the wireless loggers and transceivers.

- The Therm-A-Lert P provides real time wireless notification of temperature. The data logger features user programmable alarms that can be configured to send a message via text message, on-screen alarm and/or via e-mail if an alarm condition is out of specification. The standard Therm-A-Lert P includes an RTD probe with a 9 ft. lead wire and a 4.5″ probe sheath.
- The #243-3007 comes with a 60 mL glycol bottle so when it is placed into a chamber the temperature of the glycol is measured rather than the air temperature. This eliminates the issue of a chamber's temperature varying when a door is opened and closed, but rather keeps a consistent temperature of the chamber. Must purchase #243-3006 transceiver. Software included.

Specifications	Unit	Stock#	PRICE
-200 to 260°C	EA	243-3005	$298.99
-200 to 260°C with NIST Certificate @ -10 & 70°C	EA	243-3008	$358.98
Accessories			
Transceiver	EA	243-3006	$198.92

VTMS Digital Data Logger

MadgeTech's VTMS is ideal for the continuous measurement and data logging of temperature sensitive laboratory equipment such as freezers, refrigerators, coolers, and incubators. The system includes an NIST traceable RFTCTemp2000A data logger with thermocouple and Glycol bottle. The convenient LCD ensures the temperature parameters are met in real time. Starting, stopping, and downloading from the device are all performed wirelessly using the #243-3006 wireless transceiver. The current reading, minimum, maximum, and average statistics can all be obtained through the display. The software capabilities will alert user, or other personnel via e-mail or text message if your equipment has failed or if the temperatures fall out of range. Included is the new MadgeTech 4.90 Windows®-based software. Compatible with Windows® XP/Vista®/Windows® 7, 8, and 10. Battery life is typically 3 years at a 1 minute reading rate.

Specifications	Stock#	PRICE
-20 to 60°C	243-3012	$398.84

Call Customer Service at 800-826-8302

DATA LOGGERS & HYGRO BUTTONS

Thermotrack Thermo Button Temperature Logger

Thermo Buttons are the smallest temperature loggers in the world at 17 mm in diameter! Monitor and record your temperatures in incubators, coolers, refrigerators, freezers, transportation, or whenever temperature control is needed. These small, rugged buttons can survive harsh environments and are resistant to dust and water. Collected data are stored with date and time in the protected memory. Programmable low and high alarm threshold with temperature parameters.

Choose the Thermo Button that fits the temperature range and customize for your needs. For coolers, refrigerators, incubators, and transportation the PVC card (#250-3600) is suggested. Should you have several buttons, additional button readers are suggested. Choose your software package below, which will include the USB cord and reader to upload and download your information.

Description	Accuracy	Sample Rate	Unit	Stock#	PRICE
-40 to 85°C	± 1°C	1 minute to 255 minutes	EA	250-3100	$34.11
-40 to 85°C	± 0.5°C	1 second to 273 hours	EA	250-3105	$65.28
0 to 125°C	± 0.5°C	1 second to 273 hours	EA	250-3200	$120.74

Accessories

Thermo Button Waterproof Capsule			EA	250-3205	$65.60
Thermo Button Reader and USB Cord			EA	250-3110	$48.28
Nelson-Jameson PVC Card			EA	250-3600	$6.82

Thermotrack Hygro Button Data Logger

The ideal tool for monitoring your temperature and humidity, especially in coolers. Programmable high and low alarm thresholds with parameters for temperature and humidity. Software is needed to complete your data logger system.

Description	Accuracy	Humidity Accuracy	Sample Rate	Unit	Stock#	PRICE
Humidity & Temperature Data Logger, -20 to 85°C	± 0.5°C	± 5%	1 sec to 273 hour	EA	250-3300	$153.27

Thermotrack PC Software

Use to mission your Thermo Buttons to set the sample rate, clock, alarm thresholds, and associate a Thermo or Hygro Button with a product, piece of equipment, lot #, or vehicle. To use, just plug the reader into the USB connection on your PC and place the button on the reader. Download data or remission the button. Graph and temperature list are automatically displayed and at a glance you can see high and low temperatures, as well as the alarm list. Comes complete with reader and USB cord.

Other Features:
- Relaunch your Thermo or Hygro Button.
- Automatically print the graph when reading the button.
- Save the graph as a PDF by email.
- Automatically save the result on the database.
- Archive your data on the server.
- Create folders and sub-folders for your archives.
- Compatible with only Windows systems.
- Export the report to Excel® or export to a 3rd party software (LIMS, ERP, etc.).
- Online support when needed.
- Create mission profiles to mission your buttons quickly.
- Security with a password.
- CFR21 part 11 compliant.
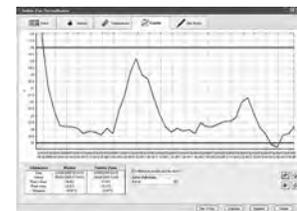
Description	Accommodates	Unit	Stock#	PRICE
Solo software	1 Thermo Button	EA	250-3400	$97.33
Cinco software	Up to 5 Thermo Buttons	EA	250-3500	$297.33
PC PRO	For unlimited Thermo Button software	EA	250-3800	$325.45

Prices subject to change.

DATA LOGGERS/TEMPERATURE & HUMIDITY

Thermco® Extended Range Temperature Data Logger

The HITemp 135°C Temperature Data Logger is a rugged, submersible, battery-powered, stand alone device which can be used to automatically record temperatures between -40° and 135°C. This is the perfect replacement for Maximum-Registering Thermometers where mercury is no longer acceptable. This all-in-one compact, portable, easy to use device is able to measure and record up to 32,767 temperature measurements. The 2″ rigid probe has a fast response time to ensure accurate temperature readings and is ideal for harsh environments, such as autoclave verification. Its real time clock ensures that all the data is time and date stamped. The storage medium is non-volatile solid state memory, providing maximum data security even if the battery becomes discharged. The device can be started or stopped directly from your computer and its small size allows it to fit almost anywhere. The HITemp 135°C makes data retrieval quick and easy. Simply plug the device into an empty COM or USB port and our user-friendly software does the rest. NIST traceable certificate included.

Specifications:
- Sensor: 100 O Platinum RTD calibration: digital calibration through software.
- Temp Range: -40° to 135°C calibration date: automatically recorded within device.
- Temp Resolution: ±0.5°C.
- Time Accuracy: ±1 minute/month at 20°C (RS232 cable not in use).
- Computer Interface: PC serial: 2,400 baud.
- Software: All Windows applications compatible only.
- Dimensions (Body): 1.1″ x 1.75″.
- Dimensions (Probe): 2.0″ x 3/16″.
- Material: 316 stainless steel.

Description	Unit	Stock#	PRICE
HITemp 135 Data Logger	EA	511-3135	$525.46
Software, USB Cable & Cradle	EA	511-3200	$134.91

USB Temperature Data Logger

The SP125 features high speed USB connectivity, high/low LED alarm and replaceable battery. Self-contained and compact logger with internal sensor for recording air temperature. User-friendly, Windows®-based A016 software makes it simple to integrate recorded temperature and humidity data into documents and spreadsheets. Software and interface cable (A016) is needed to communicate with this product and is sold separately.

- Temperature range: -10° to 176°F.
- Accuracy: ±1.2°F (± 0.7°C).

Mfg Part #	Description	Unit	Stock#	PRICE
SP125	Pro Series logger	EA	237-2011	$107.46
A016	Software and interface cable	EA	237-2013	$83.17

PicoLite USB Data Logger

Meets the challenge of combining low cost with reliability for data logging of cold chain products. The compact and easy-to-use Pico-Lite USB Data Logger provides a simple solution for temperature monitoring. Compliance CE, EN12830, IP67. DataSuite software included.

Features:
- Built-in temperature sensor.
- Automatically creates and emails PDF data report when logger is connected to PC.
- Direct USB interface for PC communication.
- 16,000 sample memory.
- Software-enabled activation button.
- Bi-color LED for logging and immediate alarm indication.
- Six-month battery life.
- Water and dust resistant.

Range	Accuracy	Dimensions	Unit	Stock#	PRICE
-40°C to 40°C	0.5°C	74mm x 30mm x 13mm	EA	511-3616	$32.65

Thermco® Micro-Therm USB Data Logger

Small, rugged, waterproof, and dustproof with an LCD display and built-in USB 2.0 connector. Provides easy monitoring and recording of temperatures in your freezer, refrigerator, incubator, or anywhere a recorded temperature is needed. Features a three digit LCD display, direct USB connection, wide temperature range, high accuracy, and large 8K or 32K sampling memory. Includes analysis functionality such as statistic minimum, maximum and average, enabling a quick glance summary of the environment, and historical analysis. Data can be displayed on the small screen or downloaded to PC via the USB connector. Comes with the software. NIST Traceable Certificate with a temperature point of your choice is available at an additional charge.

Features:
- High Sampling Rate of 1 per second.
- Rapid data download to graph, table view or Excel® spreadsheet.
- High accuracy sensors.

Size	Range	Unit	Stock#	PRICE
4.3″ L x 1″ W	-40° to 80°C/ -40° to 176°F	EA	511-3615	$107.67

Call Customer Service at 800-826-8302

DATA LOGGER/TEMPERATURE & HUMIDITY

Testo 174T Mini Temperature Data Logger

Compact data logger ideal for monitoring temperature measurements in refrigerators, freezers, cold rooms, and display cases. Secure data protection even with drained battery. Large memory, splashpoof IP65 rating, internal NTC (negative temperature coefficient) sensor for high accuracy. User selectable 1 min to 24 hr. measuring cycle. Battery life up to 500 days. Operating temperature & measuring range: -22° to 258°F/-30° to 70°C. Accuracy ± 0.5°C. Resolution: 0.1°C. Software operating system Windows® XP®, Vista®, Win7®. Free software download at www.testo.com, or order optional Testo ComSoft Basic V5 software CD for data management via USB interface. ISO 9001 certified, FDA compliant materials. Wall bracket, two CR2032 lithium batteries and Certificate of Conformance included. Optional NIST certificate available.

Mfg Part #	Description	Unit	Stock#	PRICE
05721560	174T Mini data logger	EA	659-3150	$60.71
05720561	174T Starter kit, includes USB interface	KT	659-3561	$136.37
Accessories				
05720500	USB interface	EA	659-3500	$119.66
05150028	CR2032 Battery	EA	659-3028	$7.25
4005201901	NIST Certificate, 3-points	EA	659-3999	$102.00

Testo 174H Mini Temperature/Humidity Data Logger

Reliable humidity and temperature monitoring for indoor climate conditions in warehouses, production and process areas, even confined spaces. Capacitive humidity sensor with proven long-term stability. Displays both current temperature or humidity values. IP20 protection class. Secure data protection, large memory, alarms easily viewed on display. Operating and measuring range 0 to 100% RH, -4° to 158°F/-20° to 70°C. Battery life up to one year. Software operating system: Windows® HP, Vista®, Win7®. Free software download at www.testo.com, or order optional Testo ComSoft Basic CD for data management. ISO 9001 certified. Wall bracket, two CR2032 lithium batteries and Certificate of Conformance included. Optional NIST certficate available.

Mfg Part #	Description	Unit	Stock#	PRICE
05726560	174H Mini data logger	EA	659-3174	$98.53
05720566	174H Starter kit, includes USB interface	KT	659-3566	$174.19
05720500	USB interface	EA	659-3500	$119.66
05150028	CR2032 battery, 1 ea	EA	659-3028	$7.25
4005201901	NIST Certificate, 3-points	EA	659-3999	$102.00

Extech® Humidity & Temperature Data Logger

Compact, powerful and easy to use, the model 42270 data-logger delivers accurate monitoring of temperature and humidity in food production areas and other applications.
Features:
- Use in storage crates, shipping vans, freezers, cook chambers, refrigerators, shipping crates, warehouses, and more.
- Logs data for days, weeks or months - up to 1 year battery life.
- Multiple Dataloggers (42270) can be programmed and data downloaded from one single docking station.
- Programmable sampling rate from 1 sec to 2 hours plus Hi/Lo limits with alarm indication.
- View humidity and temperature on LCD display.
- Three start methods: scheduled, immediate or magnetic.
- Real time clock stores date & time with data.
- Wide operating range - Humidity: 0 to 100% RH, Temperature: -40 to 185°F (-40 to 85°C).
- Accuracy for humidity: ±3% RH.
- Accuracy for temperature: ±1°F (-4 to 122°F), ±2°F (-40 + -4°F, 122°F to 185°F).
- Model 42275 - Temperature and Humidity Datalogger Kit includes software and docking station.
NOTE: Order model 42270 (Datalogger Module only) as a replacement unit or as an addition to the kit. The datalogger by itself cannot function without the software and docking station.

Mfg Part #	Description	Unit	Stock#	PRICE
42275	Temperature/Humidity Datalogger Kit w/ docking station & PC software	KT	&28-3275	179.98
42270	Data logger only	EA	228-3270	$109.98

Prices subject to change.

HYGROMETERS & WALL THERMOMETERS

COOPER-ATKINS® Mini Temperature/Humidity Instrument

Digital, compact instrument with dual LCD display and min/max memory feature. Temperature range: -10°to 50°C, accuracy: 1.0°C, resolution: 0.1°C. Humidity range: 10 to 99% relative humidity (RH), accuracy: ± 5% from 25 to 95% RH, resolution: 1% RH. 1-year warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
TRH122M	Mini temp/RH instrument	EA	047-3027	$67.42

COOPER-ATKINS® Wall Thermometer/Hygrometer

Oversized wall thermometer allows for easy monitoring of temperatures. Special colored-zone units for HACCP reference. Developed for use in critical food related cooler applications. Range 10° to 80°F, 0 to 100% relative humidity. Case diameter: 12″. Includes attached wall bracket. 1-year warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
212-159-8	Cooler wall thermometer	EA	047-3029	$44.60

Jumbo Wall Thermometers

Ideal for coolers, warehouses, storage areas or processing rooms. Weather-proofed for indoor/outdoor use. -60° to 120°F dial with 2° divisions. Plastic lens.

Dial Size	Unit	Stock#	PRICE
12" dia	EA	450-2112	$12.59
18" dia	EA	450-2118	$42.84

INDOOR/OUTDOOR THERMOMETERS

Extech® Big Digit Indoor/Outdoor Thermometer

Large LCD display conveniently shows both indoor and outdoor temperatures from -58° to 158°F. Complete with internal and 9.6 ft outdoor temperature sensor, built-in stand, AAA battery and wall mounting.

Mfg Part #	Description	Unit	Stock#	PRICE
401014	Indoor/Outdoor Thermometer	EA	228-3418	$26.99

For all your temperature monitoring needs - we have you covered. The next several pages cover 8igital, ; lass, Drobe PMO 7ompliant, 7ertified, and 6i-A etal Hhefmometers. Don't see what you need? Call us at 800-826-8302

Call Customer Service at 800-826-8302

DIGITAL THERMOMETERS

Thermco® Thermojack Flip Thermometer

Get incredible accuracy with this economical, flip, pocket-sized, digital thermometer. +/- 0.5°C accuracy at -20° to 150°C, +/- 1.0°C at -40° to -21°C and 151° to 250°C. Convertible from Celsius to Fahrenheit. Readings of -40° to 250°C/-40° to 482°F. 2.5″ flip probe. Splash-proof IP65. Convenient pocket size of 4.5″ length. Comes with an NIST traceable certificate.

Range	Accuracy	Unit	Stock#	PRICE
-40 to 250°C	+/- 0.5°C	EA	511-3501	$48.00

Thermco® Thermojack Pro Thermometers

Thermocouple, fold-out thermometer that has extreme accuracy to +/-0.2° when measuring -30°C to 150°C, remaining ranges are +/-0.5°C accurate. The 4.25″ probe is waterproof (IP65), which makes it ideal for high humidity areas. C/F° switchable. Resolution is 0.1°C with a 4 second response time in water.

- 511-3601 comes with an NIST Traceable Certificate.
- 511-3602 comes with an NIST Certificate of Accuracy, which the customer chooses on temperature for certification.

Specifications	Unit	Stock#	PRICE
-50 to +350°F/-58 to 177°C	EA	511-3601	$75.65
-50 to +350°F/-58 to 177°C & customer chooses 1 temperature for certification	EA	511-3602	$126.65

Testo Folding Thermometers

Simply unfold and measure. Testo folding thermometers offer important advantages to suit your food application for both core temperature and spot check measurements. HACCP compliant and certified to EN 13485. Optional NIST certificate available. Two-year warranty included.
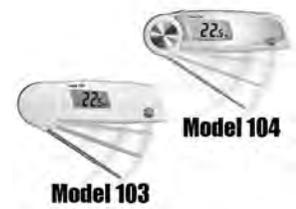
Model 103 Features:
- Compact-only 4.5 inches long.
- Narrow prove tip for optimum measuring flexibility.
- Auto shut-off.
- ABS housing is easy to keep clean.
- IP55 rated.
- Selectable unit of measure - °F or °C.
- Measuring range -22° to 428°F (-30° to 220°F).
- Resolution: 0.1°C/0.1°F.
- Accuracy: ±0.9°F (±0.5°C) from -22°F to 212°F (-30°C to 99.9°C); ±1% of the measurement over 212°F (100°C).

Model 104 Features:
- Waterproof - IP65 rated.
- Compact-only 6.4 inches long.
- Super rugged design, built for extreme use.
- Large, backlit display.
- Rubberized backing for safety and security.
- Auto-Hold and Min/Max storage.
- Auto final value recognition.
- Color-coded adhesive tabs for easy identification.
- Selectable unit of measure - °F, °C or °R.
- Measuring range -58° to 482°F (-50° to 250°C).
- Resolution: 0.1°C/°F/°R.
- Accuracy: ±1.8°F (±1.0°C) from -58°F to -22°F (-50°C to -30°C); ±9°F (±0.5°C) from -22°F to 212°F (-30°C to 99.9°C); ±1& of the measurement over 212°F (100°C).

Model	Unit	Stock#	PRICE
103	EA	659-3103	$55.74
104	EA	659-3104	$97.54

Thermco® Flip Probe Digital Pocket Thermometer

A digital pocket thermometer that is reasonably priced yet offers all the important characteristics of more expensive models. Plastic casing. Includes NIST traceable certificate.

Features:
- 5-1/8″ probe.
- Probe folds in & out for on & off switch.
- Data hold/test function.
- 1 second temperature sensing time.
- Minimum/maximum memory.
- C/F switchable.
- Resolution: 0.1°
- Accuracy: ± 1.00.

Temp. Range	Unit	Stock#	PRICE
-58° to 302°F, -50° to 150°C	EA	511-3500	$26.03

Prices subject to change.

Hanna® HI98509 Checktemp® 1 Digital Thermometer

A high-accuracy thermometer with a 1 m (3.3') flexible, silicone cable connecting the meter and the stainless steel probe. The sharp-tip penetration probe easily lances semi-solid products such as fruits, vegetables, and cheeses. This probe can also handle liquid, air and measurements in frozen materials. The probe incorporates an NTC thermistor sensor to measure the temperature.

Thermistors make it possible to obtain extremely high accuracy in a very short period of time. The Hanna CAL Check™ feature has been incorporated into the Checktemp 1 for reliable and accurate measurements. CAL Check automatically runs a self-check upon startup and reports status back to the user; 0 for okay and ERR if something is wrong. Checktemp 1 makes routine controls fast and simple for both incoming and outgoing goods. Constructed of AISI 316 stainless steel material, this probe is in compliance with food regulations, making it an ideal instrument for measuring temperature according to HACCP requirements. 1-year warranty.

Range	Resolution	Accuracy	Probe	Battery Type	Unit	Stock#	PRICE
-50.0 to 150.0°C, -58.0 to 302.0°F	0.1°C, 0.1°F	±0.3°C (-20.0 to 90°C); ±0.5°F (-4 to 194°F)	Stainless steel probe (3.8 x 0.14" dia) w/ 3.3' silicone cable	3 x 1.5V AAA	EA	296-3509	$39.00

Hanna® HI98501 Checktemp® Digital Thermometer

A digital thermometer with stainless steel penetration probe. It delivers high-accuracy temperature measurements over a wide temperature range without worrying about breakage or condensation. The Checktemp offers NO breakage, NO waste, NO injuries, and NO difficulty in reading; the digital display prevents a parallax error (observing the wrong measurement due to the angle of view) and is optimized for a wide range of environmental temperatures. Checktemp is provided with Hanna's unique CAL Check™ function for accurate measurements every time. The Checktemp implements a CAL Check upon startup and reports the status as 0 or Err. The sharp-tip probe of the Checktemp easily penetrates semi-solid products making routine temperature checks simple and quick for both incoming and outgoing goods. Checktemp is the ideal instrument for measuring temperature according to HACCP requirements. 1-year warranty.

Range	Resolution	Accuracy	Probe	Battery Type	Unit	Stock#	PRICE
-50.0 to 150.0°C, -58.0 to 302.0°F	0.1°C, 0.1°F (58 to 199.9°F), 1°F (other ranges)	±0.3°C (-20.0 to 90°C); ±0.5°F (-4 to 194°F)	Fixed, stainless steel probe; 106 x ø 3.6 mm (penetration)	3VCR2032 Li-ion Battery	EA	296-3501	$37.00

COOPER-ATKINS® Coolit-Rite™ Cooling Monitor

The FDA Model Food Code requires potentially hazardous food be cooled from 135° to 41°F or lower in less than six hours (provided that it is cooled from 135° to 70°F within the first two hours) after cooking or hot holding. Meeting those requirements is easier with this convenient cooling monitor. The Coolit-Rite timer tracks elapsed time while it monitors the temperature of the food being cooled. Timer counts up when the temperature drops below 41°F (or time expires), and displays final temperature. Waterproof and NSF rated. Includes an adjustable vessel clip. Accurate for Life, guaranteed.

Mfg Part #	Description	Unit	Stock#	PRICE
TTM41	15" Stem, 0.1 degree resolution	EA	047-3026	$54.42

Call Customer Service at 800-826-8302

DIGITAL THERMOMETERS

POCKET THERMOMETERS

Thermco® Long Stem Laboratory Digital Thermometer

- 8″ Stainless steel probe with protective sheath.
- Comes with an NIST traceable certificate.

Range	Unit	Stock#	PRICE
-50° to 150°C & -58° to 302°F x 0.1°C & F	EA	511-3108	$24.72

Thermco® T-Handle Digital Thermometer

- T-shaped head for easy reading.
- 5″ Stainless steel probe with protective sheath.
- Comes with an NIST traceable certificate.

Range	Unit	Stock#	PRICE
-50° to 150° C & -58° to 302°F x 0.1°C & F	EA	511-3320	$22.92

Thermco® Deluxe T-Handle Waterproof 180° Rotating Head Digital Thermometer

- Thermometer head rotates 180° for easy viewing.
- Waterproof.
- 5″ Stainless steel probe.
- Comes with an NIST traceable certificate.

Range	Unit	Stock#	PRICE
-50° to 150°C & -58° to 302°F x 0.1°C & F	EA	511-3340	$26.52

Thermco® Pocket Dial Digital

- 1-1/2″ dial.
- 5″ Stainless steel probe with protective sheath.
- Comes with an NIST traceable certificate.

Range	Unit	Stock#	PRICE
-50° to 150°C & -58° to 302°F x 0.1°C & F	EA	511-3300	$19.00

Digital Pocket Thermometer

Offers the easy-reading convenience of digital display with one-tenth degree resolution. Runs on 1.5V button battery (#AB13), which is included and replaceable. Updates temperature at 10 second intervals so thermometer can be removed from test area and read before ambient temperature affects display. Push "fast update" button to display changes in 1 second intervals for applications requiring continuous observation. ±2° accuracy. Plastic lens. Stainless steel 5″ L x .15″ diameter spike stem. Plastic carrying case. NSF approved.

Range	Unit	Stock#	PRICE
-58° to 300°F/-50° to 150°C	EA	706-2500	$17.18
Battery, 1.5V, 2/pk	PK	706-7000	$5.84

Thermco® Deluxe Waterproof Pocket Digital

- Waterproof.
- 3.5″ Stainless steel probe.
- Sheath used as an extension to the thermometer.
- Comes with an NIST traceable certificate.

Range	Unit	Stock#	PRICE
-50°C to 150°C & -58° to 302° F x 0.1°C & F	EA	511-3600	$22.92

Prices subject to change.

DIGITAL & DIAL POCKET THERMOMETERS

COOPER-ATKINS® Digital Pocket Test Thermometer

Digital pen-style thermometer for general temperature use. Stainless steel 2-3/4″ stem with reduced tip for quick response time of less than 6-seconds. Min/max/hold modes, waterproof, anti-microbial. Range -40° to 200°C. Accurate for Life, lifetime guarantee. NSF.

Mfg Part #	Description	Unit	Stock#	PRICE
DPP400W	Pen-style thermometer	EA	047-3991	$26.17

Pen Style Digital Pocket Thermometer

Convenient pen-style thermometer stands up to the constant use common in food plants. Water resistant, it operates accurately in damp, wet or humid environments. LCD display is large and easy-to-read. Data hold and continuous update feature. On/off button and automatic power off function. Accuracy ±2°F/±1°C. 3″ stem. Uses 1.5V button battery (#AB13), which is included and replaceable.

Range	Unit	Stock#	PRICE
-58° to 300°F/ -50° to 150°C	EA	706-2300	$21.59

Thermco® Shock & Waterproof Digital Thermometer

Features:
- Min/max memory.
- Head 1-3/4″.
- Waterproof and shockproof.
- C/F switchable.
- Hold test function.
- 5″ stainless steel stem with probe cover.
- Comes with an NIST traceable certificate.

Range	Accuracy	Unit	Stock#	PRICE
-50/300°C (-58/572°F)	±1.0°C	EA	511-3400	$23.41

COOPER-ATKINS® Digital Pocket Test with Alarm

Stainless steel 5″ stem with reduced tip for response time of less than 6 seconds. Min/max/hold modes. Range: -40° to 232°C ± 0.1°C. Visual alarm with blinking display once set temp is reached. Also stores the max temp reached. Accurate for life, lifetime guarantee. NSF.

Mfg Part #	Description	Unit	Stock#	PRICE
DFP450W	Pocket test with alarm	EA	047-3025	$34.28

Pocket Thermometers

Premium quality, American-made pocket thermometer preferred by dairy and food personnel for spot checking. Stainless steel construction. 1″ dial printed with large, black numbers—easy-to-read from any angle. Polycarbonate lens. Includes plastic carrying case with pen clip. 5″ L x 0.15″ diameter spike stem. Accuracy: ±1% of scale. External recalibration.

Range	Divisions	Unit	Stock#	PRICE
0° to 220°F	2°	EA	657-2020	$25.07
25° to 125°F	1°	EA	657-2025	$25.07

Economy Pocket Thermometers

If your plant goes through a lot of pocket thermometers...this economical alternative may be what you're looking for. Features include plastic 1″ magnifying dial cover for easy reading, stainless steel construction and plastic carrying case. 5″ L x 0.15″ diameter spike stem. External recalibration. NSF approved. 12/box.

Range	Divisions	Unit	Stock#	PRICE
0° to 220°F	2°	EA	706-2320	$4.49
-40° to 160°F	2°	EA	706-2360	$4.49

Call Customer Service at 800-826-8302

BI-METALTHERMOMETERS

COOPER-ATKINS® Bi-Metal Pocket Thermometer

Pocket test 1″ dial thermometer is field calibratable. Stainless steel 5″ stem. Range: 0 to 220°F. Accuracy: ± 2°F. Meets NSF regulatory requirements for food contact surfaces. Red protective sheath included. 1-year warranty. Not for laboratory use.

Mfg Part #	Description	Unit	Stock#	PRICE
1246-02	Bi-metal pocket thermometer	EA	047-3030	$8.11

Food Testing Skewer Thermometers

Determine meat and other food temperature with these extremely accurate bimetal testing thermometers. Stainless steel spiked stem easily penetrates most products. Easy to recalibrate. Accuracy ±1% of scale. 1-3/4″ dial with polycarbonate lens. 0.15″ diameter stem. NSF certified. Available in two lengths. Plastic carrying case with pen clip is optional.

Stem	Range	Unit	Stock#	PRICE
5″	0° to 220°F	EA	657-2038	$35.28
8″	0° to 220°F	EA	657-2039	$35.65
Plastic case for 5″ stem	-	EA	657-2042	$2.78
Plastic case for 8″ stem	-	EA	657-2043	$3.20

Nelson-Jameson Bi-Metal Thermometers

Rugged, workhorse thermometers that are popular throughout the food and dairy industry. They're designed to withstand tough treatment and difficult environments, yet provide superb accuracy and reliability. Standard features include:

- Sanitary type 304 stainless steel construction; designed to meet rigid sanitation standards.
- Plexiglass lens; eliminates danger of broken glass in food processing areas.
- Accurate, bimetal element; removes the hazards associated with mercury filled thermometers.
- Silicone damping; minimizes pointer vibration and improves heat transfer for quick response.
- Hermetically-sealed case; sealed at the factory to prevent rust, leaks and contamination.
- Overrange protection; extends 50% beyond range.
- External recalibration device; makes it easy to maintain accurate readings.

Accurate to ±1% of scale, Nelson-Jameson thermometers provide a cost-effective way to monitor temperature of lines, tanks, vats or equipment. Threaded 1/2″ NPT connection with .25″ diameter stem to fit standard wells. Easy-to-read dials are available in three sizes and two ranges. Stem lengths from 2-1/2″ up to 24″. Graduations are 1° increments on 25° to 125°F dials; 2° increments on 0° to 220°F dials. Plexiglass lens is suitable for room temperature up to 150°F. For greatest accuracy, stem should be inserted at least 2″ into liquids. Stem length is measured from tip of stem to top of thread.

Bi-Metal Thermometers - 2″ Dial

Stem Length	Range	Unit	Stock#	PRICE
0° to 220°F Range				
4″	0° to 220°F	EA	563-2124	$55.98
6″	0° to 220°F	EA	563-2126	$55.98
9″	0° to 220°F	EA	563-2129	$55.98
12″	0° to 220°F	EA	563-2132	$62.68
15″	0° to 220°F	EA	563-2135	$68.51
18″	0° to 220°F	EA	563-2138	$74.34
24″	0° to 220°F	EA	563-2144	$86.00
25° to 125°F Range				
9″	25° to 125°F	EA	563-2130	$55.98
12″	25° to 125°F	EA	563-2133	$65.08
15″	25° to 125°F	EA	563-2136	$68.51

Bi-Metal Thermometers - 3″ Dial

Stem Length	Range	Unit	Stock#	PRICE
0° to 220°F Range				
2½″	0° to 220°F	EA	563-2025	$63.03
4″	0° to 220°F	EA	563-2027	$63.03
6″	0° to 220°F	EA	563-2030	$63.03
9″	0° to 220°F	EA	563-2032	$63.03
12″	0° to 220°F	EA	563-2050	$72.30
15″	0° to 220°F	EA	563-2035	$80.24
18″	0° to 220°F	EA	563-2037	$88.20
24″	0° to 220°F	EA	563-2040	$102.76
36″	0° to 220°F	EA	563-2043	$131.89
25° to 125°F Range				
2½″	25° to 125°F	EA	563-7003	$63.03
4″	25° to 125°F	EA	563-2028	$63.03
6″	25° to 125°F	EA	563-2031	$63.03
9″	25° to 125°F	EA	563-2033	$63.03
12″	25° to 125°F	EA	563-2045	$72.30
15″	25° to 125°F	EA	563-2034	$80.24
18″	25° to 125°F	EA	563-2036	$88.20
24″	25° to 125°F	EA	563-2041	$102.76

Bi-Metal Thermometers - 5″ Dial

Stem Length	Range	Unit	Stock#	PRICE
0° to 220°F Range				
4″	0° to 220°F	EA	563-2225	$94.70
6″	0° to 220°F	EA	563-2226	$94.74
9″	0° to 220°F	EA	563-2229	$94.70
12″	0° to 220°F	EA	563-2232	$104.01
15″	0° to 220°F	EA	563-2235	$111.78
18″	0° to 220°F	EA	563-2238	$119.90
24″	0° to 220°F	EA	563-2244	$134.46
25° to 125°F Range				
6″	25° to 125°F	EA	563-7001	$94.74
9″	25° to 125°F	EA	563-2230	$94.74
12″	25° to 125°F	EA	563-2233	$104.01
15″	25° to 125°F	EA	563-2236	$111.78
18″	25° to 125°F	EA	563-7009	$119.90
24″	25° to 125°F	EA	563-7000	$134.46

Prices subject to change.

BI-METAL THERMOMETERS & ACCESSORIES

Check-Set Thermometer Calibrator

Check-set Thermometer Calibrators provide accurate, safe, convenient, and cost effective calibration for process thermometers. Ideal for plant quality assurance, process control, and HACCP compliance. Ice baths and boiling water calibration are a thing of the past with this simple temperature reference device. Units feature multi hole wells for multiple thermometers.

Set Point	Diameter	Unit	Stock#	PRICE
Cold/Hot set point at 40, 150, 161, and 175°F	.187, .250, and .375	EA	563-7040	$1,494.01
140°F	.150	EA	563-7042	$693.26
140°F	.125, .187, .250, .375	EA	563-7043	$793.01
Hot set point at 160°F	.150	EA	563-7044	$693.26
Hot set point at 160°F	.125, .187, .250, .375	EA	563-7045	$793.01
Hot set point at 212°F multi	.150	EA	563-7046	$693.26
Hot set point at 212°F	.125, .187, .250, .375	EA	563-7047	$793.01
Cold set point at 40°F	.375	EA	563-7048	$892.76
Cold set point at 40°F	.500	EA	563-7049	$892.76
Cold set point at 40°	.750	EA	563-7050	$892.76
Cold set point at 40°	.187, .250, .375	EA	563-7051	$892.76
40°F	.125, .150, .187	EA	563-7052	$892.76
Hot set points at 40 and 160°F	.375	EA	563-7053	$1,092.26
Hot set points at 40 and 160°F	.500	EA	563-7054	$1,092.26
Hot set points at 40 and 160°F	.187, .250, .375	EA	563-7055	$1,092.26
Hot set points at 40 and 160°F		EA	563-7056	$1,092.26
Hot set points at 40 and 160°F		EA	563-7057	$1,092.26
Hot set points at 40, 150, 161, and 175°F		EA	563-7063	$1,493.26
Hot set points at 40, 150, 161, and 175°F		EA	563-7064	$1,493.26
Hot set points at 40, 150, 161, 175°F		EA	563-7065	$1,493.26
Hot set points at 40, 150, 161, 175°F		EA	563-7066	$1,493.26

Testing Thermometers

These accurate bimetal thermometers are perfect for general purpose dairy and food plant testing. They come complete with adjustable clamp for tank and tray mounting. Stainless steel stem can be inserted directly into vats, vessels or trays. Ideal in the laboratory. Dial printed with large black numbers for ease of reading from any angle. Polycarbonate lens. External recalibration. Stem diameter 0.15″. Available with 2″ or 3″ dials.

Stem	Range	Divisions	Unit	Stock#	PRICE
2″ Dial					
8″	0° to 220°F	2°	EA	657-2220	$39.07
8″	25° to 125°F	1°	EA	657-2225	$39.07
12″	0° to 220°F	2°	EA	657-2240	$43.73
12″	25° to 125°F	1°	EA	657-2245	$43.73
18″	0° to 220°F	2°	EA	657-2260	$57.72
18″	25° to 125°F	1°	EA	657-2265	$57.72
3″ Dial - Dual Scale					
8″	0° to 220°F/ -10° to 100°C	2°	EA	657-2280	$39.95
8″	25° to 125°F/ 0° to 50°C	1°	EA	657-2285	$39.95

Dial Thermometer and Float

Accurate stainless steel dial thermometer that screws directly into stainless steel float. Combination makes an exceptionally reliable, easy-to-read, moisture-proof floating thermometer. Impossible to tip over. Bobs right through agitators in cheese vats. Thermometer features hermetically sealed case, silicone damped bimetal element, plexiglass lens, 50% overrange protection, and sealed external recalibration screw. Range is 0° to 220°F with 2° divisions. Accuracy ±1% of scale. 9″ stem. 5/16″ - 24″ fine thread connection. Thermometer and float sold separately.

Description	Unit	Stock#	PRICE
Thermometer	EA	563-2015	$75.13
Float	EA	450-2025	$61.76

Adjustable Thermometer Clamps

An inexpensive way to keep the thermometer where you want it. Slip clamp onto thermometer stem; clip it on your tank, tray or beaker. Valuable aid in the laboratory. Available for two stem diameters.

Fits	Unit	Stock#	PRICE
0.15" dia	EA	657-2090	$2.78
0.25" dia	EA	657-2092	$2.78

Call Customer Service at 800-826-8302

CERTIFIED REFERENCE THERMOMETER

Thermco® High Precision Pt100 Platinum Digital Certified Thermometer

High precision RTD digital thermometer can be used as a Laboratory Temperature Standard, for the verification and calibration of laboratory instruments and routinely used thermometers. Use for calibrating liquid-in-glass, digital and dial bi-metal thermometers; as well as laboratory instruments such as freezer, refrigerators, incubators, and ovens. It is traceable to NIST standards and is certified to your specified 2 point temperatures. This is the perfect calibration thermometer when mercury is no longer desired or acceptable.

Advantages of this thermometer:
- NIST Certified proving traceability.
- Customer chooses 2 temperatures for certification on the 511-3370.
- 511-3388 Certified at -20, 0, 4, 25, 37, 56, 95, 121°C.
- Includes insertion probe.
- Pt100 Platinum according to EN 60751.
- Accuracy ± 0.2°C -30° to 110°C/1.4° to 230°F.
- Resolution: 0.1°C & F.
- Thermometer convertible C or F.
- Records minimum, maximum, & average temperatures.
- Temperature hold function.
- Waterproof.
- Backlight.
- Display: 7 segment LCD.
- Dimensions: 6"L x 2-1/2"W x 1-1/4"D.

Range	Unit	Stock#	PRICE
-100° to 300°C & -140° to 570°F	EA	511-3370	$484.05
-100° to 300°C & -140° to 570°F	EA	511-3388	$485.68

Thermco® Digital Pasteurization Thermometers

PMO Compliant

This universally applicable process-controlled instrument is ideal for measuring operations in which high accuracy is imperative or the possibility of online documentation via PC is desired. This handheld Pt100 platinum high precision digital thermometer meets the specifications in the Grade "A" Pasteurized Milk Ordinance (PMO) Pasteurization Equipment and Controls, Digital Test Thermometers.

Advantages of this ultra-high precision thermometer are:
- Thermometers are certified at 5 critical temperatures: 32°, 145°, 161.6°, 180° & 191°F or 0°, 63°, 72°, 83° & 89°C.
- Recording maximum, minimum, hold and average values (average over user selectable time).
- Password protection for calibration function.
- Resolution 0.01°C/F.
- High measuring accuracy ±0.01 for shorter ranges.
- ±0.03 Accuracy to 199.9°C, which exceeds the ±0.05° PMO requirement.
- Thermometer and probe are serialized to document compatibility.
- The self-diagnostic circuitry identifies that the correct probe is attached to the correct thermometer. Without a correct connection, the display alerts the user that no temperature can be displayed.
- Dimensions: 8"L x 3.5"W x 1.5"D (203 x 89 x 38 mm).

Range	Description	Unit	Stock#	PRICE
-328° to 1500°F	PMO Thermometer F° w/ 6" probe	EA	511-3655	$1,134.47
-328° to 1500°F	PMO Thermometer F° w/ 12" probe	EA	511-3650	$1,203.87
-200° to 850°C	PMO Thermometer C° w/ 6" probe	EA	511-3785	$1,134.47
-200° to 850°C	PMO Thermometer C° w/ 12" probe	EA	511-3780	$1,203.87
	Service Case for PMO Thermometer and all accessories	EA	511-3007	$105.28

Glass Thermometer Information

Please call Nelson-Jameson for all of your temperature monitoring needs! We have many other specialty thermometers available that are not shown. Just call us with your requirements and we will be more than happy to fulfill your requests.

Helpful hints regarding thermometers:
- Never store a spirit-filled thermometer horizontally. It should always be stored upright.
- To reunite an organic-filled thermometer, hold in an upright position gingerly tapping the stem above the separation. As you gently tap the thermometer, observe the liquid above the separation until it breaks away from the wall of the capillary and runs down to join the main column.
- To reunite a mercury-filled thermometer, contact Nelson-Jameson for instructions.
- Certified thermometers must be re-certified yearly. Call Nelson-Jameson to request this service.
- If you break a mercury-filled thermometer, use a mercury spill kit (#010-3336) for safe cleanup.
- When using mercury thermometers a procedure must be used for the proper collection, transportation, and processing of the product at the end of its life.
- Be aware of the mercury regulations within your state.

Prices subject to change.

Thermco Spirit-Filled Certified Dairy Thermometers

These reference thermometers are used in verification and certification procedures to comply with regulatory agencies or be used where extremely critical temperature readings are necessary. Each thermometer is certified against NIST standards and a certificate is supplied with any correction factors to the nearest tenth of a scale division if necessary.

- Thermometers certified against NIST standards and are traceable to NIST.
- Certified at several critical temperature points.
- Supplied with certificate with correction factors.
- Each thermometer is coated with fluoro-polymer material.
- Each thermometer is individually serialized.
- Includes felt-lined storage case.
- Red Kerosene thermometer filled liquid.

Model	Range	Divisions	Immersion	Length	Certified Temperatures	Unit	Stock#	PRICE
ACC1005SSCFC	-1° to 101°C	0.1°C	3″	24″	0°,7.2°,32°,72°C	EA	511-3005	$269.70
ACC6113XSSCFC	-20° to 110°C	0.5°C	3″	12″	-15°,0°,50°,100°C	EA	511-3113	$247.25
ACC6103XXSSCFC	0° to 230°F	0.5°F	3″	15″	32°,45°,90°,161°F	EA	511-3163	$248.89
ACC6133XXSSCFC	-20° to 150°C	0.5°C	3″	12″	0°,121°C	EA	511-3133	$247.25
ACC6103XXSFC	0° to 230°F	0.5°F	3″	15″	32°,45°,161°F	EA	511-3000	$193.55

Thermco® Factory Certified Laboratory Thermometers

These reference thermometers are supplied with a NIST traceable certificate of accuracy and a plush-lined, black leatherette protective case. Factory certified at -15°, 0°, 50° and 100°C. Serial number provided. Required immersion: 76 mm. Length: 12″. Note: some of these thermometers contain mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering.

Range	Divisions	Teflon Coated	Unit	Stock#	PRICE
Mercury-Filled					
-20° to 110°C	0.5°C	Yes	EA	449-3066	$247.25
-20° to 110°C	0.5°C	No	EA	449-3068	$247.25
Spirit-Filled					
-20° to 110°C	0.5°C	Yes	EA	511-3113	$247.25
-20° to 110°C	0.5°C	No	EA	511-3068	$247.25

Thermco® Factory Certified Milk Testing Thermometers

This is a reference thermometer supplied with NIST traceable certificate of accuracy giving correction at 161°F and validating readings of 45° and 90°F. Yellow backing with black etching. Partial immersion: 76 mm. Note: some of these thermometers contain mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering.

Range	Divisions	Length	Teflon Coated	Unit	Stock#	PRICE
Mercury-Filled						
0° to 230°F	0.5°F	15″	No	EA	511-3105	$39.79
30° to 214°F	0.2°F	24″	No	EA	511-3043	$119.86
Spirit-Filled						
0° to 230°F	0.5°F	16″	Yes	EA	511-3610	$182.12

Call Customer Service at 800-826-8302

GLASS THERMOMETERS

Thermco® General Purpose Laboratory Thermometers

Short length total immersion thermometer. 6 to 7 mm stem diameter. Length: 5-1/2″.

Range	Divisions	Unit	Stock#	PRICE
Spirit-Filled				
-20° to 105°C	1°C	EA	511-3535	$16.53

Thermco® Teflon® Coated Thermometers

These thermometers are completely sealed in inert, transparent Teflon which cushions glass, prevents shattering, and safeguards against contamination. Retains glass and liquid in case of breakage. Precision grade, with a white back and filled with red organic liquid. 76 mm immersion. Length: 12″.

Range	Divisions	Unit	Stock#	PRICE
-20° to 110°C	1°C	EA	220-3340	$27.67
-20° to 150°C	1°C	EA	220-3341	$27.67
0° to 230°F	2°F	EA	220-3342	$27.67
0° to 300°F	2°F	EA	220-3343	$27.67

Thermco High Precision Spirit-Filled 5″ Laboratory Thermometers

These 5″ total immersion laboratory thermometers are used for general laboratory procedures. Each thermometer meets the NIST tolerances of accuracy and are individually serialized for calibration procedures. All markings are permanent and are red spirit-filled with a white background with wide bore tubing for easy reading.

Range	Divisions	Immersion	Length	Unit	Stock#	PRICE
-30° to 120°F	2.0°F	Total	5″	EA	511-3532	$16.53
0° to 220°F	2.0°F	Total	5″	EA	511-3534	$16.53
-35° to 50°C	1.0°C	Total	5″	EA	511-3533	$16.53
-20° to 110°C	1.0°C	Total	5″	EA	511-3535	$16.53

Thermco® Glass Pocket Thermometers

Indispensible tool for many food-processing personnel. Etched stem is easy-to-read. Choose from mercury or red liquid-filled, and Fahrenheit or Celsius. With or without protective case. Length: 5-3/4″.

Range	Divisions	Unit	Stock#	PRICE
Red Liquid-Filled, With Case				
-30° to 50°C	1°C	EA	449-3031	$14.25
-10° to 110°C	1°C	EA	449-3013	$14.25
-30° to 120°F	2°F	EA	449-3014	$14.25
0° to 220°F	2°F	EA	449-3032	$14.25

Thermco® Dual Scale Laboratory Thermometers

Partial immersion etched stem thermometer has both Fahrenheit and Celsius scales. Yellow back. Nitrogen above mercury. Topped with suspension ring. 76 mm immersion. 6 to 7 mm stem diameter. Length: 12″. Choose from mercury or spirit-filled. Note: some of these thermometers contain mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering.

Range	Divisions	Unit	Stock#	PRICE
Spirit-Filled				
-20° to 150°C/0° to 300°F	1°C/2°F	EA	195-3150	$14.65

Thermco Thermometers are manufactured with the finest glass made under ISO 2001 guidelines.

Prices subject to change.

Thermco® Coliform Incubator Thermometers

Arrows mark critical temperature points of 35°, 37° and 44.5°C on these Coliform incubator thermometers. Features also include mercury-in-glass construction and are individually serialized. Meets NIST tolerances for accuracy. 76 mm immersion.

Range	Divisions	Length	Teflon Coated	Unit	Stock#	PRICE
Spirit-Filled						
34° to 46°C	0.1°C	237 mm	Yes	EA	511-3713	$68.44
34° to 46°C	0.1°C	237 mm	No	EA	511-3004	$61.07

Thermco® Incubator/Water Bath Thermometers

Incubator thermometer with engraved stem and yellow back. Has red mark at 37°C and is calibrated for 100 mm immersion. Zero point is 4-1/2″ from bottom of bulb. Length: 10″.

Range	Divisions	Unit	Stock#	PRICE
Spirit-Filled				
0° to 80°C	1°C	EA	511-3641	$30.30

Thermco® Autoclave Thermometers

Maximum registering, mercury-in-glass thermometers are housed in open-faced metal armor. Critical temperature, 120°C, is marked with an arrow. Meets NIST tolerances for accuracy. Teflon® coated. #195-3024 is factory certified at 121°C. Replacement thermometer is not factory certified. Note: this product contains mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering.

Range	Divisions	Immersion	Length	Unit	Stock#	PRICE
80° to 135°C	0.5°C	Total	200 mm	EA	195-3014	$56.16
80° to 135°C	0.5°C	Total	200 mm	EA	195-3024	$169.96
Replacement Thermometer						
80° to 135°C	0.5°C	Total	200 mm	EA	195-3015	$49.61

Thermco® Maximum-Registering Thermometers

Ideal where temperatures cannot be continuously observed. Like a fever thermometer, this unit indicates the highest temperature reached and must be shaken down before being used again. Mercury-filled. Calibrated for total immersion. Includes protective case. Length: 5-1/2″. Note: this product contains mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering.

Range	Divisions	Unit	Stock#	PRICE
100° to 300°F	2°F	EA	237-3010	$50.44
200° to 500°F	5°F	EA	195-3548	$56.98

Call Customer Service at 800-826-8302

GLASS THERMOMETERS

Thermco® Maximum-Registering Thermometers

Use where it is impossible or impractical to immediately read a thermometer that has been subjected to a certain temperature. Calibrated to read correctly after returning to room temperature. Mercury-filled. Available in either Celsius or Fahrenheit. Supplied with protective case. Length: 5-1/2″. Note: this product contains mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering.

Range	Divisions	Unit	Stock#	PRICE
Celsius Range				
-20° to 150°C	1.0°C	EA	449-3023	$50.59
0° to 200°C	2.0°C	EA	449-3021	$50.44
0° to 260°C	2.0°C	EA	449-3026	$56.98
Fahrenheit Range				
30° to 220°F	2.0°F	EA	449-3027	$45.84
40° to 300°F	2.0°F	EA	449-3006	$45.84
30° to 400°F	5.0°F	EA	449-3007	$45.84

Thermco® Hot Air Sterilization Thermometers

Mercury or spirit-filled sterilization monitoring thermometers. Individually serialized. Precise measurements with 0.5°C division accuracy. Meets NIST tolerances for accuracy. #195-3020 and #511-3006 are factory certified at 0° and 121°C.

Range	Divisions	Immersion	Length	Teflon Coated	Unit	Stock#	PRICE
Spirit-Filled							
-10° to 220°C	0.5°C	Total	375 mm	No	EA	511-3003	$26.68
-20° to 150°C	0.5°C	76 mm	300 mm	Yes	EA	511-3006	$247.25

Thermco® General Lab Thermometers

These mercury or spirit-in-glass general thermometers are ideal for any general dairy lab procedure. Individually serialized. Meets NIST tolerances for accuracy.

Range	Divisions	Immersion	Length	Teflon Coated	Unit	Stock#	PRICE
Spirit-Filled							
-20° to 110°C	0.5°C	76 mm	305 mm	Yes	EA	511-3613	$42.92
-20° to 110°C	0.5°C	76 mm	305 mm	No	EA	195-3997	$32.43

Prices subject to change.

Thermco Blue Spirit-Filled "Accu-Safe" Thermometers

Thermco blue spirit-filled "ACCU-SAFE" thermometers are filled with an environmentally safe liquid and dye which eliminate the hazards of mercury in case of breakage. Each thermometer is individually serialized and a certificate is supplied to its accuracy. The thermometers are permanently marked and have a blue liquid against a white background for easy reading.

- Non-toxic liquid.
- Blue liquid, white background for easy reading.
- Certificate of Accuracy included with each thermometer.
- Permanent scales.
- Several ranges and divisions to choose from.

Range	Divisions	Immersion	Length	Unit	Stock#	PRICE
-20° to 110°C	1.0°C	3"	12"	EA	511-3103	$7.36
-20° to 150°C	1.0°C	3"	12"	EA	511-3503	$7.36
-10° to 260°C	1.0°C	3"	12"	EA	511-3603	$11.46
0° to 230°F	2.0°F	3"	12"	EA	511-3203	$7.53
-1° to 101°C	0.2°C	3"	18"	EA	511-3053	$68.61
-1° to 201°C	0.5°C	3"	18"	EA	511-3153	$76.14
0 to 230°F	2.0°F	Total	12"	EA	511-3230	$7.53
-10° to 50°C	0.5°C	Total	12"	EA	511-3050	$26.68

SCIENCEWARE® Mercury Collector

Collect small quantities of spilled mercury quickly and safely with a product ideal for labs and industrial workstations. Constructed of unbreakable polyethylene. Holds 125 mL of mercury. 4.125" diameter x 1.9" high.

Unit	Stock#	PRICE
EA	010-3336	$29.88

Thermometer Cases

Plush-lined leatherette case with snap close holds one thermometer.

Thermometer Length	Unit	Stock#	PRICE
12"	EA	449-3912	$24.56
18"	EA	449-3918	$29.31

Scienceware® Thermometer Rack

Sturdy rack holds 25 thermometers in a vertical 5 x 5 arrangement. Top and middle decks have 7.9 mm diameter holes; bottom deck holes are only 3.2 mm in diameter. End plates have handles for easy carrying. 5-7/8"L x 8-3/8"W x 9-7/8"H. Autoclavable.

Unit	Stock#	PRICE
EA	010-3981	$50.94

Call Customer Service at 800-826-8302

BOTTLE THERMOMETERS

Thermco® Spirit-Filled Certified Bottled Thermometers

Thermco environmental chamber thermometers are ideal to monitor the critical temperatures in freezers, refrigerators, incubators, block heaters and ovens. Each thermometer is housed in a plastic bottle with an insulating fluid allowing the correct temperatures to be read after the instrument door has been opened. Each thermometer is certified and traceable to NIST and a certificate is provided to prove traceability. The 0.1°C thermometers are housed in a 60 mL bottle, the 0.5° C are housed in a 30 mL bottle and the block heater thermometers are housed in 1.5 mL micro-centrifuge tube.

- Spirit-Filled.
- NIST certified with certificate.
- Individually serialized.
- Coated with fluoro-polymer resin for safety.
- Housed in unbreakable bottle with insulating liquid.
- Thermometers in 0.1°C, 0.5°C and 1.0°C divisions.
- Each bottle has magnets for wall or door mounting.

Chamber	Range	Divisions	Immersion	Teflon Coated	Height	Insulating Liquid	Unit	Stock#	PRICE
Refrigerator	-2° to 10°C	0.1°C	Total	Yes	240 mm	50% Ethylene glycol	EA	511-3002	$62.71
Refrigerator	-5° to 15°C	0.5°C	Total	No	125 mm	50% Ethylene glycol	EA	195-3031	$36.18
Refrigerator	-5° to 15°C	0.5°C	Total	Yes	125 mm	50% Ethylene glycol	EA	195-3034	$39.78
Incubator	25° to 45°C	0.1°C	Total	Yes	190 mm	50% Ethylene glycol	EA	511-3310	$45.84
Incubator	18° to 50°C	0.5°C	Total	No	135 mm	50% Ethylene glycol	EA	195-3032	$36.18
Incubator	18° to 50°C	0.5°C	Total	Yes	135 mm	50% Ethylene glycol	EA	195-3035	$39.78
Incubator	-30° to 110°C	0.5°C	Total	Yes	160 mm	50% Ethylene glycol	EA	195-3099	$45.89
Freezer	-30° to 0°C	0.5°C	Total	Yes	125 mm	50% Ethylene glycol	EA	195-3033	$39.78
Freezer	-30° to 0°C	0.5°C	Total	No	155 mm	50% Ethylene glycol	EA	195-3030	$36.18
Oven	20° to 130°C	0.1°C	Total	Yes	135 mm	Sand	EA	511-3070	$45.84
Block heater	18° to 60°C	0.5°C	1.5"	No	125 mm	1 mL Mineral oil	EA	511-3301	$45.84
Block heater	50° to 110°C	0.5°C	1.5"	No	165 mm	1 mL Mineral oil	EA	511-3040	$45.84
Ultra Low Freezer	-90° to 20°C	1.0°C	Total	Yes	145 mm	Sand	EA	195-3012	$55.35

Thermco® Mercury Thermometers

Available in ranges to monitor critical termperatures for freezers, refrigerators and incubators. Mounted in liquid-filled square, shatter-proof plastic bottles with double magnets so they can be affixed to walls or doors of instruments. Certificate of accuracy is supplied with each thermometer, making its indications traceable to NIST. Total immersion. 0.5°C divisions. #195-3025 thermometer only. Note: these thermometers contain mercury. Please check with appropriate regulatory authorities concerning use restrictions prior to ordering. Accuracy: ±0.5°C.

Range	Application	Length	Teflon Coated	Unit	Stock#	PRICE
-30° to 0°C	Freezer	115 mm	Yes	EA	373-3006	$45.03
-5° to 15°C	Refrigerator	125 mm	Yes	EA	373-3007	$45.03
18° to 50°C	Incubator	135 mm	Yes	EA	373-3008	$45.03
40° to 90°C	Incubator	135 mm	Yes	EA	195-3005	$45.52

Prices subject to change.

VTMS Digital Data Logger

MadgeTech's VTMS is ideal for the continuous measurement and data logging of temperature sensitive laboratory equipment such as freezers, refrigerators, coolers, and incubators. Accuracy: ±0.1°C. The system includes an NIST traceable RFTCTemp2000A data logger with thermocouple and Glycol bottle. The convenient LCD ensures the temperature parameters are met in real time. Starting, stopping, and downloading from the device are all performed wirelessly using the #243-3006 wireless transceiver. The current reading, minimum, maximum, and average statistics can all be obtained through the display. The software capabilities will alert user, or other personnel via e-mail or text message if your equipment has failed or if the temperatures fall out of range. Included is the new MadgeTech 4.90 Windows®-based software. Compatible with Windows® XP/Vista®/Windows® 7, 8, and 10. Battery life is typically 3 years at a 1 minute reading rate.

Specifications	Unit	Stock#	PRICE
-20 to 60°C	EA	243-3012	$398.84

Thermco® Triple Display Bottle Thermometers

These NIST traceable digital thermometers have non-toxic, non-hazardous liquid mediums in the plastic bottles (30mL D-Limonene).
- Triple temperature display: current, minimum & maximum temperatures.
- Each thermometer individually serialized.
- Certificate provided with one critical temperature certified.
- C and F switchable.
- Accuracy ±0.5°C, resolution 0.1°C & °F.
- Double magnets on bottles and thermometers.
- Audible alarm for min/max temperatures.
- 9-foot sensor cable included.

(#511-3898 comes with sand-filled bottle that holds the probe in place.)

Mfg. Part #	Range	Certified Temperature	Application	Unit	Stock#	PRICE
ACC895FRE	-50° to 70°C	-20.0°C	Freezers	EA	511-3895	$45.03
ACC895BEF	-50° to 70°C	+4.0°C	Refrigerators	EA	511-3896	$45.03
ACC895INC	-50° to 70°C	+37.0°C	Incubators	EA	511-3897	$45.03
ACC895WB	-50° to 70°C	+37.0°C	Water baths	EA	511-3898	$45.03

Thermco® Digital Bottle Thermometers

Digital, NIST certified thermometers. Dual temperature with probe in plastic bottle containing insulating liquid.

Features:
- Min/Max temperature memory.
- Audible min/max alarm settings.
- 4-foot sensor cable (dry bath model has 3-foot).
- Choose between Celsius and Fahrenheit.
- Accuracies up to ±0.5°C.
- Resolution: 0.1°C.
- Powered by one AAA battery (included).
- Dry bath model has stainless steel probe for quick response time.

Range	Application	Unit	Stock#	PRICE
-58° to 158°F / -50° to 70°C	Freezer	EA	195-3803	$42.89
-58° to 158°F / -50° to 70°C	Refrigerator	EA	195-3804	$42.89
-58° to 158°F / -50° to 70°C	Incubator	EA	195-3805	$42.89
-58° to 392°F / -50° to 200°C	Dry bath	EA	195-3850	$42.89

Call Customer Service at 800-826-8302

THERMOMETERS

Surface Thermometers

Use to check and calibrate hot plates. Place on oven door and sides of oven to determine heat loss. May also be used on many other surfaces. Consists of a cover glass, a calibrated dial and indicator, and a magnetic base containing a bimetallic thermal sensing element. Reaches sensing stability within three minutes. ±2° accuracy. 2″ diameter x 1/2″H.

Range	Unit	Stock#	PRICE
-20° to 65°C	EA	449-3999	$49.12
-20° to 120°C	EA	449-3033	$49.61
10° to 400°C	EA	449-3018	$49.61
0° to 250°F	EA	449-3034	$49.61
50° to 750°F	EA	449-3019	$49.61

Refrigerator/Freezer Dial Thermometer

Helps to avoid spoilage. Zones indicate correct temperature range for food storage or freezing. Thermometer can either hang from a shelf or stand on it. Plastic crystal.

Mfg Part #	Range	Divisions	Unit	Stock#	PRICE
ERF1K	-30° to 30°C/-20° to 80°F	1°C/2°F	EA	657-2045	$4.04

EQUIPMENT TEMPERATURE MONITORING

KT8P3 Remote Sensing Temperature Recorder

acked with features, this easy-to-use portable features large 8″ chart, digital display, and for more flexibility there is a K-Thermocouple probe. User-selectable temperature ranges and recording times make this unit user-friendly.

- Features audio/visual alarms, compact rugged enclosure and 9V battery backup.
- Temperature accuracy (recorder only): +/- 1.8°F(+/-1°C).
- Power: 120V AC adapter with 4 AA batteries for back-up power.

Charts sold separately.

Model	Description	Wt	Unit	Stock#	PRICE
KT8P3	Recorder	4.9	EA	237-1070	$513.81

KT6P Remote Sensing Temperature Recorders

Flexible and affordable, the KT6P series recorders provide user selectable recording times, 8 temperature ranges, replacement sensors, and AC power with 9V batter back-up. The free standing or wall mounted instrument is accurate to +/-1.8°F from -22 to 122°F, 3.8°F remaining (+/-1°C from -30 to 50°C, 2.1°C remaining). Standard accessories include AC adapter, red pen, 9V battery, K-Thermocouple Probe, and 4′ bead-wire probe. 6″ charts sold separately.

Model	Description	Unit	Stock#	PRICE
KT6P1	Recorder	EA	237-1075	$333.21
KT6P2	Recorder w/ digital display	EA	237-1076	$423.51
KT6P5	Recorder w/ digital display, alarm, & relay contact	EA	237-1077	$540.90

Prices subject to change.

SL4 TempTrace Temperature Recorders

Now °F/°C and 24 hour/7 day are switchable! Use these low cost recorders to monitor temperature in walk-in coolers or in freezers. No special sensing element is needed. Includes LED digital display. Recorder includes pen and AA alkaline battery. ±2% accuracy. Chart size: 4″ diameter (not included). The chart chosen will determine the temperature scale readings. Model SK4 without digital display also available. 60/bx.

Model	Temp. Range	Time	Unit	Stock#	PRICE
SL4350 Recorder					
SL4350	-22° to 122°F, -30° to 50°C	7 day or 24 hour	EA	237-1026	$215.82
SL4350 Charts - 60 charts/box					
C205	-22° to 122°F	24 hour	BX	237-7049	$41.11
C206	-22° to 120°F	7 day	BX	237-7046	$41.11
C180	-30° to 50°C	24 hour	BX	237-7052	$41.11
C181	-30° to 50°C	7 day	BX	237-7032	$41.11
SL4100 Recorder					
SL4100	0° to 100°F,-18° to 32°C	7 day or 24 hour	EA	237-1024	$215.82
SL4100 Charts - 60 charts/box					
C010	0° to 100°F	24 hour	BX	237-1080	$23.49
C012	0° to 100°F	7 day	BX	237-7044	$41.11
C209	-18° to 32°C	24 hour	BX	237-7053	$41.11
C210	-18° to 32°C	7 day	BX	237-7047	$41.11

DART Digital Reference Thermometer

The only digital thermometer available today that complies with the applicable provisions of the Pasteurized Milk Ordinance.

- Precise and accurate temperature indication, digital display reads to 0.1°F.
- Display blanks, providing failsafe performance if the differential between RTD elements exceeds 0.5°F, sensor fails, lead broken, or electrial short.
- Sensors can be easily replaced without the need to recalibrate the instrument or effect on accuracy.
- Degree F/C is user selectable enabling global performance.

Sensor, sold separately, has 2″ clamp, 5-1/2″ insertion, and 25 feet of cable. Other specifications available.

Mfg Part #	Description	Fitting Size	Insertion length	Unit	Stock#	PRICE
FD110	Thermometer			EA	033-7089	$1,907.90
SK00510801	Sensor			EA	033-7071	$516.62
Accessories						
SA110040370105		1½" Clamp	2¾"	EA	033-1580	$215.85
SA110050490105		2" Clamp	3½"	EA	033-1581	$215.85
SA110060490105		2½" Clamp	3½"	EA	033-1582	$241.43
SA110070530105		3" Clamp	3¾"	EA	033-1583	$256.77
SA110621390105		Projectile well	9⅛"	EA	033-7003	$256.77

Anderson "DTG" Digital Temperature Gauge

Eliminate the potentially hazardous and difficult to read mercury in glass thermometers by replacing them with the 3A approved "DTG" Digital Temperature Gauge from Anderson. The DTG complies with the Code of Federal Regulations governing the food industry. Specifically designed for retort applications, each DTG is supplied from the factory pre-calibrated to an NIST traceable temperature standard and is ready to put into service upon receipt. The all electronic battery operated design ensures the DTG meets regulatory requirements by acting as a stand-alone device. For difficult to read areas of the process, a remote mount display is also available. The remote display option allows for placement of the display in a more convenient location.

Process Connection	Mount	Unit	Stock#	PRICE
1½" Sanitary clamp	Bottom	EA	033-1915	$455.24
2" Sanitary clamp	Bottom	EA	033-1920	$455.24
2½" Sanitary clamp	Bottom	EA	033-1925	$480.81
3" Sanitary clamp	Bottom	EA	033-1930	$496.16
9⅛" Projectile well	Back	EA	033-1950	$531.96

Call Customer Service at 800-826-8302

SPECIALITY THERMOMETERS & PSYCHROMETERS

Liquid Filled Dial Thermometers

Provide fast, accurate readings where glass thermometers cannot be used. Popular for vats, holding tanks and other equipment. Big, 5" dial swivels for easy reading. Wrap-around plexiglass lens lets in more light for improved visibility. Direct drive gives extremely reliable performance. Accuracy within one scale division; calibration traceable to NBS. 9" stainless steel stem has .625" diameter, with tapered bulb chamber. 1-1/4"-18" swivel nut connection. Fits standard wells. External recalibration. Non-mercury fill solution.

Range	Divisions	Unit	Stock#	PRICE
0 to 150°F	1°	EA	510-1200	$366.19
0 to 240°F	2°	EA	510-1205	$406.55
Replacement lens		EA	510-1010	$67.57

Adjustable Angle Thermometers

Easy viewing at any angle. Head may be turned 360° and tilted over a full 180° arc. Choose 3" or 5" anti-parallax dial. All-welded stainless steel construction. Hermetically sealed case. Range: 0 to 220°F in 2° divisions. Accurate to +1% through entire range. Easy to recalibrate. Polycarbonate lens. 1/2" NPT threaded connection.

Dial	Stem	Range	Unit	Stock#	PRICE
3"	6"	0° to 220°F	EA	657-2110	$115.33
5"	9"	0° to 220°F	EA	657-2215	$141.09

Sling Psychrometer

No need to use tables or make calculations with this sling psychrometer for humidity monitoring. Spirit-filled thermometer and holder telescopes into swivel handle. Sliding scale converts wet and dry bulb readings into relative humidity. The 20° to 120°F thermometer with 1°F scale divisions are protected by a strong plastic frame with built-in water reservoir to saturate wick. Feature-magnifying front, deeply etched numerals, and thin bulb giving fast thermal response.

Description	Unit	Stock#	PRICE
Sling psychrometer	EA	511-3100	$61.89
Replacement Parts			
Thermometer	EA	511-3104	$27.01
Wicks, 2/pk	PK	220-3203	$13.43

Extech® Foot Candle/Lux Meter

Accurately displays light level in terms of Fc or Lux over three ranges: Fc (0-200, 0-2,000 and 0-5,000 Fc) and Lux (0-2,000, 0-20,000 and 0-50,000 Lux). Select fast (1 second) or slow (2 seconds) response. Analog output of 1mV per count for capturing readings to a recorder. Complete with 9V battery, light sensor with 3.8 foot (1.2m) cable and built-in stand. 1-year warranty.

Mfg Part #	Unit	Stock#	PRICE
401025	EA	228-3025	$162.49

Not finding what you need?
We have more Process Thermometers on page 540.

Or, give us a call and we can help find what you're looking for.

Prices subject to change.

Water Filtration Units

Create a laboratory water system to meet your exact requirements! Barnstead distillation or deionizing systems or a combination can produce water appropriate for a variety of applications: from rinsing glassware to microbiological testing. Produce water free of minerals, organic residues, toxins, sanitizers, and pyrogens—according to your needs and budget.

Deionizing Systems: Combine Barnstead B-pure holders with PCS cartridges to produce a convenient point-of-use system in your laboratory. Add pre-treatment filters to extend the life of PCS cartridges. Final filtration removes bacteria for microbiological testing. Call Nelson-Jameson for assistance in determining your laboratory water needs.

Barnstead Hose Nipple DI Cartridge Systems

An economical way to create a laboratory water system. Ideal for meeting minimal needs or polishing water from a still. Cartridges have hose nipples for easy connection using laboratory tubing. Just add plastic wall-mounted cartridge holder(s). Transparent cartridges allow for visual indication of remaining resin capacity. When the resin changes color, it is time for replacement. Accepts inlet pressures from 5 to 70 psig, but cannot dispense against back pressure. Installation in series not recommended. Virgin polypropylene cartridges are 18.7″ L x 3.4″ diameter with 3/8″ barbed hose fittings on each end. Pre-treatment filter suggested to extend the life of cartridges.

Mfg Part #	Description	Resin Type	Unit	Stock#	PRICE
D8901	High capacity	Two bed	EA	662-3216	$113.60
D8902	Ultrapure	Mixed bed	EA	662-3217	$113.60
D8904	Organic removal	Activated carbon	EA	662-3218	$94.13
D8900	Wall-mount cartridge holder	-	EA	662-3219	$39.98

Barnstead Deionizing Systems B-Pure™ Holders

Mount these single or double units on the wall and produce up to 4 liters of pure water per minute. Add more units to extend your system. They accept most Barnstead full size filters and cartridges. Quick release canister makes cartridge removal easy. All materials in contact with water are of virgin polypropylene or other inert materials to prevent recontamination of the water. Double unit includes built-in ball valve and digital resistivity meter compensated to 25°C. Meter monitors water quality for cartridge changeover; requires 120V AC. Maximum operating pressure: 100 psig. Inlet temperature range: 40° to 120°F. Connections: 1/2″ NPTF. Option: Low-cost purity monitor light available for single unit to signal need to change cartridge. Use with PCS cartridges below.

Mfg Part #	Description	Size	Unit	Stock#	PRICE
D4511	Single B-Pure holder	7"L x 7"D x 24"H	EA	662-3210	$454.55
D4521	Double B-Pure holder	15"L x 7"D x 27"H	EA	662-3211	$2,204.15

Accessories

E3451	PURA®-Lite indicator, 200,000 ohms-cm resistivity		EA	662-3812	$189.00

Barnstead PCS Cartridges

These specialized Barnstead cartridges use the highest quality purifying media. Housed in 100% virgin polypropylene. Dimensions are 17.2″L x 3/4″D. Use with single & double B-pure™ holder. Also compatible with NANO pure™, E-pure™, and B-pure units.

- High capacity cartridge is a two bed configuration designed to produce large quantities of water at a lower purity than the Ultrapure (polishing) resin. (Cap. 1725 grains as NaCl).
- Ultrapure cartridge is the polishing step, consisting of a mixed bed of anion and cation resins. Designed to purify water to 18 megohm-cm. (Cap. 760 grains as NaCl).
- Organic removal cartridge contains activated carbon to remove organics and chlorine found in raw water supplies. Used upstream to protect and extend life of DI resins in other cartridges.
- Combination colloid/organic cartridge removes bacteria and colloids by means of absorption and ion-exchange. Contains macroreticular resin and are placed ahead of DI cartridges to protect resins and maximize efficiency.

Mfg Part #	Description	Resin Type	Unit	Stock#	PRICE
D0803	High capacity	Two bed	EA	662-3212	$117.66
D0809	Ultrapure	Mixed bed	EA	662-3213	$120.90
D0813	Organic removal	Activated carbon	EA	662-3214	$99.00
D0835	Combination colloid/organic	Macroreticular activated carbon	EA	662-3215	$116.04

Call Customer Service at 800-826-8302

WATER PURIFICATION SYSTEMS

LabStrong Fi-Streem™ Water Purification Systems

Of all the water purification systems available, distillation can remove a wider range of impurities than any other single form of water purification. LabStrong Fi-Streem Stills consistently produce high-quality ASTM Type II water and can remove impurities such as inorganic ions, dissolved gases, organics, particles, bacteria and pyrogens from water. They are ideal for general lab applications and are suitable as a Type 1 ultrapure system pretreatment. The stills will meet your water needs while remaining budget-friendly. LabStrong Fi Streem Stills are available in 2S and III models. 2S are the economy version, and are available in 1.4, 2 and 4 liter per hour (LPH) models. III models are the next step up from the 2S and feature several higher level capabilities and are 4, 6 and 4 bi-distilled (double distilled) liter per hour models.

Features: Consistently pure water, safe operation, reliable and effortless to use, highly efficient and economical, simple to clean, space saving design, and easy to install.

Model	LPH	Volts	Amps	Unit	Stock#	PRICE
Fi-Streem III Glass Stills						
A56210-857LS	4	240	13	EA	118-3006	$6,321.99
A56218-857LS	4	208	13	EA	118-3007	$6,321.99
A56220-857LS	8	240	30	EA	118-3008	$8,825.99
A56228-857LS	8	208	30	EA	118-3009	$8,825.99
A56230-857LS	4 Bi-distilled	240	30	EA	118-3010	$8,937.99
A56238-857LS	4 Bi-distilled	208	30	EA	118-3011	$8,937.99
Fi-Streem 2S Glass StillsIII Glass Stills						
A74415-60LS	1.4	120	15	EA	118-3001	$4,251.99
A74415LS	2	120	20	EA	118-3002	$4,251.99
A74410LS	2	220	13	EA	118-3003	$4,251.99
A74420LS	4	240	15	EA	118-3004	$4,433.99
A74428LS	4	208	15	EA	118-3005	$4,433.99

PALL LIFE SCIENCES Maxi Capsule Filter with Vent

Combine the efficiency of a flat membrane filter with the large filtration surface area of a pleated filter with these pleated maxi capsules, with double-layer membranes. Versatile enough to use on reagents, media, enzymes, water, and even air. Provides high volume air or liquid filtration at an economical cost. Vent provides greater flow rates by releasing excess air when liquids are introduced. 1/2" hose barb nipples. 8-1/2" overall. 2.4" diameter. Pre-sterilized. Autoclavable. 0.2 micron diameter pore size.

Mfg Part#	Unit	Stock#	PRICE
12112	EA	155-3284	$221.78

Prices subject to change.

Kimax® Colorware Griffin Low Form Beakers

Color-coding helps reduce cross contamination with these double-capacity scale beakers. Easily identify glassware between labs, work centers and lab technicians. The durable matte finish marking area for use with pencil or marker allows for easy identification. Indicate approximate volumes at various levels. Designed from ASTM Specification E960, Type I requirements. Additional volumes available upon request.

Capacity	Graduations	Subdivisions	Dimensions	Unit	Stock#	PRICE
Blue						
150 mL	20 - 140 mL	20 mL	57 x 79 mm	EA	' 63-3244	3.88
250 mL	25 - 200 mL	25 mL	68 x 88 mm	EA	363-3333	$3.88
Green						
150 mL	20 - 140 mL	20 mL	57 x 79 mm	EA	' 63-3222	3.88
250 mL	25 - 200 mL	25 mL	68 x 88 mm	EA	363-3344	$3.88
Red						
150 mL	20 - 140 mL	20 mL	57 x 79 mm	EA	363-3255	$3.88
250 mL	25 - 200 mL	25 mL	68 x 88 mm	EA	363-3355	$3.88
Yellow						
150 mL	20 - 140 mL	20 mL	57 x 79 mm	EA	' 63-3211	3.88
250 mL	25 - 200 mL	25 mL	68 x 88 mm	EA	363-3322	$3.88

Kimax® 14000 Griffin Beakers

Thick-beaded, slightly-flared top for excellent pouring results. Sturdy glass uniform walls. Easy-to-read white scales. Matte-finished enamel area allows marking with an ordinary pencil.

Capacity	Pkg	Unit	Stock#	PRICE
10 mL (not graduated)	12/pk	PK	363-3043	$52.60
20 mL	12/pk	PK	363-3044	$46.20
30 mL	12/pk	PK	363-3045	$45.88
50 mL	12/pk	EA	156-3046	$3.81
100 mL	12/pk	EA	156-3047	$3.97
150mL	12/pk	EA	156-3048	$3.80
250 mL	12/pk	EA	156-3049	$3.80
400 mL	12/pk	EA	156-3050	$4.60
600 mL	6/pk	EA	156-3051	$5.70
800 mL	6/pk	PK	363-3052	$47.10
1000 mL	6/pk	EA	156-3053	$8.75
1500 mL	4/pk	EA	156-3054	$12.97
2000 mL	4/pk	PK	363-3055	$85.00
4000 mL	1/pk	PK	363-3056	$67.27

Kimax® 14005 Griffin Beakers

Heavy-duty glass beakers with thick, uniform walls. Extra wall thickness built into the evenly tooled top portion. Dual capacity white scale. All sizes have a large marking spot.

Capacity	Unit	Stock#	PRICE
250 mL	EA	156-3064	$7.08
400 mL	EA	%56-3065	9.25
600 mL	EA	156-3066	$10.77
1000 mL	EA	156-3067	$20.56
2000 mL	EA	363-3068	$42.04
4000 mL	EA	' 63-3069	82.10

Pyrex® 1000 Griffin Beakers, Double Scale

The uniform wall thickness offers optimum balance between thermal shock resistance and mechanical strength. 250 through 4000 mL have double graduated metric scale to indicate approximate content. All sizes have an extra large marking spot.

Capacity	Pkg	Unit	Stock#	PRICE
10 mL (not graduated)	12/pk	PK	140-3043	$58.22
20 mL	12/pk	PK	140-3044	$58.69
30 mL	12/pk	PK	140-3045	$51.54
50 mL	12/pk	EA	140-3046	$2.80
150 mL	12/pk	EA	140-3048	$2.67
250 mL	12/pk	EA	140-3049	$2.84
400 mL	12/pk	EA	140-3050	$5.17
600 mL	6/pk	EA	140-3051	$4.21
800 mL	6/pk	PK	140-3052	$57.01
1000 mL	6/pk	EA	140-3053	$12.37
2000 mL	4/pk	EA	140-3058	$26.73
4000 mL	1/pk	EA	140-3056	$83.22

Pyrex® 1003 Griffin Beakers

Heavy-duty beakers designed to offer the best mechanical strength under harsh conditions, such as mechanized washing operations. For convenience the beakers have a double graduated metric scale to indicate their approximate content. All sizes have an extra large marking spot. Maximum temperature 230°C.

Capacity	Pkg	Unit	Stock#	PRICE
250 mL	12/pk	EA	140-3064	$10.92
400 mL	12/pk	EA	140-3065	$14.13
600 mL	6/pk	EA	140-3066	$12.56
1000 mL	6/pk	EA	140-3067	$32.31
2000 mL	4/pk	EA	140-3070	$48.99
4000 mL	1/pk	PK	140-3069	$95.79

Call Customer Service at 800-826-8302

BEAKERS

Pyrex® 1060 Berzelius Beakers

Berzelius beakers feature high walls to hold spattered material during heating or acid digestion and a spout to facilitate pouring. Graduated.

Capacity	Pkg	Unit	Stock#	PRICE
100 mL	12/pk	EA	140-3305	$5.86
300 mL	12/pk	EA	140-3307	$7.09
400 mL	6/pk	EA	140-3308	$7.69
500 mL	6/pk	EA	140-3309	$8.46
1000 mL	6/pk	PK	140-3317	$123.72

Pyrex® 9985 Watch Glass

Excellent covers for heated beakers. Watch glasses are also used to perform evaporations on a hot plate. They protect against injury, contamination, and loss of samples during heating and digestion. Molded for convenient stacking. The heavy wall and uniform fire-polished edge provide mechanical strength. 12/pack.

Size	Unit	Stock#	PRICE
75 mm (3") dia.	PK	140-3290	$44.66
100 mm (4") dia.	PK	140-3291	$69.92
150 mm (6") dia.	PK	140-3293	$134.42

Nalgene® Griffin Low-Form Beakers

These polypropylene beakers are ideal for general laboratory use. Superior chemical resistance. All sizes have easy-to-read silk-screened graduations, size code, resin code, maximum use temperature, "no flame" symbol and ribs for easy stacking. Not for use on hot plate. Meets ISO/DIN 7056 International Standards for Laboratory Plasticware Beakers. Autoclavable/transparent/graduated.

Capacity	Pkg	Unit	Stock#	PRICE
50 mL	12/pk	EA	156-3031	$3.30
100 mL	12/pk	PK	156-3032	$41.39
150 mL	12/pk	EA	156-3033	$5.62
250 mL	6/pk	EA	156-3034	$7.06

Nalgene® Griffin Low-Form Beakers

Polymethylpentene (PMP) beakers offer excellent chemical resistance and heat tolerance, with the transparency of glass. Easy-to-read graduations, maximum use temperature to 175°C, and "no flame" symbol. Not for hot plate usage.

Capacity	Pkg	Unit	Stock#	PRICE
50 mL	12/pk	EA	156-3021	$4.87
100 mL	12/pk	EA	156-3022	$5.91
150 mL	12/pk	EA	156-3023	$7.70
250 mL	6/pk	EA	156-3024	$9.39
600 mL	4/pk	EA	156-3026	$17.20
1000 mL	3/pk	EA	156-3027	$20.84
4000 mL	1/pk	PK	479-3991	$80.42

Scienceware® Graduated Beakers

Griffin low form polypropylene beakers are translucent, chemical resistant, and will stack without sticking together. A no drip spout makes for easy pouring while raised graduations show approximate volume. All sizes are steam autoclavable at 121°C (250°F).

Mfg Part #	Capacity	Pkg	Unit	Stock#	PRICE
F26210	50 mL	12/pk	EA	010-3210	$2.55
F26211	100 mL	12/pk	EA	010-3211	$2.43
F26212	150 mL	12/pk	EA	010-3212	$3.96
F26213	250 mL	12/pk	EA	010-3213	$4.05
F26214	400 mL	6/pk	PK	010-3214	$28.26
F26217	2000 mL	1/pk	EA	010-3217	$15.72

Taper Spout Beakers

Excellent clarity and very good chemical resistance due to molded polypropylene design. These new style beakers are autoclavable and feature raised graduations on the outer surface. They feature tapered spouts for easier pouring of solutions.

Capacity	Pkg	Unit	Stock#	PRICE
25 mL	12/pk	EA	+00-3025	1.11
50 mL	12/pk	EA	700-3050	$1.13
100 mL	12/pk	EA	+00-3101	1.15
250 mL	6/pk	EA	700-3150	$1.94
500 mL	4/pk	EA	700-3500	$3.04
1000 mL	3/pk	EA	700-3111	$3.98

Prices subject to change.

Color-Coded Graduated Nesting Pitchers

Lightweight durable pitcher made from polypropylene material. Designed for easy measurement of approximate volumes in the lab, with easy-grip handles. They are nesting to conserve space and have blue screened, 10 mL graduations. Autoclavable at 121°C (2 bar). However, to preserve graduation markings on pitchers, cleaning at no higher than 60°C is recommended.

Color	Unit	Stock#	PRICE
500 mL Pitcher (100 mm D x 140 mm H)			
Clear	EA	090-3061	$3.88
Blue	EA	090-3062	$3.88
Yellow	EA	090-3064	$3.88
Red	EA	090-3065	$3.88
Green	EA	090-3066	$3.88
1000 mL Pitcher (125 mm D x 167 mm H)			
Clear	EA	090-3067	$6.13
Blue	EA	090-3068	$6.13
Yellow	EA	090-3069	$6.13
Red	EA	090-3070	$6.13
Green	EA	090-3071	$6.13

Short Form Pitchers

Handy pitcher molded in polypropylene, clear and autoclavable with good chemical resistance. Handles are attached on top and bottom of pitcher for convenient, safe lifting. Raised graduations every 250 mL.

Capacity	Unit	Stock#	PRICE
5000 mL	EA	700-3005	$24.84

Rubbermaid® Bouncer® Measuring Cups

Tough and crystal clear for fast, easy identification of contents. Made of durable break-resistant polycarbonate, they won't dent, rust or pit like metal cups. Permanently bonded graduated measurements for quick, accurate reading: English units in red on one side and metric in blue on the other. Extra large handles are designed for comfort when pouring, scooping, or measuring hot liquids or heavy food products. Certified to NSF Std. #2. BPA free. Temperature rating: -40°F/-40°C to 212°F/100°C.

Mfg Part#	Capacity	Graduations	Pkg	Unit	Stock#	PRICE
3210	8-oz/225 ml/1 cup	1-oz/25 mL	12/ca	EA	440-2442	$7.00
3215	16-oz/470 mL/2 cup	1-oz/25 mL	6/ca	EA	440-2443	$12.09
3216	32-oz/980 mL/4 cup/1-qt	2-oz/50 mL	6/ca	EA	440-2444	$13.42
3217	64-oz/1900 mL/8 cup	4-oz/125 mL/⅛ L	6/ca	EA	440-2445	$18.31
3218	1-gal/3.8 L/4-qt	½-qt/½ L	6/ca	EA	440-2446	$19.88

Accu-Pour™ Measuring Cups

Made from food-grade polypropylene that is durable and will not shatter or break. Resistant to a wide variety of chemicals. Raised graduations in both ounces and milliliters.

Capacity	Graduations	Unit	Stock#	PRICE
8-oz/250 mL/1 cup	0.5 mL/0.25-oz	EA	424-6008	$4.60
16-oz/500 mL/1 pint	10 mL/0.5-oz	EA	424-6016	$5.70
32-oz/1 L/1000 mL/1-qt	10 mL/0.5-oz	EA	424-6032	$6.68
64-oz/2 L/2000 mL/2-qt	50 mL/1-oz	EA	424-6064	$8.58
128-oz/4 L/4-qt/1-gal	100 mL/2-oz	EA	424-6128	$12.40

Call Customer Service at 800-826-8302

PITCHERS & MEASURING CUPS

Stainless Steel Graduated Measures

Sturdy stainless measures with many uses. Four sizes available, from pint to gallon size. Stainless handle for ease in handling. Easy-to-read graduations in both ounces and cc's on inside. 6/case.

VOLLRATH®

Capacity	Graduates	Unit	Stock#	PRICE
16-oz/500 cc	2-oz/50 cc	EA	726-6080	$44.98
32-oz/1000 cc	2-oz/100 cc	EA	726-6085	$58.46
64-oz/2000 cc	4-oz/100 cc	EA	726-6090	$70.32
132-oz/4000 cc	4-oz/200 cc	EA	726-6095	$76.59

Stainless Steel Griffin Beaker

Tough, low-form stainless beaker with spout. 2-5/8" diameter x 3-1/4"H. 20 gauge, 304 stainless steel. 250 mL (not graduated). 12/case.

Unit	Stock#	PRICE
EA	726-6100	$41.85

Kohman Butter Test Cup

Used for the testing of moisture, fat and salt using the Kohman test method for butter analysis. Made from aluminum. Holds 250 cc.

Unit	Stock#	PRICE
EA	715-3300	$63.55

Coors™ High Form Crucibles

Glazed inside and out except for outside bottom surface. Covers available by special order.

Capacity	Top Diameter	Height	Pkg	Unit	Stock#	PRICE
15 mL	35 mm	29 mm	48/ca	EA	155-3176	$5.25
30 mL	43 mm	37 mm	24/ca	EA	155-3177	$7.89

FLASKS

Kimax® Colorware Erlenmeyer Flasks, Narrow Mouth

Color-coded narrow mouth Erlenmeyer flasks can be used to easily identify glassware between labs, work centers or lab technicians. Uniform wall thickness has increased resistance to mechanical shock. Ceramic scales indicate approximate volumes at various levels. Color coding helps reduce cross contamination. Designed from ASTM Specification E1404, Class I Requirements. Additional volumes and colors available upon request.

Capacity	Graduations	Subdivisions	Color	Unit	Stock#	PRICE
Blue						
125 mL	50 - 125 mL	25 mL	Blue	EA	363-3326	$4.58
250 mL	50 - 225 mL	25 mL	Blue	EA	363-3420	4.75
Green						
125 mL	50 - 125 mL	25 mL	Green	EA	363-3327	$4.58
250 mL	50 - 225 mL	25 mL	Green	EA	363-3440	4.75
Red						
125 mL	50 - 125 mL	25 mL	Red	EA	363-3328	$4.65
250 mL	50 - 225 mL	25 mL	Red	EA	363-3430	$4.75
Yellow						
125 mL	50 - 125 mL	25 mL	Yellow	EA	363-3325	$4.58
250 mL	50 - 225 mL	25 mL	Yellow	EA	363-3470	$4.75

Pyrex® 4980 Erlenmeyer Flasks, Narrow Mouth

Glass flasks for general lab use. They feature a heavy-duty rim for longer lab service. Graduations are in durable white enamel. An extra large marking space is provided.

Capacity	Fits Stopper	Pkg	Unit	Stock#	PRICE
25 mL	0	12/pk	PK	140-3109	$79.76
50 mL	1	12/pk	PK	140-3110	$66.41
125 mL	5	12/pk	EA	%40-3112	8.27
250 mL	6	12/pk	EA	140-3113	$6.07
300 mL	6	12/pk	EA	140-3114	$7.23
500 mL	7	6/pk	EA	%40-3115	6.08
1000 mL	9	6/pk	EA	%40-3116	11.00
2000 mL	10	1/pk	EA	140-3117	$33.64
4000 mL	10	1/pk	EA	140-3118	$71.83
6000 mL	10	1/pk	EA	140-3119	$186.41

Pyrex® 5100 Erlenmeyer Flasks, Wide Mouth

Similar to Pyrex 4980, but with a wide mouth, as indicated by stopper sizes.

Capacity	Fits Stopper	Pkg	Unit	Stock#	PRICE
125 mL	6	12/pk	EA	140-3129	$9.35
250 mL	8	12/pk	EA	140-3401	$6.37
500 mL	10	6/pk	EA	140-3132	$8.74
1000 mL	11	6/pk	EA	140-3133	$12.89
2000 mL	13	1/pk	EA	140-3134	$28.14

Pyrex® 4985 Erlenmeyer Flasks with Screw Caps

Glass flasks with phenolic screw caps are ideal for culturing, mixing and storing media. Impact-resistant caps are equipped with cemented-in, inert white rubber liners which are resistant to steam sterilization. Flasks are graduated and include oval marking space

.

Capacity	Pkg	Unit	Stock#	PRICE
50 mL	12/pk	PK	140-3120	$286.48
125 mL	12/pk	PK	140-3121	$307.08
250 mL	6/pk	EA	140-3122	$25.35
500 mL	6/pk	EA	140-3123	$29.32
1000 mL	6/pk	EA	140-3124	$34.99

Nalgene® 4102 Erlenmeyer Flasks, Narrow Mouth

Polypropylene flask with heavy walls is chemically resistant, unbreakable and autoclavable. Molded-in graduations. Liquid level is easily visible. 2000 mL. Uses a #10 size stopper. 2/pack; 3 packs/case. Sold by the each.

Mfg Part #	Pkg	Unit	Stock#	PRICE
4102-2000	2/pk	EA	156-3409	$52.99

Kimax® 26500 Erlenmeyer Flasks, Narrow Mouth

Glass flasks for general lab use. Reinforced, beaded tops, with thick walls and tapered contours. White scale gives approximate volumes. Large marking space. Designed from ASTM specification E1404, Type 1, Class 1 requirements.

Capacity	Fits Stopper	Pkg	Unit	Stock#	PRICE
50 mL	1	12/pk	PK	363-3421	$56.02
125 mL	5	12/pk	EA	156-3422	$8.42
250 mL	6	12/pk	EA	156-3423	$4.61
300 mL	6	12/pk	EA	363-3424	$5.74
500 mL	7	6/pk	EA	156-3425	$12.48
1000 mL	9	6/pk	EA	156-3426	$17.37
2000 mL	10	4/pk	EA	156-3427	$22.05
4000 mL	10	1/pk	EA	156-3428	$69.88

Nalgene® 4108 Erlenmeyer Flasks with Screw Caps

Tough, transparent polycarbonate flasks are used for preparing and storing culture media. Linerless polypropylene caps are leakproof. Autoclavable.

Size	Pkg	Unit	Stock#	PRICE
250 mL	4/pk	EA	156-3413	$12.36
500 mL	4/pk	EA	156-3414	$30.76

Pyrex® 5340 Filtering Flasks

Heavy-walled glass, graduated filtering flasks. The neck finish affords an excellent fit for rubber stopper. Stoppers not included.

Size	Tubulation (OD)	Fits Stopper	Pkg	Unit	Stock#	PRICE
500 mL	10 mm (⅜")	7	6/pk	EA	140-3128	$35.28
1000 mL	10 mm (⅜")	8	6/pk	EA	140-3136	$64.47
2000 mL	12.5 mm (⁷⁄₁₆")	9	1/pk	EA	140-3137	$206.24

Kimble™ Filtering Flask

Custom designed for Nelson-Jameson, this two-outlet 1000 mL glass flask features outlets on opposite sides of the flask to keep it stable during use. Lower outlet is located 2″ above bottom of flask to prevent any moisture accumulation from interfering with outlet. Ideal for desiccation of air before vacuum ovens or as a trap between oven and pump. Uses size 8 stopper.

Mfg Part #	Size	Unit	Stock#	PRICE
34-6515	1000 mL	EA	365-3409	$226.84

Call Customer Service at 800-826-8302

FLASK ACCESSORIES

Glass Beads

Clear, soda lime glass beads to use as mixing beads or boiling stones. Tolerance in all sizes is ±0.25 mm. One pound per pak.

Size	Unit	Stock#	PRICE
2 mm	PK	716-3999	$45.52
4 mm	PK	156-3010	$28.01
6 mm	PK	156-3012	$23.14

Parafilm® Wrapping Film

Laboratory wrapping film prevents evaporation, contamination or hydration. Protects anhydrous materials. Can be folded, twisted or stretched. Resists medium concentration acids and alkalis. Not suited for use with fat solvents. 12 rolls/case.

Size	Unit	Stock#	PRICE
4" x 125'	RL	155-3994	$39.27

Write-On™ Label Tape

Clearly label glassware and other lab supplies for easy identification. Tape adheres to any clean surface and peels off without leaving a sticky residue. Pencil, pen or solvent ink marker remains legible under the most demanding lab conditions. Made of white kraft paper with rubber resin adhesive that resists moisture and most solvents. Tape will withstand broad temperature extremes, from a maximum temperature of 257°C for 30 minutes, or a steam autoclaving cycle at 121°C down to -73°C. Standard 3" core. 24 rolls/case. Other colors and sizes available by special order.

Width	Yards	Unit	Stock#	PRICE
½"	60	RL	010-3310	$11.94
1"	60	RL	010-3973	$18.28

VOLUMETRIC FLASKS

Pyrex® 5420 Kjeldahl Flask

Long-necked flask for nitrogen determinations. Round bottom and substantial walls. Reinforced, tooled mouth. Bottom should not touch heating element.

Size	Pkg	Unit	Stock#	PRICE
800 mL	6/pk, 3 pk/ca	EA	156-3465	$29.14

Class A Volumetric Flasks

Class A borosilicate glass volumetric flasks with glass stoppers are individually serialized and certified per the ASTM standard.

Capacity	Unit	Stock#	PRICE
500 mL	EA	700-3608	$63.92
1000 mL	EA	700-3609	$90.65
2000 mL	EA	700-3610	$131.50

Kimax® 28014 Volumetric Flasks

Class A glass flasks calibrated to contain. Pennyhead ground glass stoppers included. Designed from ASTM Specification E288, Class A unserialized requirements.

Size	Fits Stopper	Pkg	Unit	Stock#	PRICE
100 mL	13	6/pk	EA	156-3486	$35.53
250 mL	16	12/pk	EA	363-3280	$44.15
500 mL	19	6/pk	EA	156-3489	$93.43
1000 mL	22	1/pk	EA	156-3490	$130.20
2000 mL	27	4/pk	EA	363-3984	$164.37

Pyrex® 5600 Volumetric Flasks with Snap-Cap

Glass snap-cap flasks feature the capacity mark as a fine line etched through a narrow red band into clear glass making a filler unnecessary and giving high legibility, accuracy and permanence. Snap-caps supplied with all sizes. Calibrated to contain.

Size	Pkg	Unit	Stock#	PRICE
50 mL	6/pk	PK	140-3140	$165.90
100 mL	6/pk	EA	140-3141	$29.80
250 mL	6/pk	EA	140-3143	$41.35
500 mL	6/pk	EA	140-3144	$48.17
1000 mL	1/pk	EA	%40-3145	52.54

US Customary Volumetric Calibration/Measuring Flasks

High-precision volumetric calibration flasks used to check fill volumes. Sold individually below. Each flask is calibrated "to contain" (TC) at 68°F, individually certified to tolerances specified in NIST handbook 105-2.1996. Manufacturer's test equipment is calibrated and certified to comply with NIST HN44, ISO 10012, and ANSI/NCSL Z540 requirements. All flasks are direct shipped from manufacturer.
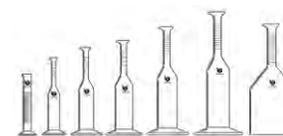
Size	Unit	Stock#	PRICE
1 pt	EA	140-3433	$367.73
1 qt	EA	140-3430	$566.89
½ gal	EA	140-3431	$750.80
1 gal	EA	140-3432	$995.90

Prices subject to change.

Two Hole Rubber Stoppers

Similar to one hole stoppers, but with two holes for special applications.

Size	Top Diameter	Bottom Diameter	Pkg	Unit	Stock#	PRICE
3	24 mm	18 mm	43/pk	EA	220-3300	$0.52
4	26 mm	20 mm	37/pk	EA	220-3301	$1.01
7	37 mm	30 mm	16/pk	EA	155-3840	$5.52
9	45 mm	37 mm	11/pk	EA	220-3349	$3.54

Rubber Stoppers

These laboratory-quality, pliable black rubber stoppers are made with the highest percentage of pure rubber making them practical for continual use. They maintain resiliency without losing shape. Temperature range -50° to 220°F.

Size	Top Diameter	Bottom Diameter	Length	Pkg	Unit	Stock#	PRICE
Solid Stoppers							
00	15 mm	10 mm	25 mm	105/pk	EA	155-3819	$0.46
0	17 mm	13 mm	25 mm	77/pk	EA	155-3820	$0.42
1	19 mm	14 mm	25 mm	57/pk	EA	155-3821	$0.51
2	20 mm	16 mm	25 mm	52/pk	EA	155-3822	$0.55
3	24 mm	18 mm	25 mm	39/pk	EA	155-3823	$0.65
4	26 mm	20 mm	25 mm	33/pk	EA	155-3824	$0.75
5	27 mm	23 mm	25 mm	28/pk	EA	155-3825	$1.03
5½	28 mm	24 mm	25 mm	26/pk	EA	155-3817	$1.06
6	32 mm	26 mm	25 mm	20/pk	EA	155-3826	1.29
6½	34 mm	27 mm	25 mm	18/pk	EA	155-3818	$1.45
7	37 mm	30 mm	25 mm	15/pk	EA	155-3827	$1.98
7½	39 mm	31 mm	25 mm	14/pk	EA	155-3816	$2.12
8	41 mm	33 mm	25 mm	12/pk	EA	155-3828	$2.20
9	45 mm	37 mm	25 mm	10/pk	EA	155-3829	$2.34
10	50 mm	42 mm	25 mm	8/pk	EA	155-3830	$2.96
10½	53 mm	45 mm	25 mm	7/pk	EA	155-3333	$2.49
11	56 mm	48 mm	25 mm	6/pk	EA	155-3832	$3.52
11½	63 mm	50 mm	25 mm	5/pk	EA	155-3833	$4.52
12	64 mm	54 mm	25 mm	5/pk	EA	155-3834	$5.43
13	68 mm	58 mm	25 mm	4/pk	EA	373-3357	$5.28
13½	75 mm	62 mm	35 mm	1/pk	EA	373-3358	$7.92
14	90 mm	75 mm	39 mm	1/pk	EA	373-3359	$11.35
15	103 mm	83 mm	39 mm	1/pk	EA	373-3360	$25.25
Two Hole Stoppers							
3	24 mm	18 mm	25 mm	43/pk	EA	220-3300	$0.52
4	26 mm	20 mm	24 mm	37/pk	EA	220-3301	$1.01
7	37 mm	30 mm	24 mm	16/pk	EA	155-3840	$5.52
9	45 mm	37 mm	25 mm	11/pk	EA	220-3349	$3.54

Flask Brush with Extension

Bristle end is extended for hard-to-reach parts of flasks and bottles. 16″ long overall. 12/pack.

Unit	Stock#	PRICE
EA	155-3060	$18.77

Volumetric Flask Brushes

Flexible plastic handle and soft bristles are designed for the hard-to-clean shape of volumetric flasks. Brush adjusts to flask shape. 12/pack.

Mfg Part #	For Flask	Length	Unit	Stock#	PRICE
03-570A	250 mL	12"	EA	155-3061	$15.32
03-570B	500 mL	14"	EA	155-3062	$20.45
03-570C	1000 mL	17"	EA	155-3063	$19.70

Call Customer Service at 800-826-8302

DRYING RACKS & FUNNELS

Draining/Drying Rack

Holds up to 90 pieces. Has galvanized back splash pan. Blue vinyl coating. Measures 7-1/8″L x 18-1/2″W x 19″H.

Wt	Unit	Stock#	PRICE
9.64	EA	446-3320	$121.61

Wall-Mounted Drying Racks
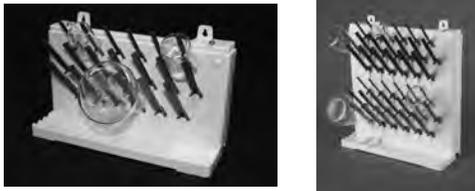
Keep glassware dry and organized with these wall-mountable, rugged ABS plastic racks. Won't corrode, and easily wipes clean. Interchangable pegs conform to your glassware sizes. All pegs are angled at 45 degrees for optimum air flow. Three different size pegs: small 3″, medium 4″ and large 5″.

Description	Size	Unit	Stock#	PRICE
Single tier, 19 pegs	16″L x 7.5″W x 9.25″H	EA	010-3933	$84.11
Two tier, 38 pegs	16″L x 7.5″W x 16.25″H	EA	010-3934	$120.60

Acrylic Pegboard

Design this pegboard to fit your lab's needs and make it a customized workstation. Light has become a highly desired commodity in today's ever-changing lab environment. These are made from 3/4″ thick clear acrylic, which allows full light to pass through. Pegboards can be supplied with a frosted back to screen or tone down light if desired.

Size	Unit	Stock#	PRICE
24″ x 24″ w/ 25 pegs	EA	812-3000	$525.20

Pyrex® 6180 Funnels

Fluted, 60° angle body. Use in flasks or test tubes without filter rack. Strong beaded edge.

Size	Stem Length	Unit	Stock#	PRICE
50 mm	65 mm	EA	140-3001	$13.43
75 mm	75 mm	EA	140-3003	$16.21

Scienceware® Funnels

Polypropylene funnels feature the exclusive filter-step internal design for quicker filtrations. Internal ribs prevent airlock. The parallel stem measures 8 mm OD. Steam autoclavable at 121°C.

Top ID Diameter	Filter Paper Diameter	Stem Length	Unit	Stock#	PRICE
55 mm	90 mm	60 mm	EA	010-3676	$3.76
65 mm	110 mm	65 mm	EA	010-3677	$3.91
75 mm	125 mm	75 mm	EA	010-3678	$3.82

Pyrex® 6220 Large Diameter Stem Funnels

Special glass filling funnels with a large diameter, short stem. Transfer powder, thick liquids, or obtain rapid flow through large stem opening.

Mfg Part #	Size	Approx. Stem Length x OD	Unit	Stock#	PRICE
10-346B	75 mm	30 x 17 mm	EA	140-3012	$15.74
10-346C	100 mm	30 x 20 mm	EA	140-3013	$18.28
10-346D	125 mm	35 x 25 mm	EA	140-3014	$31.76
10-346E	150 mm	35 x 30 mm	EA	140-3015	$71.52

Weighing Funnels

These funnels allow precise weighing of product, are easy to use and ensure complete sample transfer to flasks, tubes, etc. Shaped to sit flat on balances and designed to fit into volumetric flasks or test tubes for spill-free transfer of material, the funnels are suited for preparation of analytical standards and for safe handling of hazardous materials. 50/pack.

Size	Fits Volumetric Flask	Unit	Stock#	PRICE
Small	5, 10, 25, 50 mL	PK	220-3001	$62.18
Medium	100, 200, 250 mL	PK	220-3002	$71.70
Large	500, 1000 mL	PK	220-3003	$155.90

Prices subject to change.

Cast Iron Ring

Cast-iron construction prevents breakage under normal use. Black enamel coating withstands chemical deterioration. Sturdy 5/16″ setscrew in clamp locks ring tightly to support stands and lattices. Ring center is the standard 4-1/2″ from support rod center.

ID	Unit	Stock#	PRICE
5¼"	EA	220-3405	$46.84

Kimax® 45048 Rimless Culture Tubes

Glass tubes have smooth fire-polished top with marking spot of durable, fused-on white enamel.

OD x Length	Capacity	Pkg	Unit	Stock#	PRICE
12 x 75 mm	5 mL	72/pk	PK	156-3852	$34.76
16 x 125 mm	15 mL	72/pk	PK	156-3855	$85.61
16 x 150 mm	20 mL	72/pk	PK	156-3856	$52.62

Pyrex® 9820 Rimless Culture Tubes

Glass tubes without a ring are more convenient for plugging and rack storage. Fire polished tops. Walls and bottoms are of uniform thickness. White marking spot.

OD x Length	Capacity	Pkg	Unit	Stock#	PRICE
10 x 75 mm	3 mL	72/pk	PK	140-3851	$38.70
12 x 75 mm	5 mL	72/pk	PK	140-3852	$38.69
16 x 100 mm	11 mL	72/pk, 8 pk/ca	CA	140-3031	$353.65
16 x 125 mm	15 mL	72/pk	PK	140-3855	$46.81
16 x 150 mm	20 mL	72/pk	PK	140-3856	$57.49
18 x 150 mm	27 mL	72/pk	PK	140-3857	$63.99
20 x 150 mm	34 mL	72/pk	EA	156-3858	$1.21

Kimax® Glass Rimless Culture Tubes

Smooth, rounded tops and bottoms, with fire-polished rims. Packed in trays and sealed in plastic to avoid breakage. No marking spot.

OD x Length	Capacity	Pkg	Unit	Stock#	PRICE
6 x 50 mm	.75 mL	1000/ca	CA	363-3966	$70.78
10 x 75 mm	3 mL	250/pk	PK	156-3849	$13.02
12 x 75 mm	5 mL	250/pk	PK	156-3848	$14.26
13 x 100 mm	9 mL	250/pk	PK	156-3847	$18.83
16 x 125 mm	15 mL	250/pk	PK	156-3840	$27.53
18 x 150 mm	27 mL	500/ca	CA	220-3375	$88.58

Glass Culture Tubes with Caps

High-quality glass tubes with tough polypropylene screw caps. Packed in trays and sealed in plastic. No marking spot.

OD x Length	Capacity	Pkg	Unit	Stock#	PRICE
16 x 100 mm	14 mL	250/pk	PK	156-3869	$110.68

More culture tubes and caps on the next page...

Call Customer Service at 800-826-8302

CULTURE TUBES & ACCESSORIES

Kimax® 45066 Culture Tubes with Cap

Glass tubes have a screw cap with a cemented-in rubber liner. The cap reduces loss from evaporation and provides freedom from contamination. Caps have long threaded portion, which allows loosening during auto-claving.

OD x Length	Cap to Neck	Pkg	Unit	Stock#	PRICE
16 x 100 mm	12 mL	12/dz	DZ	156-3861	$36.00
16 x 125 mm	16 mL	72/pk	PK	156-3862	$119.23
16 x 150 mm	20 mL	72/pk	PK	156-3863	$144.50
20 x 125 mm	25 mL	48/pk	PK	156-3864	$117.39
25 x 150 mm	30 mL	36/pk, 4 pk/ca	CA	363-3865	$442.13

Pyrex® 9825 Culture Tubes with Cap

Glass tubes have a deep-formed phenolic cap to facilitate handling and sealing after autoclaving. Caps are fabricated from a special formula resis-tant to the effects of temperature and steam during autoclaving. White enamel marking spot

.

OD x Length	Capacity	Pkg	Unit	Stock#	PRICE
13 x 100 mm	9 mL	288/ca	CA	140-3223	$477.17
16 x 125 mm	15 mL	144/pk	PK	140-3862	$328.32
16 x 150 mm	20 mL	144/pk	PK	140-3863	$312.96
20 x 150 mm	34 mL	96/pk	EA	156-3865	$2.08
25 x 150 mm	55 mL	48/pk	PK	140-3866	$162.03

Disposable Culture Tubes

Sterile culture tubes with snap caps can be used for most routine lab procedures. Tubes have easy-to-read printed graduations along with white marking area for sample identification. 25 tubes/tray, 20 trays/case.

OD X Length	Material	Capacity	Pkg	Unit	Stock#	PRICE
12 x 75 mm	Polypropylene	5 mL	500/ca	CA	211-3323	$101.62
17 x 100 mm	Polystyrene	16 mL	500/ca	CA	211-3330	$133.73

KIM-KAP™ 73660 Closures

Economical—autoclavable—disposable. Polypropylene KIM-KAPS are convenient caps for disposable culture tubes, keeping contents sterile without cotton plugs.

Color	Fits tube	Pkg	Unit	Stock#	PRICE
Natural/Clear	16 mm	500/pk	PK	363-3883	$43.31
Red	18 mm	100/pk, 10 pk/ca	CA	363-3962	$122.67
Yellow	18 mm	100/pk, 10 pk/ca	CA	363-3964	$122.67
Green	18 mm	100/pk, 10 pk/ca	CA	363-3963	$122.67
Blue	18 mm	100/pk, 10 pk/ca	CA	363-3975	$122.67
Natural/Clear	18 mm	100/pk, 10 pk/ca	CA	363-3971	$97.41
Natural/Clear	20 mm	250/pk	PK	363-3736	$40.89

Test Tube Brushes

Two sizes, two materials. 155-3065 has white hog bristles; 1/2" x 8". 420-2165 has white polyester bristles; 5/8" x 10". Radial tufted ends. 12/pack.

Description	Unit	Stock#	PRICE
Hog bristle	EA	155-3065	$4.18
Polyester bristle	EA	420-2165	$1.82

Prices subject to change.

Wire Culture Tube Racks

Constructed of high-quality steel wire, welded and coated with heat-cured epoxy. Ideal for autoclaving. Unaffected by temperature from -370° to 250°F. Three tiers with square holes, reinforced edges, and slotted mesh bottom. Abrasion, rust and corrosion resistant.

Tube Size	Capacity	Color	Size	Unit	Stock#	PRICE
10 to 13 mm	36	Blue	4⁵⁄₁₆"L x 4¹⁄₁₆"W x 2⅞"H	EA	010-3102	$27.85
13 mm	72	Blue	7⅞"L x 4"W x 2⅛"H	EA	155-3658	$43.05
16 mm	48	Blue	9½"L x 3⅜"W x 2½"H	EA	155-3657	$26.88
18 to 20 mm	20	Blue	4¹⁵⁄₁₆"L x 4¼"W x 2⁷⁄₁₆"H	EA	220-3380	$26.59
18 to 20 mm	20	Green	4¹⁵⁄₁₆"L x 4¼"W x 2⁷⁄₁₆"H	EA	010-3380	$27.58
18 to 20 mm	20	Orange	4¹⁵⁄₁₆"L x 4¼"W x 2⁷⁄₁₆"H	EA	010-3383	$28.12
18 to 20 mm	40	Blue	9¾"L x 3⅞"W x 3¼"H	EA	155-3656	$28.13

Test Tube Racks

Manufactured in a variety of dimensions to fit various tube sizes. Black epoxy coating.

Tube Size	Capacity	Unit	Stock#	PRICE
16 mm	48	EA	446-3303	$23.99
16 mm	72	EA	446-3305	$23.99
20 mm	40	EA	446-3302	$23.99
22 mm	20	EA	446-3301	$23.99
22 mm	40	EA	446-3304	$23.99

Polypropylene Culture Tube Racks

Stackable, white, three-tier racks with large handles for easy carrying. Holes are numbered and lettered for easy sample identification. Easy to clean. Superior chemical resistance. Autoclavable to 121°C.

Tube Size	Capacity	Color	Size	Unit	Stock#	PRICE
13 to 16 mm	50	White	8⅜"L x 4⁵⁄₁₆"W x 4⅜"H	EA	010-3056	$31.05
16 to 20 mm	32	White	8⅜"L x 4⁵⁄₁₆"W x 5"H	EA	010-3057	$31.05
21 to 25 mm	18	Tan	8⅜"L x 4¹⁵⁄₁₆"W x 5"H	EA	010-3000	$31.54

SP SCIENCEWARE

Scienceware® Culture Tube Racks

Molded of autoclavable no-wire polypropylene. Will sink in a water bath and maintain their stability even in agitated water. Assembly takes only seconds with fold up sides and end bars that lock into rack tops. 9.7″ L x 4.1″ W x 2.5″ H. White. Other colors available upon request.

Tube Size	Capacity	Unit	Stock#	PRICE
13 mm	90	EA	010-3745	$18.85
16 mm	60	EA	010-3746	$18.85
20 mm	40	EA	010-3747	$17.63
25 mm	24	EA	010-3748	$18.67
30 mm	21	EA	010-3749	$18.85

Test Tube Basket

Aluminum basket without lid. Reinforced top, bottom and seams.

Size	Unit	Stock#	PRICE
10"L x 6"W x 6"H	EA	155-3026	$27.94

Scienceware® Polypropylene Test Tube Baskets

Ideal for rinsing, transport and storage of glassware. Lidded basket is simply inverted for easy draining. White. Steam autoclavable.

Size	Unit	Stock#	PRICE
5"L x 4"W x 4"H	EA	010-3737	$25.38
6"L x 6"W x 6"H	EA	010-3738	$33.53

Call Customer Service at 800-826-8302

CENTRIFUGE TUBES

Microcentrifuge Storage Tubes

Precision molded from clarified polypropylene. These clear plug cap tubes are graduated and tolerate centrifugation of up to 18,000 RCF. These tubes are ideal for storage of positive and negative controls for antibiotic tests.

Description	Pkg.	Unit	Stock#	PRICE
1.5 mL	100/bag	BG	498-3971	$5.20
1.5 mL	500/bag	BG	498-3972	$17.86

Disposable Centrifuge Tubes

Sterile, conical bottom tubes featuring a screw top with easy-to-read black graduations. 50 bulk packaged and offer a write-on strip. Suggested working temperature range is between 0° to 40°C. Made of polypropylene.

Capacity	Pkg	Unit	Stock#	PRICE
15 mL	50/pk	PK	700-3222	$10.24
15 mL	500/ca	CA	700-3322	$92.61
50 mL	50/pk	PK	700-3301	$9.42
50 mL	500/ca	CA	700-3505	$90.88

Falcon Conical Centrifuge Tubes

Falcon, polystyrene, sterile, conical centrifuge tubes offer dark blue graduations in 0.5 mL increments that are visible with clear or turbid samples. They are solvent resistant with a white writing area. The blue caps are a HDPE 20 mm threaded dome seal, which provides a positive seal over the full circumference.

Capacity	Pkg	Unit	Stock#	PRICE
15 mL	50/pk, 500/ca	CA	207-3996	$128.75

Kimax® 45167 Centrifuge Tube

Reusable borosilicate glass tube with standard taper conforming to USP Type 1 and ASTM E436, Type 1, Class A requirements. Graduated and calibrated to contain. All markings are durable black ceramic enamel. Top is beaded for strength. Used in determination of solubility index for dry milk.

Capacity	Subdivisions	Unit	Stock#	PRICE
50 mL	0-1mL in 0.1 / 1-2mL in 0.2 / 2-10mL in 0.5 / 10-20mL in 1 and at 50	EA	363-3990	$25.64

SETTLING CONE & RACK

Scienceware® Imhoff Settling Cone

Use for suspended matter testing. Graduations: 0 to 1 mL (in 0.1 mL subdiv.); 1 to 10 (in 0.5); 10 to 40 (in 1.0); 40 to 100 (in 2.0); with lines and numbers at 250, 500, and 1000 mL. Includes leakproof, screw cap plug in bottom for withdrawing sediment for gravimetric analysis and cleaning.

Size	Unit	Stock#	PRICE
1000 mL Cone	EA	334-3001	$41.60
Imhoff cone rack, holds 3 cones	EA	716-3760	$42.69

Prices subject to change.

Kimax® 20028 Class A Graduated Cylinders

Reverse white metric scale to deliver appears on each cylinder and indicates the cylinder is calibrated to pour (dispense), and TD appears on each cylinder indicating to deliver. The cylinder may be used repeatedly without drying. SAFE-GARD® bumpers are supplied on each cylinder. Manufactured from 33 expansion, low extractable borosilicate glass conforming to USP Type 1 and ASTM E48, Type 1, Class A requirements.

Capacity	Unit	Stock#	PRICE
10 mL	EA	363-3310	$28.21
50 mL	EA	363-3312	$30.90
100 mL	EA	363-3313	$36.28
250 mL	EA	363-3314	$49.51
500 mL	EA	363-3315	$69.68

Pyrex® 3024 Graduated Cylinders

Glass graduated cylinder with single metric scale. Calibrated to deliver. Plastic bumper guard included.

Capacity	Subdivisions	Pkg	Unit	Stock#	PRICE
50 mL	1.0 mL	18/ca	EA	140-3242	$30.60
100 mL	1.0 mL	12/ca	EA	140-3243	$33.24
250 mL	2.0 mL	12/ca	EA	140-3244	$50.47
500 mL	5.0 mL	8/ca	EA	140-3245	$70.56
1000 mL	10.0 mL	1/ca	EA	140-3246	$102.21

Pyrex® 3062 Class A Cylinders

Highly accurate glassware calibrated to deliver to Class A tolerances in accordance with ASTM E-542 and ASTM E-1272. Each cylinder is individually serialized and supplied with a Certificate of Identification and Capacity, traceable to NIST standards. Permanent white graduations are easy to read. Bumper guards are included with 25 through 1000 mL inclusive. The 10 mL size has a funnel top.

Capacity	Subdivisions	Unit	Stock#	PRICE
10 mL	0.1 mL	EA	140-3230	$120.00
25 mL	0.2 mL	EA	140-3231	$128.72
50 mL	1.0 mL	EA	140-3232	$129.76
100 mL	1.0 mL	EA	140-3233	$124.35
250 mL	2.0 mL	EA	140-3234	$157.56
500 mL	5.0 mL	EA	140-3235	$184.57
1000 mL	10.0 mL	EA	140-3236	$219.15

Plastic graduates are found on the next page...

Kimax® 20025 Graduated Cylinders

Glass cylinders with printed metric scale durable blue markings. Calibrated to deliver. 10 mL size has enlarged funnel-shaped top for ease of filling. All sizes equipped with plastic safety bumpers. Designed from ASTM Specification E1272, Class B requirements.

Capacity	Subdivisions	Pkg	Unit	Stock#	PRICE
10 mL	0.2 mL	4/pk	EA	156-3240	$22.05
25 mL	0.5 mL	4/pk	EA	363-3241	$23.14
50 mL	1.0 mL	4/pk	EA	156-3242	$23.64
100 mL	1.0 mL	4/pk	EA	156-3243	$27.95
250 mL	2.0 mL	2/pk	EA	156-3244	$31.61
500 mL	5.0 mL	1/pk	EA	363-3301	$50.23
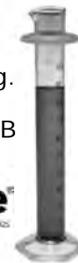
Scienceware® Clear Graduated Cylinders

Clear TPX® (polymethylpentene) cylinders do not create a concave meniscus, making the raised numeral single-scale graduations easy to read. Shatterproof with a wide octagonal base to prevent tipping and rolling. Superior chemical and heat resistance to 177°C (350°F). Autoclavable at 121°C.

Mfg Part #	Capacity	Subdivisions	Unit	Stock#	PRICE
F28691-0000	25 mL	0.5 mL	EA	010-3691	$7.79
F28692-0000	50 mL	1.0 mL	EA	010-3692	$8.67
F28693-0000	100 mL	1.0 mL	EA	010-3693	$9.26
F28694-0000	250 mL	2.0 mL	EA	010-3694	$10.67
F28695-0000	500 mL	5.0 mL	EA	010-3695	$14.31
F28696-0000	1000 mL	10.0 mL	EA	010-3696	$20.75
F28697-0000	2000 mL	20.0 mL	EA	010-3697	$47.16

Scienceware® Graduated Cylinders

Polypropylene cylinders have a total contained, total delivered single scale with raised numbers for easy reading. Flared top rims and large spouts facilitate pouring. Hexagon shaped bases provide stability. Autoclavable. Chemical resistant.
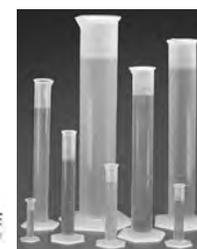
Mfg Part #	Capacity	Subdivisions	Unit	Stock#	PRICE
F28453-0000	25 mL	0.5 mL	EA	010-3453	$4.61
F28454-0000	50 mL	1.0 mL	EA	010-3454	$4.82
F28455-0000	100 mL	1.0 mL	EA	010-3455	$5.85
F28456-0000	250 mL	2.0 mL	EA	010-3456	$7.36
F28457-0000	500 mL	5.0 mL	EA	010-3457	$10.07
F28458-0000	1000 mL	10.0 mL	EA	010-3458	$13.63
F28459-0000	2000 mL	20.0 mL	EA	010-3459	$25.29

Call Customer Service at 800-826-8302

GRADUATES

Plastic Graduates - Dual Scale

The transparency of these polycarbonate graduates appears that of glass, yet they will not chip or shatter. Ether, ethanol, aqueous acids, salt solutions, detergents, etc. will not harm them. Avoid use with alkalis, ammonia, or aromatic hydrocarbons. Graduated in both ounces and milliliters.

Capacity	Subdivisions	Unit	Stock#	PRICE
2-oz/60 mL	0.25-oz/5 mL	EA	492-3005	$6.00
4-oz/125 mL	0.5-oz/10 mL	EA	492-3010	$6.30
8-oz/250 mL	0.5-oz/25 mL	EA	492-3015	$7.80
16-oz/500 mL	1-oz/25 mL	EA	479-3005	$44.48
32-oz/1000 mL	2-oz/50 mL	EA	156-3555	$75.07

DILUTION BOTTLES

Corning® Glass Dilution Bottles

Borosilicate glass bottles—graduated at 99 mL with screw caps. Bottles sold complete with cap. Meets the requirement for milk dilution bottles stated in the "Standard Methods for the Examination of Dairy Products". 12/pack.

Description	Thread	Pkg	Unit	Stock#	PRICE
Narrow mouth bottle	28-400	4 pk/ca	PK	156-3154	$132.75
Wide mouth bottle	40-400	4 pk/ca	PK	140-3373	$125.37
Replacement Caps					
Narrow mouth cap	28-400	144/ca	CA	140-3226	$455.83
Wide mouth cap	40-400	72/ca	CA	140-3374	$223.23
Wide mouth cap	40-400	72/ca	EA	140-3333	$3.83

Kimax® 14925 Marked Dilution Bottle

Glass dilution bottle with a graduation line at 99 mL in compliance with APHA's "Standard Methods for the Examination of Dairy Products". Screw cap with rubber liner will withstand repeated autoclaving. Bottles sold complete with cap.

Description	Thread	Pkg	Unit	Stock#	PRICE
160 mL bottle	28-400	12/pk	EA	498-3155	$8.28
Replacement Caps					
Cap w/rubber liner	28-400	12 dz/ca	DZ	498-3156	$38.56
Cap w/silicone liner	28-400	48/ca	CA	363-3156	$71.08

Kimble®
a world of experience in your hands

Kimax® 14250 Unmarked 200 mL Dilution Bottle

Economical, unmarked dilution bottle of borosilicate glass has many uses besides milk dilution, for example, water sampling and media storage. Plastic screw cap with rubber liner. Bottles sold complete with cap.

Description	Pkg	Unit	Stock#	PRICE
200 mL bottle	48/ca	CA	156-3185	$199.61
Replacement Caps				
Cap w/rubber liner	12 dz/ca	DZ	498-3156	$38.56
Cap w/silicone liner	48/ca	CA	363-3156	$71.08

Kimble®
a world of experience in your hands

Nalgene® Dilution Bottles

Autoclavable bottles help avoid breakage. Non-toxic. Molded graduations at 90 and 99 mL. Resistant to weak acids, bases and detergents. Withstand temperatures from 0° to 135°C. Narrow mouth bottle holds 200 mL; wide mouth holds 205 mL. Cap is autoclavable and leakproof. Bottles sold with cap.

Description	Pkg	Unit	Stock#	PRICE
PP Copolymer bottles				
Narrow mouth bottle, 28 mm	12/pk	PK	479-3155	$83.17
Wide mouth bottle, 38 mm	12/pk	PK	156-3505	$182.32
Polysulfone bottles				
Wide mouth bottle, 38 mm	12/pk	PK	156-3157	$110.30
Replacement caps				
Narrow mouth cap, 28 mm	12/pk	PK	156-3156	$20.00
Wide mouth cap, 38 mm	12/pk	PK	479-3380	$19.20

Prices subject to change.

DILUTION BOTTLE BRUSHES & STOPPERS

Milk Dilution Bottle Brushes

These brushes are perfect for cleaning milk dilution and other small bottles with wide mouths. White bristles are twisted-in-a-wire handle with a looped end. Rosebud tip for getting bottom and corners extra clean.

Diameter	Length	Bristle	Unit	Stock#	PRICE
1⅜"	10½"	Hog	EA	373-3701	$4.11
1⅜"	11"	Nylon	EA	420-2160	$4.96
2"	16"	Nylon	EA	420-2155	$7.42

ESCHER Milk Dilution Bottle Stopper

Rubber stopper for use with plain neck or threaded narrow mouth glass dilution bottles. Meets APHA requirements. 75 mm long. 12 each/pack.
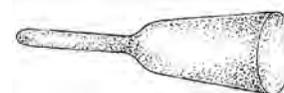
Unit	Stock#	PRICE
PK	534-3305	$59.98

BOTTLES

Pyrex® Media Bottles

Heavy-duty storage bottles for media, buffers, aqueous and non-aqueous solutions. Autoclavable. Complete with orange polypropylene plug seal caps, and clear pouring rings. Orange caps and clear rings will withstand temperatures to 140°C (284°F). For 180°C (356°F), use red melamine caps and red PTFE rings.

Size	Pkg	Unit	Stock#	PRICE
50 mL	10/ca	CA	140-3021	$108.80
100 mL	10/ca	CA	140-3009	$85.53
250 mL	10/ca	EA	156-3101	$7.61
500 mL	10/ca	EA	156-3102	$9.25
1000 mL	10/ca	EA	140-3372	$11.20
Replacement Caps and Rings				
Low temp, orange cap	20/ca	CA	156-3104	$67.01
Low temp, clear ring	50/ca	CA	156-3105	$64.58
High temp, red cap	10/ca	CA	156-3106	$141.95
High temp, red ring	50/ca	CA	156-3107	$170.53

Wide-Mouth Round Sample Bottles

Round, polypropylene (PP) bottles that are autoclavable, with leakproof PP threaded caps. Their wide mouths make them suitable for chemicals, specimens or any general use where sterilization is necessary. Loosen or remove caps before autoclaving. All bottles come complete with cap.

Size	Pkg	Unit	Stock#	PRICE
4-oz/125 mL bottle	12/pk	PK	156-3143	$33.86
8-oz/250 mL bottle	12/pk	EA	156-3144	$3.92
16-oz/500 mL bottle	12/pk	EA	156-3145	$5.63
16-oz/500 mL Mason jar	6/pk	PK	010-3605	$46.94
32-oz/1000 mL bottle	6/pk	EA	156-3146	$9.62
32-oz/1000 mL Mason jar	6/pk	EA	156-3610	$11.53

Dropping Bottle

Amber glass bottle for light-protection. Polyethylene pipet, rubber bulb and polypropylene screw cap. Use for filling pH electrodes or dispensing stain. 60 mL capacity. 36/case.

Unit	Stock#	PRICE
EA	156-3160	$2.45

Nalgene® 2006 Round Sample Bottle, Narrow-Mouth

Polypropylene bottle with threaded cap is ideal for applications requiring chemical resistance. Can be autoclaved with or without contents. Loosen cap before autoclaving. 500 mL is stocked, other sizes available by special order.

Size	Pkg	Unit	Stock#	PRICE
500 mL	12/pk	EA	156-3148	$5.56
1000 mL	6/pk	PK	479-3992	$62.20
Replacement Caps				
Plastic cap w/o liner	12/pk	PK	156-3156	$20.00

Sample 6ottles, K ash 6ottles and 7arboys are on the next page...

Call Customer Service at 800-826-8302

BOTTLES, JARS & WASH BOTTLES

Nalgene® 2007 Rectangular Sample Bottle, Wide-Mouth

Conserve shelf space with this rectangular-shaped bottle. High density polyethylene 1000 mL bottle with 53 mm polypropylene screw cap. Heavy walls and wide mouth. Excellent chemical resistance to most acids, bases and alcohols. Sold complete with cap. 1000 mL stocked, other sizes available by special order.

Size	Unit	Stock#	PRICE
8 oz/250 mL	PK	479-3008	$41.36
16 oz/500 mL	PK	479-3116	$64.43
32 oz/1000 mL	EA	479-3020	$13.03
64 oz/2000 mL	EA	479-3064	$17.26

Qorpak® Wide Mouth Jar

This polypropylene, economically priced wide mouth jar is the perfect choice for retaining samples. The cap is 89 mm ID (400-one turn/thread) and also polypropylene with a SturdeeSeal® polyethylene foam liner. Autoclavable. Chemical resistant. 36/case.

Size	Unit	Stock#	PRICE
8-oz/250 mL	CA	200-3600	$114.24

Nalgene® 2117 Straight-Side Wide-Mouth Jars

Clear, autoclavable and great for many applications. Use for sampling pastes, solids, or chemicals, especially where sterilization of containers is necessary. Made of PMP (polymethylpentene), they have excellent chemical resistance. Both jars have polypropylene screw caps. The jar threads on #156-3601 fit Oster® or other blenders with mason jar threads.

Size	Pkg	Unit	Stock#	PRICE
250 mL	4/pk	EA	156-3601	$11.40
1000 mL	4/pk	PK	479-7017	$84.89

Nalgene® 2402 Wash Bottles

Wide mouth bottle and tubulation are molded in one piece polyethylene to eliminate leaking. Dispenses without tipping or shaking. Dispensing tip provides a fine stream, or may be cut back to provide an increased flow.

Size	Unit	Stock#	PRICE
250 mL, 38 mm closure size	EA	156-3119	$4.45
500 mL, 38 mm closure size	EA	156-3120	$9.04

Replacement Caps

38 mm, 12/pk	PK	479-3380	$19.20

Scienceware® Safety Labeled Wash Bottles

Ensure leak-proof dispensing of your most common solvents in the laboratory. Polypropylene closure is 53 mm wide with a leakproof design. Easy to read, LDPE solvent-resistant printed bottles include: Department of Transportation (DOT), National Fire Protection Association (NFPA) codes and symbols, Chemical Abstract Service (CAS) numbers, and protective equipment symbols making your workplace safer. 500 mL capacity. LDPE wash bottles are for dispensing use only, not for storage. The 220-3421 is made of fluorinated high-density polyethylene reducing the risk of solvent absorption into the bottle itself.

Description	Cap Color	Unit	Stock#	PRICE
Distilled Water LDPE	Blue	EA	010-3646	$5.91
Ethanol LDPE	Natural	EA	010-3647	$6.26
Isopropanol LDPE	Yellow	EA	010-3648	$6.26
Solvent HDPE, 2/pk	Red	PK	220-3421	$30.23
LYOB (Label Your Own Bottle) LDPE	Natural	EA	010-3649	$5.91
Acetone, LDPE	Red	EA	010-3688	$6.26

Prices subject to change.

Nalgene® 2210 Carboy with Handles

Useful for storing and shipping chemicals and standards. Made of low-density polyethylene. Also for packaging and transporting corrosive materials. Graduated to contain in 1-gallon and 5-liter increments. Wide shoulder handles for easy carrying and pouring. Leak-proof.

Capacity	Unit	Stock#	PRICE
10 L (2.5 gal)	EA	156-3125	$86.85
15 L (4 gal)	EA	479-3126	$114.30
20 L (5.5 gal)	EA	156-3127	$119.81
Replacement Caps			
Replacement cap, 83 mm, 2 ea/pk	PK	479-3083	$63.92

Nalgene® 2318 Carboy with Spigot

Suitable for collecting and dispensing distilled water, reagents, acids. Graduated to deliver in 1-gallon and 5-liter increments. Spigot boss molded in one piece with bottle, not welded on, for strength and leak resistance. Convenient wide shoulder handles. Leakproof. LDPE polypropylene spigot and screw closure.

Capacity	Unit	Stock#	PRICE
10 L (2.5 gal)	EA	479-3320	$156.29
20 L (5.5 gal)	EA	156-3123	$187.36
50 L (13 gal)	EA	479-3322	$305.54
Accessories			
Replacement cap, 83 mm, 2/pk	PK	479-3083	$63.92
Replacement spigot	EA	479-3422	$46.99

Nalgene® 2319 Autoclavable Carboy with Spigot

Use for storing and dispensing solutions or media. Ideal for sterile water storage—can be autoclaved before refilling to stop recurring algae or bacterial growth. Excellent chemical resistance. Graduated to deliver in 1-gallon and 5-liter increments. Spigot boss molded in one piece with bottle, not welded on, for strength and leak resistance. Convenient wide shoulder handles. Leakproof polypropylene; PP spigot and screw closure, TPE gasket. Note: Autoclave only when empty. Before autoclaving, just set cap or closure on top of the container without engaging the threads.

Capacity	Unit	Stock#	PRICE
10 L (2.5 gal)	EA	156-3133	$184.37
20 L (5.5 gal)	EA	479-3301	$230.27
50 L (13 gal)	EA	479-7016	$323.03
Accessories			
Replacement cap, 83 mm, 2/pk	PK	479-3083	$63.92
Replacement spigot	EA	479-3422	$46.99

Nalgene® 6422 Quick-Action Spigot

Standard spigot for Nalgene carboys, lowboys, clearboys, and bottles. Polypropylene. Accepts 5/8" (16 mm) ID tubing. Also includes HDPE tubing adapter which takes tubing with 1/4" or 5/16" (6-13 mm) ID.

Unit	Stock#	PRICE
EA	479-3422	$46.99

Nalgene® 83B Closure

Fits Nalgene containers with 83 mm opening. Polypropylene. 2/pack.

Unit	Stock#	PRICE
PK	479-3083	$63.92

Call Customer Service at 800-826-8302

JERRICANS

Nalgene® 2240 Jerricans

Heavy-duty design is intended for rugged use. Made of high-density polyethylene with wide stance and low center of gravity for greater stability. Integral spout is long enough for accurate pouring. Strap-fastened 53 mm closure can't be lost. Graduations molded in liters and gallons. Recessed bottom provides second handgrip for pouring.

Capacity	Unit	Stock#	PRICE
6 L (1.5 gal)	EA	479-3242	$49.43
10 L (2.5 gal)	EA	479-3243	$68.66
20 L (5¼ gal)	EA	479-3246	$105.89

Scienceware® Vented Jerricans

Reduce splashing and spills with these high-density polyethylene jerricans. A unique 8″ spout with a built-in air vent pours smoothly and also retracts into the threaded collar to conserve shelf space. An extra hand grip on the bottom gives additional control when pouring. Graduated in U.S. gallons and liters.

SP SCIENCEWARE

Capacity	Unit	Stock#	PRICE
4 L (1 gal)	EA	010-3357	$43.47
10 L (2.5 gal)	EA	010-3936	$62.25
20 L (5 gal)	EA	010-3359	$93.24

TITRATORS & ACCESSORIES

Hach® Digital Titrator

This is the perfect tritration unit for use in the determination of titratable acidity of milk, wine and juice products. Ideal when portability is required. Perform accurate, precise, economical, and convenient titrations without the bulk and fragility of conventional titration equipment. Weigh your sample (18 g for milk), use pH endpoint of 8.3, then turn a dial on the titrator to accurately dispense sodium hydroxide from a cartridge. At the endpoint, read TA from the digital display. Because the titrant is not exposed to air, the concentration of the solution is maintained between titrations. Each cartridge contains a concentrated sodium hydroxide solution permitting many titrations before replacement. Suggested set up includes the digital titrator and the accessories listed below. The digital titrator comes with a plastic case and five straight delivery tubes. The J-hook delivery tubes are used when a TitraStir® continuous mixer/stand is purchased for easy dispensing.

HACH
Be Right™

Model	Description	Unit	Stock#	PRICE
1690001	Digital titrator w/five delivery tubes	EA	208-3169	$209.52
Accessories				
4157800	90° J-hook delivery tube, 5 /pk	PK	208-3578	$6.85
1437901	1.600N Sodium hydroxide, 13 mL cartridge	EA	208-3379	$22.15
	Phenolphthalein Indicator, 60 mL	BO	131-3060	$7.89
1940000	TitraStir continuous mixer/stand	EA	208-3194	$650.00

Non-Glass Titratable Acidity Tester

Assembled from plastic components, for use where glass is prohibited, this set-up is functionally the same as the 620F-1 tester. A 10 mL self-zeroing buret (accuracy ±0.1 mL) corresponds to the 1% full scale glass buret, therefore each milliliter corresponds to 0.1% titratable acidity. Approximate 1000 mL capacity bottle. Replacement buret kit includes: 10 mL acrylic buret and 5 inches of Tygon® tubing oversleeve.

Description	Unit	Stock#	PRICE
Acidity tester	EA	483-3065	$334.74
Parts & Accessories			
Replacement buret kit	KT	483-3066	$123.08
Buret Hose	FT	681-3110	$3.30
Bulb Hose	FT	189-1040	$0.71
Nalgene Flask	EA	479-3311	$66.22
Rubber Stopper, size 3, two-hole	EA	220-3300	$0.52
Clamp	EA	483-3067	$39.40
Bulb	EA	498-3500	$16.38
Glass piece for hoses	EA	483-3923	$13.50

Prices subject to change.

Kimax® 620F-1 Automatic Titratable Acidity Test

Determine the acidity of dairy products with this complete test kit. Features include:

- Buret has Teflon® stopcock plug, graduated 0 to 1%, in .1 mL (10 mL = 1 %, or 1 mL = 0.1%) reading directly in percentage of acidity.
- Filling tube assembly includes 6 mm glass tubes, flexible tubing and 2-hole #9 rubber stopper.

Kit includes: 1 each of the buret; filling tube assembly (glass tubes and rubber stopper); 100 mL beaker; rubber bulb; reservoir bottle; stirring rod; clamp; and 9 mL pipet.

Mfg Part #	Description	Unit	Stock#	PRICE
620F-1	Titratable acidity test kit	EA	498-3065	$400.59
Replacement Parts				
A620F-1	Buret	EA	498-3070	$139.62
	Filling tube assembly	EA	483-3060	$30.85
27050-2000	Reservoir bottle, 2 L, glass	EA	363-3445	$100.20
15-000-500	Rubber bulb w/tubing	EA	498-3500	$16.38
609-99	Kimble Stirring Rod for Acidity Test, Pink Comparator for Titration End Points	EA	498-3057	$23.14
41500F-2	Stopcock plug	EA	498-3071	$59.03
	Clamp	EA	498-3067	$33.30
Related Accessories				
	Kimble 9 mL cream pipet	EA	498-3050	$13.33
	17.6 mL pipette	EA	498-3100	$16.93
	Sodium hydroxide, 4 x 1 gal ca	CA	131-3081	$26.57
	Sodium hydroxide, 1 L btl	BO	131-3083	$9.90
	Phenolphthalein, 60 mL btl	BO	131-3060	$7.89
	Phenolphthalein, 500 mL btl	BO	131-3070	$15.90
	Phenolphthalein, 500 mL btl, 6 btl/ca	CA	131-3071	$57.37
	Potassium Hydrogen Phthalate 0.1N Standard for NaOH titrations	BO	131-3825	$27.27

Nalgene® 3640 Self-Zeroing Burets

Avoid the hazards of glass near raw materials or food products with this plastic buret. Clear acrylic body with PMP stopcock and 0.1 mL divisions. Individually calibrated to meet the accuracy requirements of ASTM E287. Use for titratable acidity in receiving or processing areas. Includes squeeze bottle filling assembly, 36" of clear plastic tubing and buret cover.

Buret Size	Bottle Size	Unit	Stock#	PRICE
10 mL	500 mL	EA	479-3300	$127.87
25 mL	500 mL	EA	156-3211	$112.49
50 mL	1000 mL	EA	479-3953	$183.53

Call Customer Service at 800-826-8302

BURETS & ACCESSORIES

Kimax® 17027F Manual Titrating Burets

Kimax precision bore Class A glass buret is permanently marked with an individual serial number. Supplied with a Certificate of Graduation Accuracy. Scale is durable white ceramic enamel. Designed from ASTM Specification E287, Class A requirements. KIM-KAP dust cap and PTFE No. 2 stopcock are included.

Size	Division/mL	Unit	Stock#	PRICE
25 mL	.1 ±0.03	EA	156-3197	$248.28
50 mL	.1 ±0.05	EA	156-3198	$256.56
100 mL	.2 ±0.1	EA	156-3199	$284.87

Accessories

Replacement stopcock		EA	498-3071	$59.03

Kimax® 17052F Auto-Refillable Titrating Burets

KIMAX precision bore Class A glass buret is permanently marked with an individual serial number. Supplied with a Certificate of Graduation Accuracy. Filling tube accepts 1/4″ I.D. flexible tubing. 3-way PTFE No. 2 stopcock allows refilling and titrating. KIM-KAP dust cap is included. Scale is durable white enamel. Designed from ASTM Specification E287, Class A requirements.

Size	Division/mL	Unit	Stock#	PRICE
25 mL	.1 ±0.03	EA	156-3204	$190.64
50 mL	.1 ±0.05	EA	156-3205	$198.18

Kimax® 17132F Automatic Micro-Buret with Reservoir

Kimax precision bore buret has a side filling tube with a separate PTFE No. 2 stopcock to control liquid within the permanently attached reservoir, approximately 70 mL in capacity. Scale is durable white ceramic enamel. Calibrated to the accuracy requirements found in ASTM Specification E694.

Size	Division/mL	Unit	Stock#	PRICE
5 mL	.01 ±0.01	EA	156-3194	$410.04

Accessories

Replacement stopcock		EA	498-3071	$59.03

Economy Support Stand

Rust-proof, sturdy and stable polycarbonate base has an 18″ tall, 7.9 mm diameter stainless steel support rod secured to the base. Offset rod mounts to the 20.8 cm diameter base, leaving area for larger vessels. Autoclavable at 121°C. Clamp sold separately.

Unit	Stock#	PRICE
EA	010-3382	$31.15

Scienceware® Single Buret Clamp

Non-corroding, polypropylene buret clamp does not obscure graduations. Buret is held firmly in place by rubber pads and concealed steel spring. Support rod not included.
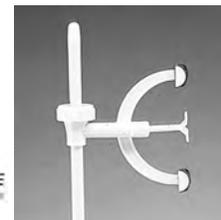
Mfg Part #	Unit	Stock#	PRICE
F18204-0000	EA	010-3204	$14.22

Ring Stand Support

Stamped steel base with black enamel finish. Includes a removable, zinc-plated steel rod.

Base	Size	Height	Unit	Stock#	PRICE
Stamped steel	6" x 9"	24"	EA	155-3671	$35.28

Universal Clamp with Holder

One-piece clamp features vinyl-coated three pronged jaw that opens up to 2-1/4″ wide. Securely holds thermometers, burets and reflux condensers. Includes fiberglass sleeves and clamp holder that can be rotated 360 degrees.

Unit	Stock#	PRICE
EA	700-3020	$44.79

Spring Jawed Buret Clamps

This clamp features plastic covered spring jaws, which accept burets up to 35 mm OD and support rods up to 1/2″ OD.

Description	Unit	Stock#	PRICE
Buret clamp, single	EA	700-3003	$12.78
Buret clamp, double (pictured)	EA	700-3006	$17.17

Buret Clamp

This single buret clamp features one flat and one V-shaped jaw, designed to hold small objects. Jaws open 3/16″ to 1-3/8″ and are vinyl coated. Fits rods up to 5/8″ in diameter.

Unit	Stock#	PRICE
EA	700-3009	$12.01

Prices subject to change.

Titrette® Bottletop Burette

The BrandTech® Titrette bottletop burette is a worthy successor to BrandTech's popular digital Buret™ III, making routine titrations even faster, easier and more accurate. Instrument is well suited for food/beverage analysis, industrial titrations, water treatment applications, general chemistry, and environmental work in the lab or field. The Titrette avoids the risk of spills from poured transfers to glass or plastic burettes, eliminates meniscus reading errors and offers accuracy that satisfies the tolerances for Class A glass burettes. Easy Calibration™ technology simplifies ISO/GLP compliance. The Titrette with optional RS232 interface can upload your results directly into a spreadsheet or LIMS system without transcription error.

- The 25 mL models dispense in increments of .001 mL to 20 mL and .01 mL from 20 to 25 mL.
- The 50 mL models dispense in increments of .002 mL to 20 mL and .01 mL from 20 to 50 mL.

Adjusts easily to a broad range of bottle sizes. Includes performance certificate, telescoping fill tube, recirculation tube, batteries, 3 polypropylene bottle adapters, 2 colored light shield inspection windows, and operating manual. 1-year warranty.

Description	Capacity	Unit	Stock#	PRICE
Burettes				
Titrette standard	25 mL	EA	090-3151	$985.47
Titrette w/RS232	25 mL	EA	090-3251	$1,371.94
Titrette standard	50 mL	EA	090-3611	$985.47
Titrette w/RS232	50 mL	EA	090-3621	$1,371.94
Accessories				
Filling tube, telescoping, 170 - 330 mm		EA	090-3204	$23.62
Filling tube, telescoping, 250 - 480 mm		EA	090-3420	$25.88

LIQUID

1 mL = 1000 µL (microliters)
500 mL = 16.907 fl. oz. (fluid ounces)
1 L = 1,000 mL, 1.057 quart, 0.264 gal.
2.3 L = 2.430 quarts
2.5 L = 2.642 quarts
3.8 L = 4.015 quarts
4 L = 4.227 quarts
20 L = 5.283 gallons
1 fl. oz. = 29.573 mL
1 pint = 473 mL, 0.47 L
1 quart = 32 fl. oz., 946 mL, 0.946 L
1 gallon = 128 fl. oz., 3.785 L

WEIGHT

1 g = 0.035 oz.
100 g = 3.527 oz.
500 g = 17.637 oz., 1.102 lb
1 kg = 2.205 lb.
3 kg = 6.614 lb.
10 kg = 22.046 lb.
1 oz. = 28.350 g
1 lb. = 16 oz., 454 g
5 lb. = 2.268 kg

LENGTH

1 mm = 1,000 microns, .03937 in.
1 cm = 10 mm, 0.3937 in.
1 mil = 0001 in., 0.0254 mm
1 in. = 2.540 cm, 25.4 mm
1 ft. = 0.3048 meter
1 meter = 39.37 in., 3.281 ft.

VOLUME

1 cu. in. = 16.39 cc
1 cc = 0.061 cu. in.
1 cu. ft. = 0.03 cu. meter
1 cu. yd. = 0.76 cu. meter

TEMPERATURE

Celsius = Fahrenheit -32 x 0.556
Fahrenheit = Celsius x 1.8 + 32

Call Customer Service at 800-826-8302

BOTTLETOP DISPENSERS

Brandtech Dispensette® S and Dispensette® S Organic Bottletop Dispensers

With the Dispensette S and Dispensette S Organic bottle-top dispensers, liquids can be dispensed directly from the supply bottle. Continual upgrades makes this the safest and most convenient ever, while retaining the features making the Dispensette the world's favorite bottletop dispenser. The floating piston design of the DispensetteþSþ-forms a zero-wear sealing system with outstanding sliding properties. Optimized flow channels make dispensing and priming even easier – particularly in instruments with large volumes. The Dispensette Sþbottletop dispenser is supplied with: discharge tube, valve mounting/calibration tool, polypropylene adapters, telescoping filling tube, recirculation tube (optional), performance certificate, operating manual, and one year warranty. Available in digital, analog and fixed models. Dispensette S and Dispensette S Organic Models Available. Call your lab product specialist today to determine which model is best for the chemicals you are dispensing.

Dispensette® S Bottletop Dispensers

Mfg Part #	Volume	Increments	Accuracy	Recirculation Valve	Unit	Stock#	PRICE
Dispensette® S, Analog Adjustable							
4600101	0.1-1 mL	0.02 mL	0.60%	Yes	EA	090-3039	$419.83
4600121	0.2-2 mL	0.05 mL	0.50%	Yes	EA	090-3040	$419.83
4600131	0.5-5 mL	0.1 mL	0.50%	Yes	EA	090-3041	$419.83
4600141	1-10 mL	0.2 mL	0.50%	Yes	EA	090-3042	$419.83
4600151	2.5-25 mL	0.5 mL	0.50%	Yes	EA	090-3027	$580.22
4600161	5-50 mL	1.0 mL	0.50%	Yes	EA	090-3028	$594.36
4600171	10-100 mL	1.0 mL	0.50%	Yes	EA	090-3029	$915.14
Dispensette® S, Digital Easy Calibration™							
4600311	0.1-1 mL	0.005 mL	0.60%	Yes	EA	090-3034	$485.87
4600321	0.2-2mL	0.01 mL	0.50%	Yes	EA	090-3035	$485.87
4600331	0.5-5mL	0.02 mL	0.50%	Yes	EA	090-3036	$485.87
4600351	2.5-25 mL	0.1 mL	0.50%	Yes	EA	090-3037	$646.25
4600361	5-50 mL	0.2 mL	0.50%	Yes	EA	090-3038	$655.69
Dispensette® S, Fixed-Volume							
4600211	1 mL	NA	0.60%	Yes	EA	090-3030	$419.83
4600221	2 mL	NA	0.50%	Yes	EA	090-3043	$419.83
4600231	5 mL	NA	0.50%	Yes	EA	090-3031	$419.83
4600241	10 mL	NA	0.50%	Yes	EA	090-4044	$419.83

Dispensette® S Organic Bottletop Dispenser

Mfg Part #	Volume	Increments	Accuracy	Recirculation Valve	Stock#	PRICE
Dispensette® S Organic, Analog Adjustable						
4630131	0.5-5 mL	0.1mL	0.50%	Yes	090-3049	$462.29
4630141	1-10 mL	0.2mL	0.50%	Yes	090-3050	$462.29
4630151	2.5-25 mL	0.5mL	0.50%	Yes	090-3051	$636.82
4630161	5-50 mL	1.0mL	0.50%	Yes	090-3052	$650.97
4630171	10-100 mL	1.0mL	0.50%	Yes	090-3053	$1,004.76
Dispensette® S Organic, Digital Easy Calibration™						
4630331	0.5-5 mL	0.02mL	0.50%	Yes	090-3045	$533.04
4630341	1-10 mL	0.05mL	0.50%	Yes	090-3046	$533.04
4630351	2.5-25 mL	0.1mL	0.50%	Yes	090-3047	$707.57
4630361	5-50 mL	0.2mL	0.50%	Yes	090-3048	$721.73
Dispensette® S Organic, Fixed-Volume						
4630231	5 mL	NA	0.50%	Yes	090-3055	$462.29
4630241	10 mL	NA	0.50%	Yes	090-3056	$462.29

Prices subject to change.

Sapphire Bottletop Dispensers

Save time, increase lab productivity and make chemical handling easier and safer with Sapphire Bottletop Dispensers. This convenient dispenser with its innovative dual valve technology, allows you to simply rinse and refill your bottle without dismounting the dispenser. The functionality allows you to operate in four modes: Dilution, Rinsing, Dual Liquid Handling, and Re-circulation. Fully autoclavable at 121°C, 15 psi for 10-15 minutes. Compatible with most hazardous chemicals. Comes with five bottle adapters and a calibration certificate.

Mfg Part #	Accuracy ± mL	Volume Range	Increment	Unit	Stock#	PRICE
BTSR2.5	± 0.015	0.25-2.5 mL	0.05 mL	EA	700-3410	$474.99
BTSR5	± 0.030	0.5-5 mL	0.1 mL	EA	700-3411	$474.99
BTSR10	± 0.060	1-10 mL	0.2 mL	EA	700-3412	$474.99
BTSR30	± 0.180	2.5-30 mL	0.5 mL	EA	700-3413	$634.99
BTSR60	± 0.360	5-60 mL	1.0 mL	EA	700-3414	$634.99
BTSR100	± 0.600	10-100 mL	2.0 mL	EA	700-3415	$744.99

Brinkmann® ChemSaver™ Bottletop Dispensers

Same features as the basic bottletop dispenser with the added benefit of a recirculating safety valve to reduce waste by channeling reagent back into the bottle during priming.

Capacity	Includes adapters	Unit	Stock#	PRICE
0.1 - 2.5 mL	28, 40, 45 mm	EA	090-3561	$576.24
2 - 10 mL	28, 40, 45 mm	EA	090-3563	$576.24
5 - 25 mL	33, 38, 40 mm	EA	090-3564	$798.46
10 - 50 mL	33, 38, 40 mm	EA	090-3562	$808.08

United Bottletop Dispensers

Economically priced, these bottle top dispensers work perfectly for all your chemical dispensing needs. Made of PTFE and borosilicate glass for maximum chemical resistance, including acids. The dispensers feature a 30 mm thread and come complete with five additional adapters (sizes 28 mm, 32 mm, 36 mm, 40 mm, and 45 mm). They are fully autoclavable and work with most laboratory bottles. Each dispenser is individually calibrated and certified in an ISO 17025 accredited laboratory in accordance with ISO 8655 standards. 1-year warranty.

Capacity	Divisions	Unit	Stock#	PRICE
0.25 to 2.5 mL	0.05 mL	EA	700-3401	$266.43
0.5 to 5 mL	0.1 mL	EA	700-3402	$266.43
1 to 10 mL	0.2 mL	EA	700-3403	$266.43
2.5 to 30 mL	0.5 mL	EA	700-3404	$324.18
5 to 60 mL	1.0 mL	EA	700-3405	$324.18

Call Customer Service at 800-826-8302

SYRINGES

BD Glass Syringe

Graduated in .01 cc, this syringe, with LUER-LOK™ tip, permits accurate measurement of fat decanted for acid degree value titrations. 1 cc capacity.

Unit	Stock#	PRICE
EA	066-3001	$137.91

BD Cornwall™ Syringes

For rapid pipetting of identical volume samples. Create an assembly consisting of a two-piece glass LUER-LOK™ tip syringe; a spring-loaded metal syringe holder; 3-1/2″ cannula; and a loop. For samples from the same source, addition of the filling outfit further speeds the process. Sample volume adjusts from 0 to maximum syringe capacity.

Description	Unit	Stock#	PRICE
Syringes			
Syringe, 2 cc, 0.1 cc division	EA	066-3002	$127.05
Syringe, 5 cc, 0.2 cc division	EA	066-3005	$170.07
Syringe, 10 cc, 0.5 cc division	EA	066-3010	$216.02
Syringe Holder			
Metal holder for 5 cc	EA	066-3022	$850.17
Cannula			
Cannula, 3½", 13 gauge	EA	066-3014	$29.83
Filling Outfit			
Filling outfit two-way valve, tubing and sinker	EA	066-3035	$343.59
Loop			
Inoculating loop, 0.001 mL (1 µl), 1.45 mm ID	EA	155-3370	$200.04
Replacement Parts			
Rubber washers	PK	066-3019	$22.95

Popper 2 mL Pipetting Assembly for Plate Loop Counts

All-in-one pipetting assembly for identical volume samples. It comes with everything you need; 2 mL syringe, syringe holder, filling outfit, cannula, and metal holder. No need to purchase separate items to make your pipetting assembly. The only other item needed is the 0.001 mL inoculating loop (#155-3370).

Description	Unit	Stock#	PRICE
0.1 mL graduations	EA	716-3068	$354.98
0.001 mL inoculating loop	EA	155-3370	$200.04

Prices subject to change.

MICROMAN® Pipette

Fully adjustable, positive-displacement pipette that, together with its replaceable plastic capillary (tip) and piston, will ensure accuracy and precision when pipetting problem liquids and offers full protection against cross contamination. Even accurate with viscous liquids. Ideal for using in conjunction with the Nelson-Jameson M926 Chloride Analyzer for salt analysis.

Mfg Part #	Model	Volume	Pkg	Unit	Stock#	PRICE
F148505	M250	50 - 250 µL		EA	271-3000	$319.75
Capillary & Pistons for MICROMAN						
F148114		50 - 250 µL	200/bx	BX	271-3001	$68.00
F148014		50 - 250 µL	960/bx (10 racks of 96)	BX	271-3002	$340.00
F148014	Rack only	50 - 250 µL	96/rack	RA	271-3003	$38.84

Li'lpet Mini Pipettors

Reach a higher level of accuracy with our Li'lpet Mini Pipettors. These mini pipettors include a two-step plunger that facilitates super blow-out from the tip (last drop dispensing). This allows the Li'lpet to be used for reverse pipetting and repetitive pipetting. All pipettes are 125 mm in length. Autoclavable. Each pipettor is individually calibrated per DIN 12650 standards.

Description	Unit	Stock#	PRICE
10 µL	EA	700-3200	$22.30
20 µL	EA	700-3120	$22.30
25 µL	EA	700-3125	$22.30
50 µL	EA	700-3450	$22.30
100 µL	EA	700-3210	$22.30
200 µL	EA	700-3220	$24.83
500 µL	EA	700-3250	$24.83
1000 µL	EA	700-3103	$24.83

Variable Volume Autoclavable Micropipettes

Featuring autoclavable tipcones and built-in tip ejectors. Easy to calibrate, maintain and easy to disassemble for autoclaving. Pipettes are calibrated according to ISO 8655 standards. A calibration certificate is provided with each pipette.

Description	Unit	Stock#	PRICE
10-100 µL	EA	700-3711	$119.50
20-200 µL	EA	700-3712	$119.50
0.5-5 mL	EA	700-3713	$119.50
100-1000 µL	EA	700-3710	$119.50

Replacement Pipet Tips

Assure optimal compatibility with the above variable volume micropipettes. Other sizes available by special order.

Description	Color	Pkg	Unit	Stock#	PRICE
2-200 µL	Yellow	1000/pk	PK	700-3102	$14.10
200-1000 µL	Blue	1000/pk	PK	700-3110	$22.84
100-1250 µL	Clear	96/ra	RA	701-3400	$11.81
5 mL	Clear	500/pk	PK	700-3105	$45.92

Call Customer Service at 800-826-8302

PIPETTORS & TIPS

Eppendorf® Research® plus Pipettes

The most advanced and ergonomic pipette from Eppendorf. The pipette has been designed from the ground up to be the lightest and most ergonomic pipette while still maintaining performance and robustness. The ultra light Eppendorf Research plus Pipette meets the highest needs in precision and accuracy - combined with ultimate ergonomics and increased flexibility. Features include easy volume adjustment, color control button, ergonomically placed ejector button, 4 digit volume display, secondary adjustment display, Eppendorf PerfectPiston™ system, and spring loaded tip cone. Autoclavable. Single-channel. 8 and 12-channel options also available. 3-year warranty.

Mfg Part #	Volume Range	Control Button Color	Unit	Stock#	PRICE
Adjustable Volume					
3120000038	2-20 µL	Yellow	EA	090-3331	$376.00
3120000046	10-100 µL	Yellow	EA	090-3332	$375.99
3120000054	20-200 µL	Yellow	EA	090-3312	$375.99
3120000062	100-1,000 µL	Blue	EA	090-3334	$375.99
3120000070	0.5-5 mL	Violet	EA	090-3513	$375.99
3120000089	1-10 mL	Turquoise	EA	090-3335	$375.99
Fixed Volume					
3121000023	10 µL	Yellow	EA	090-3340	$258.99
3121000040	20 µL	Yellow	EA	090-3341	$258.99
3121000058	25 µL	Yellow	EA	090-3342	$258.99
3121000066	50 µL	Yellow	EA	090-3343	$258.99
3121000074	100 µL	Yellow	EA	090-3344	$258.99
3121000082	200 µL	Yellow	EA	090-3345	$258.99
3121000104	250 µL	Blue	EA	090-3346	$258.99
3121000112	500 µL	Blue	EA	090-3347	$258.99
3121000120	1000 µL	Blue	EA	090-3348	$258.99

Eppendorf® Reference® Pipettes

Synonymous with pipetting accuracy, a smooth stroke, a compact and robust design, and superior operating comfort. One multifunctional button operates measuring stroke and blowout as well as ejects the tip. Features include: fully autoclavable, one-button operation for aspiration, dispensing, and tip ejection, reduced risk of aerosol contamination, volume setting automatically locks, chemically resistant, single-handed operation, and four-digit display. 3-year warranty.

Mfg Part #	Volume Range	Dispensing Button Color	Unit	Stock#	PRICE
Adjustable Volume					
4920000040	2-20 µL	Yellow	EA	090-3110	$439.99
4920000059	10-100 µL	Yellow	EA	090-3111	$439.99
4920000067	50-200 µL	Yellow	EA	090-3112	$439.99
4920000083	100-1000 µL	Blue	EA	090-3113	$439.99
4920000091	500-2500 µL	Red	EA	090-3114	$439.99
Fixed Volume					
4921000052	10 µL	Yellow	EA	090-3015	$330.99
4921000079	20 µL	Yellow	EA	090-3093	$330.99
4921000087	25 µL	Yellow	EA	090-3094	$330.99
4921000095	50 µL	Yellow	EA	090-3054	$330.99
4921000109	100 µL	Yellow	EA	090-3095	$330.99
4921000125	200 µL	Blue	EA	090-3511	$330.99
4921000133	250 µL	Blue	EA	090-7000	$330.99
4921000141	500 µL	Blue	EA	090-3528	$330.99
4921000150	1000 µL	Blue	EA	090-3150	$330.99
4921000168	2000 µL	Red	EA	090-3529	$330.99
4921000176	2500 µL	Red	EA	090-3097	$330.99

Eppendorf® Repeater® M4

The Repeater M4 makes performing long pipetting series easier and faster. Works with nine sizes of Eppendorf Combitips Advanced®. A built-in sensor detects the Combitips automatically, showing the tip volume on an easy-to-read display and eliminating the need for manual volume calculations. In addition, the new central Combitip ejector supports one-handed operation for contact-free tip ejection that avoids any risk of contamination. The aspirated liquid can be dispensed up to 100 times without refilling the tip. Volumes are dispensed using the positive displacement principle so even liquids that are difficult to pipette are no match for the Repeater M4. Dispenses volumes of 1 µL to 10 mL. Includes wall mount and Combitips advanced assortment pack. 3-year warranty.

Mfg Part #	Description	Unit	Stock#	PRICE
4982000322	Repeater M4	EA	090-3999	$580.99

Pipet Tips found on page 698...

Prices subject to change.

3M™ Electronic Pipettors II

Efficiency, versatility, and precision are combined into one simple, yet sophisticated tool with these new, improved pipettors. Pre-programmed to perform the most common dilutions and provide high accuracy and precision handling for micro-volumes of liquids. Self-calibrating, microprocessor-based system reduces the possibility of human error and instrument contamination by controlling pipetting speed, calibration, and volume selection. Helps reduce the risk of repetitive strain injuries that are frequent with manual pipetting. Has over 1000 cycles when fully charged.

Mfg Part #	Description	Unit	Stock#	PRICE
6502	3M Electronic Pipettor, 1 mL	EA	460-3502	$604.21
6503	3M Electronic Pipettor, 5 mL	EA	460-3503	$604.21
Replacement Parts & Accessories				
78007005594	Ceramic filter, 50/pk	PK	460-3070	$10.50
78007005081	Battery	EA	460-3081	$52.01
78007005446	Autoclavable grease	EA	460-3544	$22.59

3M™ Electronic Pipettor Tips
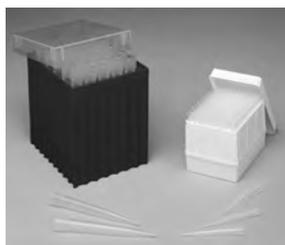
For use with 3M Electronic Pipettors. Wide bore for easy pipetting. Available in bulk or convenient racks.

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
Tips, 1 mL					
6484	Bulk	1000/bx	BX	460-3484	$33.63
6485	Racked	960/bx	BX	460-3485	$50.44
6486	Racked, pre-sterilized	960/bx	BX	460-3486	$56.74
Tips, 5 mL					
6487	Bulk	250/bx	BX	460-3487	$28.37
6488	Racked	500/ca	BX	460-3488	$86.17
6489	Racked, pre-sterilized	500/bx	BX	460-3489	$105.08

BrandTech® Transferpette® Electronic Pipette

Combines the innovation of the Transferpette with the convenience and automation of motorized, electronic pipettes. The BrandTech Transferpette electronic pipette is an accurate, ergonomic instrument for use in most laboratory applications. Single and multi-channel (for microwell pipetting) models are available in five volume ranges and feature an autoclavable pipette shaft or manifold. AC charger included. 1-year warranty.

Description	Unit	Stock#	PRICE
Single channel, 100 - 1000 µL	EA	090-3330	$490.33

Call Customer Service at 800-826-8302

PIPET TIPS

Pipet Tips

Unracked - Non-Sterile

All pipet tips are autoclavable and non-sterile.

Recommended For	Pkg	Unit	Stock#	PRICE
0.5-200 µL, Yellow				
Universal	1000/bg	BG	701-3200	$21.22
1-200 µL, Yellow				
Eppendorf	200/bg	BG	498-3954	$6.43
Eppendorf	1000/pk	PK	498-3964	$21.20
2-200 µL, Yellow				
Eppendorf	500/bg	BG	090-3203	$28.75
1-300 µL, Clear				
Universal	1000/bg	BG	634-3000	$19.98
50-1000 µL, Blue				
Eppendorf	1000/ca	CA	090-3205	$62.50
101-1000 µL, Blue				
Eppendorf	100/bg	BG	498-3952	$7.21
Eppendorf, Oxford	1000/bg	BG	634-3114	$21.50
Eppendorf (use w/rack for 634-3115)	1000/bg	BG	634-3751	$23.11
Eppendorf, graduated @ 250, 500, 750 & 1000 µl	1000/bg	BG	634-3351	$20.83
Multifit, Universal - Beveled Tip	1000/bg	BG	716-3994	$46.78
500-2500 µL, Clear				
Eppendorf	100/bg	BG	090-3207	$14.40
100-5000 µL, Clear				
Eppendorf	100/bg	BG	090-3208	$20.00

Pipet Tips

Open Rack - Non-Sterile

All pipet tips are autoclavable (#634-3115 rack will also hold #634-3114 bulk packaged tips). All pipet tips are non-sterile.

Recommended For	Pkg	Unit	Stock#	PRICE
1-200µL, Yellow				
Universal (low binding)	96/rk 10 rk/pk	PK	701-3999	$44.28
Eppendorf	200/rk	RA	498-3955	$7.71
Eppendorf	200/rk 5 rk/pk	PK	498-3965	$28.09
101-1000µL, Blue				
Eppendorf	200/rk, 5 rk/ca	CA	634-3115	$34.10
Universal	100/rk, 10 rk/pk	PK	155-3608	$99.91
201-1000µL, Clear				
MLA	200/tray, 3 tray/pk	PK	220-3351	$53.47
MLA	200/rk, 5 rk/pk	PK	*34-3565	33.83
201-1000µL, Blue				
Universal	100/rk, 10 rk/bx	BX	701-3046	$42.28

Pipet Tips

Maxi - Non-Sterile

All pipet tips are autoclavable and non-sterile.

Recommended For	Pkg	Unit	Stock#	PRICE
1-5 mL, Natural				
MLA	100/pk	PK	&20-3048	34.19
MLA, Oxford, Pipetman	250/pk	PK	220-3395	$56.73

Prices subject to change.

Pipet Tips

Covered Rack

All pipet tips are autoclavable (#090-3249 rack will also hold #090-3205 bulk packaged pipet tips).

Recommended For	Description	Pkg	Unit	Stock#	PRICE
1-200 µL, Yellow					
Eppendorf	1-200 µL, Yellow	96/rk, 10 rk/ca	CA	634-3507	$34.19
Universal, sterile	1-200 µL, Yellow	96/rk, 10 rk/ca	CA	634-3200	$45.79
Universal fit, filtered, sterile	1-100 µL, Clear	96/rk, 10 rk/ca	CA	634-3503	$75.00
2-100 µL, Yellow					
Eppendorf, dual filter, low retention, PCR clean, sterile	2-100 µL, Yellow	96/rk, 10 rk/ca	CA	090-3333	$169.00
2-200 µL, Clear					
Eppendorf, sterile	2-200 µL, Clear	96/rk, 5 rk/ca	CA	090-3210	$95.00
50-1000 µL, Blue					
Eppendorf	50-1000 µL, Blue	96/rk, 10 rk/ca	CA	090-3211	$94.00
Eppendorf, sterile	50-1000 µL, Blue	96/rk, 5 rk/ca	RA	090-3249	$20.40
Eppendorf, filter, sterile	50-1000 µL, Blue	96/rk, 10 rk/ca	CA	090-3325	$164.50
101-1000 µL, Blue					
Eppendorf, Oxford	101-1000 µL, Blue	100/rk, 10 rk/ca	CA	634-3512	$43.42
101-1000 µL, Clear					
Universal Fit, Sterile (graduated)	101-1000 µL, Clear	100/rk, 10 rk/ca	CA	634-3515	$63.02
101-1000 µL, Extra-Long, Clear, Filtered					
Pipetman, Oxford, Eppendorf, Fimpipette, Biohit Prolilne, sterile	101-1000 µL, Extra-Long, Clear	100/rk, 10 rk/bx	BX	701-3270	$140.22
201-1000 µL, Blue					
Eppendorf, Pipetman, sterile	201-1000 µL, Blue	100/rk, 10 rk/bx	BX	701-3047	$64.58
201-1000 µL, Clear					
Universal, sterile	100-1250 µL, Clear	96/rk, 10 rk/ca	RA	701-3400	$11.81
500-2500 µL, Blue					
Eppendorf	500-2500 µL, Blue	48/rk, 5 rk/pk	CA	090-3197	$51.00
Universal, filtered, sterile	1000 µL, Clear	100/rk, 10 rk/ca	CA	498-3960	$77.96

Aerosol Filter Pipet Tips

These tips offer protection of pipettors especially in PCR applications. Tips include an endotoxin-free micro porous hydrophobic filter that is proven to block aerosol contamination. Tips and the polypropylene hinged racks are sterilized via gamma irradiation. Each lot is tested and certified free of RNase, DNase and endotoxins. For molecular-biological requirements, Eppendorf offers a new standard for uniform purity specifications. All tips below that are marked with PCR clean in the label in the label are guaranteed free of human DNA, DNase, RNase, and PCR inhibitors.

Description	Pkg	Recommended For	Unit	Stock#	PRICE
1-50 µL, Sterile	96/rk, 10 rk/pk		PK	716-3123	$135.84
20-300 µL, Orange	96/rk, 10 rk/pk	Eppendorf, dual Filter, LoRetention, PCR Clean/Sterile	CA	090-3131	$181.00
2-200 µL, Yellow	96/rk, 10 rk/pk	Eppendorf, dual Filter, PCR Clean/Sterile	CA	090-3296	$159.50
2-100 µL, Yellow	96/rk, 10 rk/pk	Eppendorf, dual filter, PCR Clean	CA	090-3333	$169.00

Call Customer Service at 800-826-8302

PIPET CONTROLLERS & FILLERS

accu-jet® Pro Pipette Controller

Easily control pipetting speed via button pressure with this lightweight, motorized controller that sets the standard for convenience in liquid transfer. Equipped with a mode switch that allows users to select either powered dispensing or gravity delivery. Easy storage with supplied wall support.

Accepts 0.1-200 mL volumetric/serological pipets. Speed limiter thumbwheel helps prevent over-aspiration with small volume pipets. Dark blue. Other colors available by special order.

- Autoclavable with filter for sterile applications.
- UV-resistant for use in sterile hoods.
- Ergonomic design.
- No memory effect.
- Corrosion-resistant.
- 120V, 60Hz.

Includes: one wall support, two membrane filters, dual-mode charger, and operating manual.

Description	Unit	Stock#	PRICE
accu-jet Pro	EA	090-3650	$391.29
Accessories			
Non-sterile filters, 10/bg	BG	090-3653	$97.52

BrandTech® macro™ Pipette Controller

An ergonomic alternative to rubber pipette bulbs and other manual aspiration devices, the macro pipette controller provides precise one-finger meniscus control. Membrane filter (included) reduces cross-contamination. An excellent tool for pipetting. Accommodates pipets from 0.1 to 200 mL. Fully autoclavable.

Description	Unit	Stock#	PRICE
Gray	EA	090-3001	$89.73
Magenta	EA	090-3018	$89.73
Blue	EA	090-3017	$89.73
Green	EA	090-3020	$89.73
Replacement Parts			
Filter, 3 µm, 10/pk	PK	090-3002	$79.37
Silicone adapter	EA	090-3003	$9.52
Silicone suction bellow w/locking PP ring	EA	090-3025	$35.14
Valve system	EA	090-3005	$38.54

Rota-Filler™ 1000

This manual pipette filler is uniquely designed for one-handed operation. Simply squeeze the main bulb and push the toggle forward to aspirate or back to dispense. Push the blow-out bulb to expel any liquid remaining in the pipette. The Rota-Filler 1000 accommodates graduated or volumetric pipettes (glass or plastic) and can be used with volumes ranging from 1 mL to 100 mL. Suitable for use in extreme temperatures such as cold or hot environments that can damage expensive mechanical pipettors. Pipettor includes hydrophobic .45 um filter and magnetic holder for metal surface mount or wall mount. Polypropylene nozzle is autoclavable. Overall dimensions are 7″ x 1.75″ x 4.75″.

Description	Unit	Stock#	PRICE
RF1000 w/magnetic holder	EA	320-3000	$44.72
Replacement Parts			
Filters, 5/pk	PK	320-3007	$24.50
Adapter	EA	320-3008	$15.67

Eppendorf® Pipet Helper®

The Eppendorf Pipet Helper offers safer, more convenient filling and dispensing for glass and plastic pipets. Apply vacuum with an easy-pull slide lever. One-handed control of aspiration, dispensing and vacuum saves time and leaves the other hand free to manipulate samples. Holds 0.1 to 100 mL pipets. Filter and pipet connector are autoclavable for decontamination. Does not require squeezing a bulb for vacuum. Easily disassembled for maintenance and cleaning.

Description	Unit	Stock#	PRICE
Pipet helper w/filter disk	EA	090-3503	$84.20
Replacement Parts			
Filter, 3 µm, 10/pk	PK	090-3504	$71.90
Silicone adapter	EA	090-3505	$21.85

Scienceware® Pipet Pump™

For filling or dispensing. Rotate knob forward to slowly fill, backward to slowly dispense. On Fast Release pipet pump, depress side bar to quickly empty. On Standard pipet pump, empty rapidly by depressing plunger. Flexible rubber chuck accommodates a range of pipet sizes.

Color	For Pipettes Up To	Unit	Stock#	PRICE
Fast Release (shown)				
Blue	2 mL	EA	010-3020	$23.72
Green	10 mL	EA	010-3021	$23.71
Red	25 mL	EA	010-3022	$31.55
Standard				
Blue	2 mL	EA	155-3623	$21.92
Green	10 mL	EA	155-3624	$22.90
Red	25 mL	EA	155-3625	$31.55

Prices subject to change.

Pipet Filler Bulbs

Fits all standard pipets. One-hand operation.

Connection Type	Unit	Stock#	PRICE
Blue filler bulb w/valve	EA	153-3000	$13.00
Green filler bulb w/valve	EA	153-3004	$14.40
Multi-colored filler bulb w/valve	EA	153-3001	$17.75
Safety bulb pipet filler w/elastic band	EA	320-3623	$14.70

Kimax® 37002 Volumetric Pipets - Class A

Glass pipets conform to ASTM E969, Class A, unserialized requirements. Color-coded by size. 12/case.

Capacity	Accuracy	Color	Unit	Pkg	Stock#	PRICE
0.5 mL	±0.006	Black	CA	6/ca	360-3054	$71.48
1 mL	±0.006	Blue	CA	6/ca	363-3059	$72.94
2 mL	±0.006	Orange	CA	6/ca	363-3053	$72.94
5 mL	±0.01	White	CA	6/ca	363-3077	$72.94
10 mL	±0.02	Red	EA	1/ea	363-3006	$13.33
20 mL	±0.03	Yellow	EA	1/ea	363-3008	$19.80
25 mL	±0.03	Blue	EA	1/ea	363-3009	$21.17
50 mL	±0.05	Red	EA	1/ea	363-3010	$26.02

Forcoven Curved Liquid Weighing Pipets
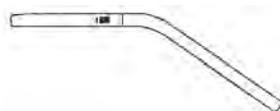
Made of borosilicate glass. Use for weighing liquid samples prior to fat extractions.

Capacity	Unit	Stock#	PRICE
1 g	EA	156-3708	$10.52
2 g	EA	156-3709	$11.58
5 g	EA	156-3710	$11.58
10 g	EA	156-3711	$12.63

Kimax® Dairy Pipets

Glass pipets designed to comply with Fed. Spec. DD-P-371. Designed to fit Kimble Babcock bottles. 12/case.

Capacity	Description	Unit	Stock#	PRICE
9 mL	Cream pipet, calibrated to deliver	EA	498-3050	$13.33
17.6 mL	Milk pipet, calibrated to contain	EA	498-3100	$16.93

Kimax® 3010 GERBER Milk Test Pipet

Glass pipets calibrated to deliver 11 mL of milk with accuracy of ±0.05. Pipet scale is printed in permanent brown ink. Designed from ASTM specification E1043, type VI requirements, to comply with APHA. 12/case.

Unit	Stock#	PRICE
EA	363-3050	$21.57

Call Customer Service at 800-826-8302

PIPETS & BRUSHES

Forcoven Dairy Pipets

Borosilicate glass. Designed to fit Forcoven Babcock bottles. Acid-etched markings. 12/case.

Capacity	Description	Unit	Stock#	PRICE
9 mL	Cream pipet, calibrated to deliver	EA	156-3712	$11.67
9 mL	Skim pipet, calibrated to contain	EA	156-3713	$11.67
17.6 mL	Milk pipet (sealed #5), calibrated to contain	EA	156-3714	$12.19

Pipet Brushes

White polyester fibers clean barrel, chamber and tip in one easy operation. Use with Kimble & Forcoven 9 mL and 17.6 mL pipets. 16"L.

Unit	Stock#	PRICE
EA	420-2170	$1.77

Kimax® 37079 Glass Bacteriological Pipets

Calibrated to deliver undiluted milk with blow out of small amount remaining in tip; diluted milk without blow out. Tempered tip. Permanent markings. Meets APHA standards. 12/case.

Capacity	Calibration Lines @ mL	Accuracy	Unit	Stock#	PRICE
1.1 mL	1.1, 1.0, 0.5	±0.025 mL	EA	498-3107	$8.09
2.2 mL	2.2, 2.1, 2.0, 1.0	±0.04 mL	EA	498-3104	$9.29
10 mL	10	±0.10 mL	EA	363-3064	$14.83

Plastic Disposable Bacteriological Pipets

Eliminate mouthpiece and tip breakage with the innovative one-piece construction of these pipets. They are gamma sterilized, have high-quality print legibility, and have contamination-free color-coded cotton plugs. Meet APHA standards, as specified in "Standard Methods for the Examination of Dairy Products."

Capacity	Calibration Lines @ mL	Pkg	Unit	Stock#	PRICE
Bulk Pack					
1.1 mL	0.5, 1.0, 1.1	1000/ca	CA	498-3106	$158.77
2.2 mL	2.2, 2.1, 2.0, 1.0	1000/ca	CA	363-3212	$107.58
Individually Wrapped					
1.1 mL	0.5, 1.0, 1.1	500/ca	CA	363-3110	$92.62
2.2 mL	2.2, 2.1, 1.0, 0.5	500/ca	CA	363-3210	$62.45

Kimax® 37034A Serological Glass Pipets

With graduations to the tip, these serological glass pipets have permanently marked bands near the top end to indicate that the small amount remaining in the tip after free delivery has ceased must be blown out to obtain total rated capacity. Color-coded for ease in sorting and selecting the correct size. 12/case.

Color	Capacity	Subdivisions	Accuracy	Unit	Stock#	PRICE
Yellow	1 mL	0.01 mL	±0.02	EA	%56-3762	10.28
Blue	5 mL	0.10 mL	±0.04	CA	363-3058	$133.42
Orange	10 mL	0.10 mL	±0.06	EA	%56-3764	12.69

Prices subject to change.

Kimax® 72100 Glass Disposable Serological Pipets

Bulk pack. Pipets are clean, plugged, sterile and ready for use. Calibrated with two rings near top denoting that small amount remaining in tip after free delivery has ceased must be blown out and added to main volume delivered. Size 1 and 2 mL are packaged 25 pieces in a sterile reclosable bag, sizes 5 and 10 mL are 10 per bag, and overpacked in convenient shelf packs. Not for undiluted milk. 250/pack.

Capacity	Subdivisions	Negative Graduations	Accuracy	Unit	Stock#	PRICE
1 mL	0.1 mL	0.2	±0.02	PK	363-3036	$61.62
1 mL	0.01 mL	0.2	±0.02	PK	363-3037	$62.30
2 mL	0.01 mL	0.2	±0.04	PK	363-3038	$70.33
5 mL	0.1 mL	1	±0.15	PK	363-3039	$76.01
10 mL	0.1 mL	2	±0.30	PK	363-3040	$133.04

Kimax® 72105 Glass Disposable Serological Pipets

Glass pipets are clean, plugged, sterile, and ready for use with a uniform pulled tip. Provided with negative graduations to increase the versatility of the pipet. Made from borosilicate glass in compliance with ASTM specifications. Individually wrapped.

Capacity	Subdivisions	Negative Graduations	Accuracy	Pkg	Unit	Stock#	PRICE
1 mL	0.01 mL	0.2±0.02	±0.02	1000/ca	CA	156-3751	$273.86
10 mL	0.1 mL	2.5 mL	±.03	500/ca	CA	363-3102	$195.82

Disposable Serological Plastic Pipet, Wide Tip

Bulk packed. Plugged pipets packaged in sterile reclosable bags. Has a large tip opening of approximately 3.5 mm, for use with viscous liquids and suspensions. 25/bag; 16 bags/case.

Capacity	Calibration Lines @ mL	Accuracy	Unit	Stock#	PRICE
10 mL	0.1	±0.20	CA	363-3065	$106.53

Kimax® 37034B Serological Pipet, Glass, Wide Tip

Calibrated to deliver to the tip. Color-coded ring on top of pipet for easy sorting and identification. Reusable. Glass.

Capacity	Color	Subdivisions	Pkg	Unit	Stock#	PRICE
10 mL	Orange	0.1 mL	12/ca	EA	98-3049	16.87
25 mL	White	0.1 mL	6/ca	EA	363-3051	$25.42

Argos Plastic Disposable Serological Pipets

Bulk pack. Plugged, color-coded, sterile pipets packaged in sterile reclosable bags containing 25 pieces per bag, except for #363-3250 which has 10 pieces per bag. Sold by full case only. All non-pyrogenic.

Capacity	Subdivisions	Negative Graduations	Accuracy	Color	Packaging	Unit	Stock#	PRICE
1 mL	0.1 mL	0.1	±0.02	Red	1000/ca	CA	498-3109	$156.39
1 mL	0.01 mL	0.01	±0.02	Yellow	1000/ca	CA	363-3041	$144.01
2 mL	0.01 mL	0.01	±0.04	White	1000/ca	CA	363-3200	$168.22
5 mL	0.1 mL	0.1	±0.10	Blue	500/ca	CA	363-3061	$118.99
10 mL	0.1 mL	0.1	±0.20	Orange	400/ca	CA	363-3062	$111.55
25 mL	0.2 mL	0.2	±0.50	Green	150/ca	CA	363-3250	$99.19
50 mL	0.5 mL	0.5	±1.0	Purple	100/ca	CA	363-3350	$166.75

Call Customer Service at 800-826-8302

PIPETS

Argos Plastic Disposable Serological Pipets

Individually wrapped, sterile, plugged, color-coded serological pipets have reverse graduations. The fiber-free paper wrap ensures a quick peel apart opening. Sold by the case. All non-pyrogenic.

Capacity	Subdivisions	Negative Graduations	Color	Pkg	Unit	Stock#	PRICE
1 mL	0.01 mL	0.01	Red	500/ca	CA	363-3111	$83.99
1 mL	0.1 mL	0.1	Yellow	500/ca	CA	363-3770	$91.83
2 mL	0.01 mL	0.01	White	500/ca	CA	156-3772	$88.67
5 mL	0.1 mL	0.1	Blue	200/ca	CA	156-3773	$54.57
10 mL	0.1 mL	0.1	Orange	200/ca	CA	156-3774	$63.03
25 mL	0.2 mL	0.2	Green	150/ca	CA	156-3775	$118.96
50 mL	0.5 mL	0.5	Purple	100/ca	CA	363-3550	$173.16

Argos Plastic Disposable Serological Pipets-Open and Wide Tip

One-piece construction eliminates mouthpiece and tip breakage. Sterile, disposable pipets feature wider tip openings, necessary for samples which are viscous or contain particulate matter such as whey concentrates or meat slurries. The pipets have negative graduations that measure past the stated capacity. Reverse graduations make reading the amount of liquid removed or amount remaining easy. 0.1 mL subdivisions on all pipets. Bulk packs made up of inner packs of 25 pipets/bag.

Capacity	Tip Opening	Pkg	Unit	Stock#	PRICE
Individually Wrapped					
1 mL	Open	500/ca	CA	363-3715	$113.19
10 mL	Open	200/ca	CA	363-3711	$87.70
Bulk Pack					
10 mL	Wide	400/ca	CA	363-3065	$106.53

Argos Shorty Pipets

The ideal solution when you need a shorter pipet for applications like testing under fume hoods. The pipets are only 9 inches long, which saves you 4 inches from standard pipets. Made of polystyrene, gamma sterilized and pyrogen free. Easy-to-read graduations. Unique filter plug stays in place and eliminates lint fibers. Color-coded rings make for easy identification. Fiber-free paper wrap ensures quick peel-apart opening of your pipet.

Size	Ring Color	Pkg	Unit	Stock#	PRICE
5 x 0.1 mL	Blue	200/ca	CA	156-3700	$74.20
10 x 0.2 mL	Orange	150/ca	CA	156-3210	$56.73
25 x 0.5 mL	Green	100/ca	CA	156-3325	93.84

Kimax® 37020 Mohr Measuring Pipets

Glass pipets that are ruggedly constructed for general laboratory work. Color-coded rings on top of the pipets. All sizes except 50 mL have fine tempered tips. The scale is permanent brown stain fused into uniform bore tubing without etching.

Capacity	Color	Subdivisions	Accuracy	Pkg	Unit	Stock#	PRICE
1 mL	Red	0.1 mL	±0.02	12/ca	CA	363-3021	$132.84
1 mL	Yellow	0.01 mL	±0.02	12/ca	CA	363-3022	$132.96
2 mL	Green	0.1 mL	±0.02	12/ca	CA	363-3023	$143.42
5 mL	Blue	0.1 mL	±0.04	1/ea	EA	363-3024	$11.96
10 mL	Orange	0.1 mL	±0.06	1/ea	EA	363-3025	$13.79
25 mL	White	0.1 mL	±0.10	1/ea	EA	363-3026	18.60
50 mL	Clear	0.2 mL	±0.16	1/ea	EA	363-3027	$44.19

Prices subject to change.

NASCO Pipet Sleeve

Prevent solids from plugging the tip of pipet when sampling liquids that may contain solid particles. Half of the sleeve is made of the same filter material that is used in the Whirl-Pak® filter bags and the other half is solid 3.0 mil polyethylene. The pipet slides into the sterile sleeve and is inserted into the liquid to be tested. The liquid passes through the filter, but not the solids. The sleeve is sized to hold up to a 10 mL pipet. 25/resealable package. 500 sleeves/box.

Mfg Part #	Pkg	Unit	Stock#	PRICE
B041523WA	25/pk, 20pk/bx	BX	486-3523	$83.40

ARGOS Pipet Rack

Prevent damage to pipets and minimize clutter with this space saving rack. Five angled compartments house glass or plastic pipettes from 1 to 100 mL. Two slots on the top of the rack are designed to house pipet controllers. Heavy-duty blue tinted acrylic provides for great pipette visibility.

Mfg Part #	Dimensions	Unit	Stock#	PRICE
AR5000	11.5" x 3.5" x 15.5"	EA	363-3800	$69.93

Stainless Steel Pipet Boxes

Holds pipets during autoclaving and storage. Choice of round or square. Telescoping top on each.

Description	Size	Unit	Stock#	PRICE
Square	2" x 2" x 16.5"	EA	155-3610	$105.69
Round	2.5" x 16.5"	EA	155-3609	$91.39

Nalgene® 5250 Pipet Washer-Rinser

Avoid problems related to disposal of single use pipets, save money by reusing glassware, and increase accuracy by purchasing high quality precision products. A well organized pipet washing system with the right components will give you those advantages without significant increases in labor costs.

Pipet jars of high density polyethylene are ideal for soaking pipets. Soaking instructions and formula are shown on the label. After soaking, place pipets into pipet basket which holds pipets securely as they are cleaned in the washer-rinser. Polyethylene perforated screen baskets cushion pipets and allow for complete drainage. The one-piece, leakproof, polyethylene washer-rinser has a wide range of cycling speeds. Operates with water pressure from 1-1/2 to 12 liters per minute. Complete with inlet and outlet tubing, ready for immediate installation. Set includes pipet jar, basket, and washer for 24" pipet sizes. Baskets and jars are also sold separately. Alcotab™ detergent recommended.

Description	Size	Unit	Stock#	PRICE
Set for 16" pipets	30½"H	ST	479-3305	$784.82
Set for 24" pipets	38"H	ST	155-3630	$1,002.47

Call Customer Service at 800-826-8302

TRANSFER PIPETS

SAMCO® Transfer Pipets

SAMCO Transfer Pipets are an excellent choice for improved safety and disposable convenience for food processing labs. The single unit design features a built-in pipet bulb that eliminates time-consuming plugging, packaging and autoclaving while preventing cross contamination. Made from shatterproof, low density polyethylene which is non-toxic and inert.

Here are examples of some of the many applications for these economical, versatile laboratory tools:

- Gently feed a Sedi-Pet® tube into the fill hole of a crystalized electrode; withdraw spent solution or flush and agitate to remove crystals by repeatedly squeezing bulb.
- Use Fine Tipped Pipets to carefully and accurately weigh liquid concentrates for moisture testing; the 20 microliter drop size will help prevent overshoot of target weights.
- Accurately transfer small volumes of liquid (to 20 microliters) using Fine Tip Transfer Pipets; useful for ELISA substrate blending.
- Conveniently store practical quantities of frozen or refrigerated standards; draw positive control up into Sedi-Pet® bulb, clip, seal tube with portable sealing tool, and freeze; to use, thaw, clip above seal, and dispense.
- Apply sample to slides for staining using the Padl-Pet® pipet; just the right size drop is delivered each time; then use the paddle end of the pipet to spread evenly over the slide for fixing. Excellent accessory for gram stains.
- Use narrow stem sterile Sedi-Pet® to take environmental samples of standing water in hard-to-reach places; thread tip through drain or crevice, draw up sample, seal, label, and send to microlab.
- SAMCO® pipets should be used instead of needles and syringes wherever possible; they can be incinerated and will not tear or puncture disposal bags.

Call us for detailed literature and samples.

General Purpose Pipets

Excellent for routine transferring and sampling. #577-3302 are individually wrapped for sterile procedures.

Length	Capacity	Drops/mL	Pkg	Unit	Stock#	PRICE
8.7 cm	1.7 mL	25	500/pk	PK	577-3309	$22.18
12.9 cm	4 mL	25	400/pk	PK	577-3310	$21.38
15.0 cm	7.7 mL	22	500/pk	PK	577-3301	$22.68
15.0 cm	7.7 mL	22	500/pk	PK	577-3302	$54.49
15.0 cm	8 mL	22	400/pk	PK	577-3304	$20.87

Graduated Pipets

Appropriate for more accurate volume measurements. 500 each/pack.

Length	Capacity	Drops/mL	Max. Grad.	Grad. Intvl.	Packaging	Unit	Stock#	PRICE
Bulk Packaged								
13.8 cm	3 mL	25	1.0	0.25 mL	Bulk	PK	577-3314	$21.32
15.0 cm	5 mL	25	1.0	0.25 mL	Bulk	PK	577-3315	$23.26
15.6 cm	5 mL	25	2.0	0.50 mL	Bulk	PK	577-3318	$23.54
15.0 cm	7 mL	22	3.0	0.50 mL	Bulk	PK	577-3317	$39.00
Sterile, Bulk Packaged, 20/bg, 25 bg/pk								
15.0 mm	5.8 mL	25	1.0	0.25 mL	Sterile, bulk, 20/bg, 25 bg/pk	PK	577-3358	$38.06
Sterile, Individually Wrapped								
15.0 cm	5 mL	25	1.0	0.25 mL	Sterile, individually-wrapped	PK	577-3316	$52.27
15.0 cm	7.7 mL	20	--	--	Sterile, individually-wrapped	PK	577-3302	$54.49

Fine Tip Pipets

Excellent for the precise dispensing of small drops onto strips, plates or other small containers. #577-3328 are individually wrapped for sterile procedures.

Length	Capacity	Drops/mL	Pkg	Stock#	PRICE
14.4 cm	5 mL	50	500/pk	577-3327	$39.15
14.4 cm	5 mL	50	400/pk	577-3328	$60.04
15.3 cm	5.5 mL	50	250/pk	577-3320	$25.20
15.0 cm	8 mL	45	400/pk	577-3331	$31.95

Narrow Stem SEDI-PET® Pipets

Long, flexible stem that can be bent to draw liquids from narrow tubes into the bulb. Can be heat-sealed to serve as storage and transport vessels. #577-3323 are individually wrapped for sterile procedures.

Length	Capacity	Drops/mL	Pkg	Stock#	PRICE
15.0 cm	4 mL	3.5	500/pk	577-3322	$24.25
15.0 cm	4 mL	3.5	500/pk	577-3323	$54.80

Prices subject to change.

QualiTru® 7-Port Aseptic Septum

109-3027   109-3029

Reduce sample contamination during aseptic sampling with QualiTru septum systems. This 7-port silicone aseptic sampling septum comes with cap and is used with a number of aseptic sampling products. Requires heavy 16 or 18 gauge needles.

- High grade sampling septum (#109-3027) withstands temperatures up to 190°F at 150 psi for 200 hours.
- High heat septum (#109-3029) withstand temperatures up to 280°F. Made in the USA. FDA approved.

Mfg Part #	Description	Unit	Stock#	PRICE
110011	7-port high grade rubber/ silicone sampling septum	EA	109-3027	$7.98
110021	7-port high heat silicone sampling septum	EA	109-3029	$10.97
305198	16 gauge needle 100/bx	BX	066-3198	$25.97
305196	18 gauge needle, 100/bx	BX	066-3196	$6.81
309653	60 cc syringe, 40/bx	BX	066-3653	$25.62

QualiTru® Sampling Bag Assembly

Used to aseptically obtain a large sample volume or composite sample from same port. Easy-to-use and pre-sterilized. Assembly includes needle, tubing and bag. 100/case.

Mfg Part #	Description	Unit	Stock#	PRICE
111730	2L Bag assembly	EA	109-3200	$4.60
111930	5L Bag assembly	EA	109-3205	$6.30

QualiTru® 250 mL Sampling Bag Assembly

Extend shelf life and avoid product defects using the QualiTru test for heat-resistant psychrotrophic bacteria (HRPB). These spore-forming organisms survive pasteurization and grow at refrigeration temperatures. (Use the QualiTru 2L #109-3200 sampling assembly to collect a sample at the pasteurizer, then screen for the presence of HRPB. When these organisms are found, use the 250 mL QualiTru bag assembly with the Lab Pasteurization Count Test to identify milk loads and producers who are the source of HRPB.

Assembly comes with a sterile 250 mL bag, an 18 gauge needle and tubing. 100/case.

Mfg Part #	Description	Unit	Stock#	PRICE
111450	Assembly	EA	109-3250	$4.60
212123	Tank fitting for insulated tanks	EA	109-3032	$322.00
213083	2½" butt weld elbow w/ fitting	EA	109-3037	$377.00
250	Dust cover	EA	109-3226	$1.25

QualiTru® Sampling Kit

Bacterial contamination can occur in any processing plant at any time. But when it is your plant and your products, it could mean financial disaster for you. Aseptic sampling can help you identify sources of contamination before disaster strikes. The system involves installing and regularly using patented, aseptic septum on lines, product tanks, and even culture tanks. Don't take chances, take action against bacterial contamination.

Line and Tank Sampling Kit includes:

- 1 Aseptic Septum.
- 1 Dust Cover.
- 7 Needles (18g).
- 7 Syringes (60cc).
- 7 Alcohol Wipes.
- Use instructions on box.

Mfg Part #	Description	Unit	Stock#	PRICE
114018	Line and tank sampling kit	KT	109-3035	$33.06

QualiTru® Sampling System Elbow Fittings

Tri-Clamp

Butt-Weld

Elbow fittings with pre-mounted membrane housings allow samples to be taken at a point of turbulent flow in a line, resulting in a more representative sample. Mounting of assemblies on straight pipe is not recommended. Select the elbow fitting most appropriate for your pipeline to permit sampling at critical processing control points. Fittings are supplied with stainless steel septum housing nut (#109-3010). All 316 SS.

Mfg Part #	Diameter	Unit	Stock#	PRICE
Tri-Clamp				
213025	1½"	EA	109-3031	$307.00
213029	2"	EA	109-3022	$332.00
213033	2½"	EA	109-3045	$377.00
213037	3"	EA	109-3033	$407.00
Butt Weld				
213075	1½"	EA	109-3034	$307.00
213079	2"	EA	109-3036	$332.00
213083	2½"	EA	109-3037	$377.00
213087	3"	EA	109-3038	$407.00

Call Customer Service at 800-826-8302

IN-LINE ASEPTIC SAMPLING

QualiTru® 7-Port Tri-Clamp End Caps

QualiTru stainless steel Tri-Clamp End Caps can be installed anywhere there is a tri-clamp connection within your facility.

Mfg Part #	Description	Unit	Stock#	PRICE
211125	1.5" Tri-clamp end cap with nut	EA	109-3997	$212.00
211129	2" Tri-clamp end cap with nut	EA	109-3999	$212.00
211133	2.5" Tri-clamp end cap with nut	EA	109-3995	$216.00
112010	3.0" Tri-clamp end cap with nut	EA	109-3998	$2.56

QualiTru® 7-Port Sampling System Tank Fittings

Tank fittings are stainless steel weld-on fittings that are installed typically on a tank door or wall. They are tooled for a precise fit to allow a flush CIP-able internal surface. Select from fittings for insulated or non-insulated installations. Fittings are supplied with stainless steel septum housing nut (#109-3010) and dust cap. 7-port sampling septum (#109-3027) sold separately.

Mfg Part #	Description	Unit	Stock#	PRICE
212123	Tank fitting for insulated installations	EA	109-3032	$322.00
219021	Stainless steel nut - 1.5"	EA	109-3010	$21.01
212113	Tank fitting for non-insulated installations	EA	109-3016	$127.00

QualiTru® 12-Port Aseptic Transfer System

This unique system can be installed on processing tanks or vats to allow aseptic transfer of cultures or viscous materials. This will accommodate inoculation, sampling, fortifying, blending, and the aseptic introduction of nutrients, enzymes, flavors, etc. The system is compatible with sterilization temperatures, and works on the same principle as the aseptic sampling system. A sterile syringe and needle are used to draw up ingredients. The needle is then inserted into one of 12 injection ports in the specially designed septum. Larger channels accommodate heavy gauge needles required for viscous liquids. Mount non-insulated tank fittings to house injection port septum. Complete instructions included.

Mfg Part #	Description	Unit	Stock#	PRICE
110064	12-port Injection septum	EA	109-3042	$13.40
219054	12-port Stainless nut	EA	109-3994	$24.00
212214	Tank fitting for non-insulated installations	EA	109-3039	$412.00
113150	140 cc Syringe w/o needle	EA	109-3043	$6.40
	2" x 14 Gauge needle	EA	109-3044	$0.83

Prices subject to change.

WHIRL-PAK® Sample Bags

Popular throughout the food industry, sample bags are a convenient, low-cost way to handle liquid or solid samples. Leakproof and airtight, they occupy a fraction of the space of rigid containers and offer easier disposal. Made in the USA.

Features include:

- Patented, puncture-proof tabs. The yellow tape covers the sharp ends of the wire, eliminating the razor-like edge.
- Whirl-Pak bags go through a separate sterilization procedure performed by an ISO certified company.
- Sterility documented for every lot.
- Separate pull tabs on each side of the bag to protect sterility when opening.
- Resins used in the extrusion of film for Whirl-Pak bags are FDA approved.
- Volume and dimensions are approximate; bags should not be used at temperatures above 180°F (82°C).
- Whirl-Pak bags are available in a variety of styles to meet your every sampling need.
- Freezer safe.

Mfg Part #	Capacity	Size	Mils	Pkg	Unit	Stock#	PRICE
Clear Style							
B01009	2-oz	3" x 5"	2.25	500/bx	BX	486-3009	$43.41
B00679	4-oz	3" x 7"	2.25	500/bx	BX	486-3010	$44.44
B00992	7-oz	3.75" x 7"	3.00	500/bx	BX	486-3992	$54.54
B01018	13-oz	5.25" x 7.5"	3.00	500/bx	BX	486-3014	$70.10
B00736	18-oz	4.5" x 9"	2.50	500/bx	BX	486-3015	$62.56
B01020	24-oz	6" x 9"	3.00	500/bx	BX	486-3020	$81.98
B00990	27-oz	4.5" x 12"	3.00	500/bx	BX	486-3017	$85.52
B00994	36-oz	5" x 15"	3.00	500/bx	BX	486-3023	$99.90
B01027	42-oz	6" x 15"	3.00	500/bx	BX	486-3027	$116.97
B01323	69-oz	11" x 16"	3.00	500/bx	BX	486-3998	$133.91
Write-On Style							
B01064	2-oz	3" x 5"	2.50	500/bx	BX	486-3006	$46.38
B01062	4-oz	3" x 7"	2.25	500/bx	BX	486-3011	$47.76
B01489	7-oz	3.75" x 7"	2.50	500/bx	BX	486-3099	$59.72
B01490	13-oz	5.25" x 7.5"	2.50	500/bx	BX	486-3003	$78.39
B01065	18-oz	4.5" x 9"	2.50	500/bx	BX	486-3018	$67.19
B01297	24-oz	6" x 9"	3.00	500/bx	BX	486-3019	$88.21
B01491	27-oz	5" x 12"	3.00	500/bx	BX	486-3021	$102.53
B01195	55-oz	7½" x 12"	3.00	500/bx	BX	486-3195	$155.35
B01515	69-oz	7.5" x 15"	3.00	500/bx	BX	486-3515	$160.66
B01445	92-oz	10" x 15"	4.00	250/bx	BX	486-3445	$131.28
B01446	123-oz	10" x 20"	4.00	250/bx	BX	486-3446	$156.99
B01447	184-oz	15" x 20"	4.00	100/bx	BX	486-3184	$99.89

Please call for additional sizes - more available in both styles!

Call Customer Service at 800-826-8302

SAMPLE BAGS

WHIRL-PAK® Colored Tape Bags

Whirl-Pak bags now come with colored tape. This feature allows you to isolate samples according to the colored tape, providing an instant visual indicator for each section of the lab or plant, differentiate between treated and non-treated samples, or keep allergens separated from regular samples. 500/box.

Mfg Part #	Color	Capacity	Size	Mils	Unit	Stock#	PRICE
B01062(WT)	White tape	4-oz	3" x 7"	2.25	BX	486-3150	$49.56
B01062(BT)	Blue tape	4-oz	3" x 7"	2.25	BX	(86-3154	49.56
B01062(RT)	Red tape	4-oz	3" x 7"	2.25	BX	486-3158	$49.56
B01065(WT)	White tape	18-oz	4.5" x 9"	2.50	BX	486-3151	$73.48
B01065(BT)	Blue tape	18-oz	4.5" x 9"	2.50	BX	486-3155	$73.48
B01065(RT)	Red tape	18-oz	4.5" x 9"	2.50	BX	(86-3159	73.48
B01297(WT)	White tape	24-oz	5.5" x 9"	3.00	BX	486-3152	$98.86
B01297(BT)	Blue tape	24-oz	5.5" x 9"	3.00	BX	486-3156	$98.86
B01297(RT)	Red tape	24-oz	5.5" x 9"	3.00	BX	486-3160	$98.86
B01195(WT)	White tape	55-oz	7.5" x 9"	4.00	BX	486-3153	$162.33
B01195(BT)	Blue tape	55-oz	7.5" x 9"	4.00	BX	486-3157	$162.33
B01195(RT)	Red tape	55-oz	7.5" x 9"	4.00	BX	486-3161	$162.33

WHIRL-PAK® Instruction Sheets

This is the perfect step-by-step instruction sheet with images on how to properly use the Whirl-Pak sample bags. One pad of 25 instruction sheets free of charge with any Whirl-Pak order.

Mfg Part #	Unit	Stock#	PRICE
B01089	PD	486-3131	Call

WHIRL-PAK® Flat Wire Bags
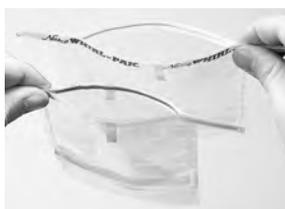
Flat wire provides a thicker tab, resulting in a heavier closure. With white write-on stripe. 500/box.

Mfg Part #	Capacity	Size	Mils	Unit	Stock#	PRICE
B01339	4-oz	3" x 7.25"	2.25	BX	486-3339	$51.23
B01341	18-oz	4.5" x 9"	2.50	BX	486-3341	$72.58

More WHIRL-PAK® bags on the next page...

Prices subject to change.

WHIRL-PAK® Black Bags

When it is necessary to protect a sample from light, the Whirl-Pak black bag is specially designed for this application. The polyethylene film is made from pigmented resins so the black color is an integral part of the bag and not a printed layer. FDA approved for food contact. 500/box.

Mfg Part #	Capacity	Size	Mils	Unit	Stock#	PRICE
B01472	4-oz	3" x 7.25"	2.50	BX	486-3472	$65.47
B01418	18-oz	4.5" x 9"	2.50	BX	486-3418	$99.06

WHIRL-PAK® Stand-Up Bags

Features gusset in bottom allowing bag to stand completely on its own. With white write-on stripe.

Mfg Part #	Capacity	Size	Mils	Pkg	Unit	Stock#	PRICE
B01364	4-oz	3" x 7"	2.25	500/bx	BX	486-3258	$60.41
B01365	18-oz	4.5" x 9"	2.50	500/bx	BX	486-3259	$89.52
B01401	24-oz	6" x 9"	3.00	500/bx	BX	486-3261	$111.44
B01451	69-oz	7.5" x 15"	4.00	250/bx	BX	486-3451	$121.60
B01542	138-oz	15" x 15"	4.00	100/bx	BX	486-3516	$162.25

WHIRL-PAK® Pocket Bag

With pocket for paperwork. Clear. 500/box.

Mfg Part #	Capacity	Size	Mils	Unit	Stock#	PRICE
B01255	24-oz	6" x 9"	2.50	BX	486-3257	$101.01

WHIRL-PAK® Thio Bags®

Designed for sampling chlorinated water. EPA approved, and contain 10 mg of active sodium thiosulfate to neutralize chlorine at the time of collection. White write-on stripe. Marking at 100 mL to aid in the collection of the correct amount of water by Standard Methods for the examination of water and waste water. 100/box.

Mfg Part #	Capacity	Size	Mils	Unit	Stock#	PRICE
B01040	100 mL	3" x 7.25"	2.25	BX	486-3012	$21.91
B01254	300 mL	4.5" x 9"	2.50	BX	486-3254	$45.98

Call Customer Service at 800-826-8302

SAMPLE BAGS

Flat Wired Sample Bags

Sterile, puncture-proof, white flat-wired sample bags. Bags are leakproof and airtight. Manufactured in an ISO certified facility. 500/box.

Mfg Part #	Capacity	Size	Mils	Unit	Stock#	PRICE
Clear Style						
B01182	4-oz	3" x 7"	2.00	BX	486-3182	$40.86
B01185	18-oz	4.5" x 9"	2.00	BX	486-3185	$57.65
B01187	24-oz	6" x 9"	2.50	BX	486-3187	$79.72
Write-On Style						
B01183	4-oz	3" x 7"	2.00	BX	486-3183	$45.49
B01186	18-oz	4.5" x 9"	2.00	BX	486-3186	$67.25

WHIRL-PAK® Sample Bag Racks

Specially designed for Whirl-Pak bags. Blue powder paint coating electrostatically applied to heavy-gauge wire construction. Autoclavable. Sold individually.

Accommodates Whirl-Pak Bag Size	Compartments	Compartment Size	Size	Unit	Stock#	PRICE
1 to 7-oz	15	1.5" x 2"	6.75"L x 9.25"W x 3"H	EA	486-3065	$22.22
1 to 7-oz	18	1.5" x 2"	6.75"L x 11"W x 3"H	EA	486-3080	$23.22
1 to 7-oz	21	1.5" x 2"	6.75"L x 12.75"W x 3"H	EA	486-3060	$24.43
1 to 7-oz	30	1.5" x 2"	10.75"L x 11.5"W x 3"H	EA	486-3070	$26.64
4 to 7-oz	18	2" x 2"	6.5"L x 12.75"W x 3"H	EA	486-3000	$30.73
13 to 24-oz	12	3.25" x 2.5"	10.75"L x 10.75"W x 3.5"H	EA	486-3075	$29.87
13 to 24-oz	20	2.5" x 2.5"	13.25"L x 10.75"W x 3.5"H	EA	486-3120	$30.87
13 to 69-oz	6	4.5" x 4.5"	13.25"L x 9.25"W x 4.5"H	EA	486-3122	$36.15

WHIRL-PAK® PakRack - 5 Slot

Choose your WhirlPak bags with locking pipes and hang them on the PakRack. Stores up to five samples safely with this rack made of PETG, which is a sanitizer-safe material for cleaning. Not autoclavable.

Dimensions	Unit	Stock#	PRICE
13.5" x 10.25" x 8.5"	EA	486-3124	$184.27

Prices subject to change.

LabPlas TWIRL'EM® Sample Bags

The original twirl-style sample bag developed by Albert Mojonnier in 1959. Made of heavy polyethylene; these bags do not have side seals to break or leak, and are inherently sterile without ethylene oxide gas sterilization. Utilizing a unique manufacturing process, formed from a continuous tube of clear, virgin plastic. The heat of manufacturing assures sterility. Air utilized in the process is double-filtered through HEPA filters. Therefore, these bags contain no dust, microorganisms, or ethylene oxide residues. Sterility is confirmed by independent laboratory testing. Available in a wide variety of sizes—including jumbo bags for extra-large samples. Choose from round or flat wire closures. Round wire twirls closed, forming a strong, rolled plastic seal. Flat wire, often preferred for extra strength in larger bags, seals with a simple fold-and-clamp motion. Optional white stripe is convenient for labeling samples.

TWIRL'EM® Sample Bags
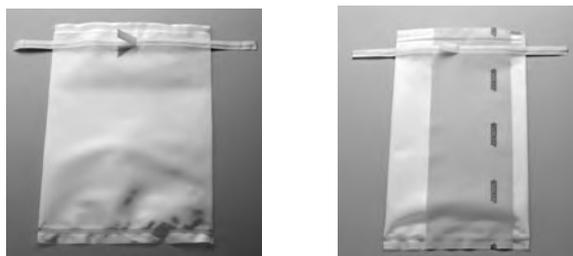
Available with or without a white marking stripe. 467-3025 and 467-3027 have both a round and flat wire.

Capacity	Dimensions	Mils	Pkg	Unit	Stock#	PRICE
Clear Unprinted, Round Wire						
4-oz	3" x 7"	2.50	500/bx	BX	467-3025	$56.70
15-oz	4.5" x 9"	2.50	500/bx	BX	467-3029	$59.67
22-oz	5.5" x 9"	3.00	500/bx	BX	467-3033	$68.40
27-oz	4.5" x 12"	2.50	500/bx	BX	467-3037	$70.09
36-oz	5.5" x 12"	2.50	500/bx	BX	467-3041	$90.45
40-oz	4.5" x 15"	3.00	500/bx	BX	467-3045	$80.20
50-oz	5.5" x 15"	3.00	500/bx	BX	467-3049	$93.85
55-oz	7" x 12"	3.00	250/bx	BX	467-3057	$48.57
Clear Unprinted, Flat Wire						
15-oz	4.5" x 9"	2.50	500/bx	BX	467-3030	$63.34
22-oz	5.5" x 9"	3.00	500/bx	BX	467-3034	$74.45
22-oz	5.5" x 9"	4.00	400/bx	BX	467-3054	$72.41
27-oz	4.5" x 12"	2.50	500/bx	BX	467-3038	$75.39
36-oz	4.5" x 15"	3.00	500/bx	BX	467-3042	$100.03
40-oz	5.5" x 12"	2.50	500/bx	BX	467-3046	$86.46
50-oz	5.5" x 15"	3.00	500/bx	BX	467-3050	$109.82
White Stripe, Round Wire						
4-oz	3" x 7"	2.50	500/bx	BX	467-3027	$58.17
15-oz	4.5" x 9"	2.50	500/bx	BX	467-3031	$64.51
22-oz	5.5" x 9"	4.00	400/bx	BX	467-3055	$76.76
22-oz	5.5" x 9"	3.00	500/bx	BX	467-3035	$78.64
27-oz	4.5" x 15"	2.50	500/bx	BX	467-3039	$75.76
36-oz	5.5" x 12"	3.00	500/bx	BX	467-3043	$95.14
40-oz	5.5" x 12"	2.50	500/bx	BX	467-3047	$81.67
50-oz	7" x 12"	3.00	500/bx	BX	467-3051	$101.91
White Stripe, Flat Wire						
15-oz	4.5" x 9"	2.50	500/bx	BX	467-3032	$67.52
22-oz	5.5" x 9"	3.00	500/bx	BX	467-3036	$84.82
36-oz	5.5" x 15"	3.00	500/bx	BX	467-3044	$102.91
40-oz	4.5" x 15"	2.50	500/bx	BX	467-3048	$90.86
50-oz	5.5" x 15"	3.00	500/bx	BX	467-3052	$112.01
55-oz	7" x 12"	3.00	250/bx	BX	467-3058	$57.87

Call Customer Service at 800-826-8302

SAMPLE BAGS

Pouch-Packaged Bag

Convenient pouch of 25 bags each. Ideal for milk haulers. Clear unprinted bags with flat wire. 500/box.

Capacity	Dimensions	Mils	Unit	Stock#	PRICE
8-oz	4.5" x 6"	3.0	BX	467-3012	$71.53

Labplas Secure-Strip® Bags

The Secure-T® Blender Bags are now available in a new, compact and easy-to-use Secure-Strip dispenser.
- Sterility confirmation documentation in each box.
- Tear-off junction between each bag ensures internal sterility.
- Product meets USDA and ACIA industry standards and is made of FDA compliant material.
- RNase, DNase, Pyrogene and BPA free.
- Sterility: 5-year shelf life.

Mfg Part #	Description	Capacity	Mils	Size	Unit	Stock#	PRICE
SCLR7012-B	250 bg/bx w/ dispenser, 4 bx/ca	55-oz	3.0	7x12"	CA	467-3060	$117.00
SCLR7012	4 rolls of 250 bags, 250 bg/bx, no dispenser	55-oz	3.0	7x12"	BX	467-3061	$104.00

SAMPLE BAG DISPENSER

Secure-Strip® Stainless Steel Dispenser

The perfect compliment for your Secure-Strip blender bags. When the elimination of paper and cardboard is required within your laboratory this is the ideal solution.

Mfg Part #	Description	Unit	Stock#	PRICE
SA3-7012	Stainless steel dispenser	EA	467-3062	$97.50

Prices subject to change.

Capitol Plastics Products Vials

Aseptic, translucent and guaranteed leak-proof with a triple seal. These dairy vials are an economical option for all your sampling and storage needs. Vials meet all requirements for the Federal Milk Marketing Administration, FDA and the Pasteurized Milk Ordinance (PMO). Made of food-grade, non-toxic polypropylene. Manufactured in a NCIMS-listed facility. Made in the USA.

Color	Pkg	Unit	Stock#	PRICE
1/2-oz				
Translucent	1500/ca	CA	210-3010	$244.78
2-oz				
Translucent	600/ca	CA	210-3222	$82.14
Clear/Smooth Top	600/ca	CA	210-3200	$82.14
Dark Red	600/ca	CA	210-3210	$82.13
Evergreen	600/ca	CA	210-3207	$82.13
Gold	600/ca	CA	210-3201	$82.13
Lime Green	600/ca	CA	210-3001	$82.13
Light Brown	600/ca	CA	210-3205	$82.13
Light Orange	600/ca	CA	210-3209	$82.13
Dark Orange	600/ca	CA	210-3208	$82.13
Pink	600/ca	CA	210-3202	$82.13
Purple	600/ca	CA	210-3004	$82.13
Royal Blue	600/ca	CA	210-3211	$82.13
Sky Blue	600/ca	CA	210-3203	$82.13
Turquoise	600/ca	CA	210-3204	$82.13
Yellow	600/ca	CA	210-3002	$82.13
Translucent Yellow	600/ca	CA	210-3212	$82.13
Cream	600/ca	CA	210-3254	$82.13
Gold, Skirted top	600/ca	CA	210-3440	$82.13
3-oz				
Translucent	400/ca	CA	210-3333	$62.16
Skirted, Clear	400/ca	CA	210-3300	$62.32
Royal Blue	400/ca	CA	210-3308	$62.16
Lime Green	400/ca	CA	210-3301	$62.16
4-oz				
Translucent low-profile	240/ca	CA	210-3402	$45.32
Translucent	250/ca	CA	210-3444	$46.35
Lime Green	250/ca	CA	210-3401	$46.35
Gold	250/ca	CA	210-3404	$46.35
High Profile, Tamper evident	240/ca	CA	210-3411	$48.41
8-oz				
Translucent, low profile	130/ca	CA	210-3800	$45.96

Capitol Vial 2-oz Vials

Available in a variety of sizes, styles and colors, these vials are aseptic and ideal for a wide range of food, dairy, and water sampling applications. No ethylene oxide or irradiation is required. In the field, the unique hinged-cap design allows the vial to be opened and closed with one hand—reducing the chance of contamination. Caps can't be accidentally switched. Leak-proof performance is assured. Containers meet requirements of the USDA dye test, the Federal Milk Marketing Administration, and the FDA as outlined in Standard Methods procedures. The integrity of your sample is protected by stringent quality control procedures. Vials are molded of high density, food-grade, non-toxic polypropylene. They meet bacterial requirements of the Pasteurized Milk Ordinance (PMO). Ideal for bar-code systems and automation. Translucent, except where color is noted. Compatible with Fossomatic™ and MilkoScan™ equipment. The vials have a 45 mL capacity, 23 mm ID and length of 84 mm. 600/case. Made in the USA.

Color	Unit	Stock#	PRICE
Translucent	CA	170-3005	$83.80
Translucent, Lock-top	CA	170-3206	$92.32
Translucent, Smooth-top	CA	170-3405	$89.26
Translucent, w/B-14 Pill	CA	170-3214	$72.09
Amber	CA	170-3018	$86.54
Light Brown	CA	170-3021	$86.54
Evergreen	CA	170-3003	$86.54
Gold	CA	170-3014	$86.54
Lime Green	CA	170-3016	$86.54
Dark Orange	CA	170-3017	$86.54
Light Orange	CA	170-3026	$86.54
Pink	CA	170-3015	$86.54
Purple	CA	170-3006	$86.54
Dark Red	CA	170-3004	$86.54
Light Red	CA	170-3022	$86.54
Royal Blue	CA	170-3002	$86.54
Silver	CA	170-3013	$86.54
Sky Blue	CA	170-3008	$86.54
Turquoise	CA	170-3000	$86.54
White	CA	170-3023	$86.54
Wine	CA	170-3012	$86.54
Yellow	CA	170-3007	$86.54

More Vials on the next page...

SAMPLING VIALS & CONTAINERS

Cornell Graduated Vials

Low profile, wide mouth, and aseptic. These snap top, polypropylene vials are generally used for mastitis and other dairy farm diagnostic samples.

Size	Pkg	ID	Length	Unit	Stock#	PRICE
11 mL	500/ca	20 mm	53 mm	CA	210-3050	$72.10
11 mL	2000/ca	20 mm	53 mm	CA	210-3250	$279.74

Capitol Vial 3-oz Vials

Same features as 2-oz vial. The vials have 90 mL capacity, 33 mm ID, and length of 93 mm. 400/case.

Color	Unit	Stock#	PRICE
Translucent	CA	170-3041	$60.04
Gold	CA	170-3044	$63.15
Lime Green	CA	170-3045	$63.15
Purple	CA	%70-3046	63.15
Dark Red	CA	170-3048	$63.15
Sky Blue	CA	170-3047	$63.15
Yellow	CA	170-3042	$63.15
Light Orange	CA	170-3054	$63.15

Capitol Vial Other Sizes

Translucent unless otherwise indicated.

Description	Size	Pkg	Capacity	ID	Length	Unit	Stock#	PRICE
Veterinary vial	½-oz	1500/ca	13 mL	10 mm	95 mm	CA	170-3070	$193.56
High profile	4-oz	250/ca	120 mL	43 mm	90 mm	CA	170-3024	$46.11
High profile, lock-seal	4-oz	250/ca	120 mL	43 mm	90 mm	CA	170-3028	$52.52
High profile, smooth-top	4-oz	250/ca	120 mL	43 mm	90 mm	CA	170-3009	$48.41
High profile, smooth-top, Lime Green	4-oz	250/ca	120 mL	43 mm	90 mm	CA	170-3025	$47.78
High profile, Gold	4-oz	250/ca	120 mL	43 mm	90 mm	CA	170-3034	$47.78
Low profile, lock-seal	4-oz	250/ca	120 mL	63 mm	50 mm	CA	170-3027	$58.48
High profile, lock-seal	10-oz	100/ca	300 mL	62 mm	110 mm	CA	170-3308	$41.10

Capitol Vial Sample Cups with Hinged Cap

Polypropylene, aseptic, hinged-cap sample containers ensure aseptic handling. Just pop the top, add sample, and close—all with one hand—without contacting the underside of the lid. Durable lip and snap-tight seal ensures sample integrity during transportation and storage. Compare prices with other disposable cups and jars and note the amazing economy of this product.

Size	Pkg	Capacity	ID	Length	Unit	Stock#	PRICE
4-oz	250/ca	120 mL	63 mm	50 mm	CA	170-3011	$51.19
8-oz	150/ca	240 mL	75 mm	75mm	CA	170-3020	$56.94

Prices subject to change.

VIALS, RACKS & RAFTS

Capital Vial Custody Vials

Be absolutely certain of sample integrity. These foolproof vials have two tamper-evident indicators. One assures the individual providing the sample that the vial has never been opened. The second, sealed when the sample is added, assures the receiving laboratory that no subsequent tampering has taken place. Call us for a free sample of this ingenious vial.

Size	Pkg	Capacity	ID	Length	Unit	Stock#	PRICE
2-oz	600/ca	45 mL	23 mm	84 mm	CA	170-3304	$88.87
4-oz	240/ca	120 mL	44 mm	54 mm	CA	210-3411	$48.41
10-oz	100/ca	300 mL	62 mm	110 mm	CA	170-3307	$42.42

Capitol Vial Water Sample Vials

Ideal for sampling wells or tap water. Meets EPA requirements that sample containers be sterile, have a 100 mL fill line, and contain sodium thiosulfate to neutralize residual chlorine. Factory-sealed. Lock-top feature allows for incubation of sample. 200/case.

Description	Capacity	ID	Length	Unit	Stock#	PRICE
4-oz, High clarity	120 mL	43 mm	90 mm	CA	170-3254	$46.03

Capitol Vial Floating Vial Rafts
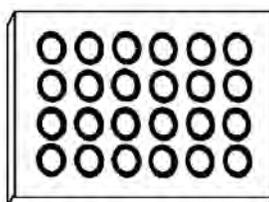
All rafts below are manufactured of polycell material. Rafts are flexible and unbreakable allowing a long useful life. Vials fit tightly in holders keeping top and labels out of water. All are 8" x 10".

Description	Vial size	Unit	Stock#	PRICE
24-vial raft	2-oz	EA	170-3060	$2.67
20-vial raft	3-oz	EA	170-3063	$2.67
12-vial raft	4-oz	EA	170-3065	$2.67

Vinyl-Coated Vial Racks
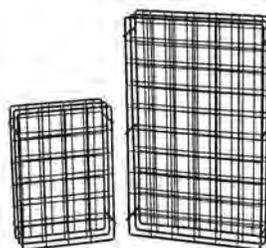
Hold vials securely in these wire racks coated with corrosion-resistant vinyl. Racks available for 2-, 3- and 4-oz vials in various capacities. 3-oz rack includes built-in label holder. Sold individually. Black.

Mfg Part #	Description	Vial Size	Capacity	Size	Opening	Unit	Stock#	PRICE
0125-87	Rack	2-oz	24 vials	9¼"L x 6¼"W x 2½"H	1½" x 1½"	EA	482-3005	$27.26
	Lid	2-oz	24 vials	-	-	EA	446-3006	$24.54
0126-87	Rack	2-oz	48 vials	12"L x 9"W x 2½"H	1½" x 1½"	EA	482-3010	$33.53
0127-87	Rack	2-oz	60 vials	15¼"L x 9½"W x 2½"H	1½" x 1½"	EA	482-3015	$26.60
0916-88-O	Rack	3-oz	24 vials	8"L x 12"W x 2¾"H	1½" x 1½"	EA	446-3007	$46.77
0929-86-A	Rack	4-oz	18 vials	12"L x 6"W x 2¾"H	1⅞" x 1⅞"	EA	446-3001	$29.78
	Lid	4-oz	-	-	-	EA	446-3002	$15.95
0929-86WC	Rack w/lid	4-oz	18 vials	12"L x 6"W x 2¾"H	1⅞" x 1⅞"	ST	446-3000	$67.68

Call Customer Service at 800-826-8302

SAMPLING CONTAINERS & ACCESSORIES

Sterile Dippers with Removable Handle

Sterile, blue and individually wrapped, these polypropylene dippers are ideal for sampling and transporting your samples without risk of contamination. The 90 mL dippers have a hinged lid, while the 40 mL, 125 mL and 180 mL have a screw cap on the dipper. The removable handle is easy to detach by pushing down on the handle to remove it. You can return the vial back into the sterile bag, zip it closed, and transport for testing. The handles are 8.7″ long.

Description	Pkg.	Unit	Stock#	PRICE
40mL	250/ca	CA	140-3840	$314.02
90mL	150/ca	CA	140-3890	$270.41
180mL	100/ca	CA	140-3180	$230.63

Specimen Cups

Economical 4-oz (120 mL), screw cap, specimen cups are individually wrapped and sterile. White label on the side of the sample cup can be used for easy identification of your sample. 100 per case.

Description	Size	Pkg	Unit	Stock#	PRICE
Specimen Cups	4-oz	100/ca	CA	200-3100	$28.89

Sample Cups with Screw Cap

Ideal for taking samples for chemical analysis. These 4-1/2 oz polypropylene specimen cups feature high density polyethylene screw caps. The leak-proof, positive seal prevents opening during shipment. Cups are not only odor-proof and shatter-proof, but the airtight seal maintains the integrity of moisture samples. Frosted areas for a convenient writing surface. The wide base provides stability. Available in sterile and non-sterile models. Graduated in ounces and milliliters for quick reference.

Description	Pkg	Unit	Stock#	PRICE
Sterile cup	100/ca	CA	634-3650	$64.99
Non-sterile cup	500/ca	CA	634-3655	$109.33

Nasco Milk Sample Cooler

Specially designed for temperature control of milk samples going from farm to lab via truck. Walls of durable ABS plastic with polyfoam insulation. Separate ice storage compartment for adding ice as needed. Recessed carrying grips. Holds 9-1/4" x 6-3/4" rack or Whirl-Pak® racks (#486-3065, #486-3080, and #486-3060). Light green.
16-1/2"L x 14"W x 9-1/4"D.

Description	Unit	Stock#	PRICE
Cooler	EA	486-3059	$190.50
Cooler with Rails for Milk Trucks	EA	727-1022	$291.76

Magic Touch 2™ Mini Ice Pan

Superior insulating properties combined with high chemical resistance makes the Magic Touch 2 laboratory ice pan the perfect container for ice point calibration for your thermometers or keeping samples cold. It is also compatible for ultra-low temperature materials such as dry ice, ice-salt slurries, dry ice solvent slurries, or liquid nitrogen. Lightly textured, non-slip finish, and raised edge provide secure transport and a stylish look.

SP SCIENCEWARE

- Non-sweating, superior insulation properties.
- Impervious to moisture and odors.
- Withstands temperature range of -196° to 100°C.

Color	Capacity	Size	Unit	Stock#	PRICE
Blue	1 Liter	7" x 7" x 5"	EA	010-3680	$57.55

Capitol Vial Sample Vial Shipper

Designed to keep samples cold for overnight delivery. Shipper comes equipped to handle sixty 2-oz vials, but can accept inserts to handle other sizes. Spaces are molded into the unit for two large reusable ice packs (included with each shipper). A double-waxed, heavy, corrugated box protects the styrofoam case during shipment. This rugged shipper will withstand normal handling providing a long life of useful service. 19"L x 12-1/2"W x 8"H. Please note: sample temperatures below 45°F (7.2°C) will not be maintained for 24 hours in warm climates. Suitability for specific applications must be confirmed by user.

Description	Vial Size	Capacity	Unit	Stock#	PRICE
Vial shipper	2-oz	60	EA	170-3050	$29.80
Replacement Parts/Accessories					
Tray insert	2-oz	60	EA	170-3052	$18.34
Corrugated waxed box			EA	170-3051	$11.65
Ice pack, 24/ca	6" x 9"		CA	452-6524	$10.05

Capitol Vial Bullseye Labels and Dispenser

Dispenses sample vial labels easily and efficiently. Sturdy, economical plastic dispenser mounts on walls. Die-cut labels are self-sticking and without webbing.

Description	Unit	Stock#	PRICE
Label dispenser	EA	170-3400	$3.69
Self-stick labels, 3500/roll	RL	170-3401	$21.07

Prices subject to change.

Sampling Straws

Single use sterile plastic pipets to take representative samples of liquids for microbiological evaluation. Cylindrical dispenser maintains sterility, dispensing straw-style pipets one at a time as cover is rotated. Pipet diameter: 1/4″ OD. 250/box.

Length	Unit	Stock#	PRICE
18"	BX	155-3843	$79.22
24"	BX	155-3844	$80.92

Puritan® Applicator Sticks

These inexpensive, disposable, wooden applicator sticks (also known as tongue depressors) are excellent for collecting, transferring, stirring, and countless other tasks around the lab. All sticks 3/4″ x 6″.

Description	Pkg	Unit	Stock#	PRICE
Non-sterile	500/pk	PK	155-3015	$25.68
Sterile	100/bx	BX	302-3050	$14.45

Color-Coded Measuring Scoops

Plastic scoops are light and durable, and have good chemical resistance. Made of polypropylene material and are autoclavable. These measuring scoops are available in a variety of colors and sizes to fit most applications in the lab.

Color	Unit	Stock#	PRICE
50 ml (Length 200 mm)			
Red	EA	090-3072	$1.42
Ultramarine	EA	090-3073	$1.42
100 ml (Length 160 mm)			
Red	EA	090-3075	$1.83
Ultramarine	EA	090-3083	$1.83
White	EA	090-3074	$1.83
Gray	EA	090-3076	$1.83
Black	EA	090-3077	$1.83
Yellow	EA	090-3079	$1.83
Blue	EA	090-3078	$1.83
Green	EA	090-3081	$1.83
Bright Blue	EA	090-3082	$1.83
250 ml (Length 260 mm)			
Red	EA	090-3084	$4.65
Ultramarine	EA	090-3085	$4.65

Sterileware® Sample Scoops

Choose from a variety of styles to gather small amounts of sample material. All scoops are sterile and individually packaged in a polyethylene bag. Scoops with cover feature a snap-on lid which allows the use of the covered scoop as a container for transport. Scoop 'N Bag features both a sterile scoop and a sterile collection bag.

Mfg Part #	Color	Size	Pkg	Unit	Stock#	PRICE
Scoop						
H36902-0000	White	2-oz (60 mL)	100/ca	CA	010-3775	$104.54
H36904-0000	White	4-oz (125 mL)	100/ca	CA	010-3776	$134.33
H36906-0000	White	8-oz (250 mL)	100/ca	CA	010-3777	$179.55
H36902-2002	Red	2-oz (60 mL)	100/ca	CA	010-3979	$148.89
H36904-2004	Red	4-oz (125 mL)	100/ca	CA	010-3976	$145.84
H36906-2008	Red	8-oz (250 mL)	100/ca	CA	010-3972	$221.15
Scoop With Cover						
H36922-0000	White	2-oz (60 mL)	100/ca	CA	010-3778	$193.82
H36924-0000	White	4-oz (125 mL)	100/ca	CA	010-3779	$223.83
Scoop 'N Bag						
H36910-0000	White	2-oz scoop/18-oz bag	50/ca	CA	010-3770	$81.63

Call Customer Service at 800-826-8302

SAMPLE COLLECTION TOOLS

WHIRL-PAK® Scoop Bag

For fast, convenient sampling of a variety of materials, the Whirl-Pak Scoop Bag will save time and money. The sterile scoop is already contained inside the bag, eliminating the need to carry two items to collect the sample and minimizing contamination. The 2-oz (60 cc) polypropylene scoop measures 7" (18.5 cm) long, and comes contained in an 18-oz Whirl-Pak bag. 50/box.

Nasco
Dedicated to Delivery

Mfg Part #	Unit	Stock#	PRICE
B01350WA	BX	486-3990	$91.94

Sterileware® Sterile Sample Spoons

Disposable sample spoons are pre-sterilized. Manufactured of high-impact polystyrene and sealed in individual plastic bags. Extra long handles keep hands away from sample. Ideal for small amounts of dry or slurry samples. 200/case.

SP SCIENCEWARE

Mfg Part #	Size	Unit	Stock#	PRICE
H36940-0000	¼ tsp (1.23 mL)	CA	010-3780	$181.30
H36942-0000	½ tsp (2.46 mL)	CA	155-3781	$188.01
H36944-0000	1 tsp (4.93 mL)	CA	155-3782	$168.93
H36946-0000	1 tbsp (14.79 mL)	CA	155-3783	$166.19

Blue Sterileware® Sense-able Scoops®

Complement your extraneous material control program with these sterile, individually wrapped, single-use polystyrene scoops, which are metal and x-ray detectable. The entire scoop is metal detectable. The long handle keeps hands away from your sample. Blue. 100/case.

SP SCIENCEWARE

Mfg Part#	Size	Unit	Stock#	PRICE
H36902-0006	2-oz (60 mL)	CA	010-3600	$123.73
H36904-0006	4-oz (125 mL)	CA	010-3604	$178.26
H36906-0006	8-oz (250 mL)	CA	010-3608	$397.53

Sterileware® Sampling Spatula

The perfect tool for sterile sampling of hardened ice cream as well as powdered or granulated material. Extra long 6" (15 cm) spatula blade holds twice as much as conventional reusable spatulas. A permanently attached handle means you never have to touch the blade. Polystyrene. Individually packaged. 100/case.

SP SCIENCEWARE

Mfg Part #	Length	Unit	Stock#	PRICE
H36930-0000	9"	CA	010-3784	$110.79

Sterileware® Sampling Knife

Ideal for cutting small samples from large pieces. Polystyrene knife has serrated blade. Individually packaged and sterilized. 200/case.

SP SCIENCEWARE

Mfg Part #	Length	Unit	Stock#	PRICE
H36965-0000	7"	CA	010-3781	$277.11

Microspatula

Double-ended stainless steel spatula with flat ends. Use for scooping powders, stirring solutions and various lab uses.

Length	Unit	Stock#	PRICE
8"	EA	155-3750	$5.24

Microspatula/Spoon

Spoon on one end, spatula on the other. Stainless steel.

Length	Unit	Stock#	PRICE
9"	EA	155-3755	$9.35

Spatulas

Spatulas in an assortment of handy sizes. Stainless steel blade with a tough PVC handle. Resistant to boiling water, acids and most solvents.

Blade Length	Unit	Stock#	PRICE
3"	EA	220-3327	$15.90
4"	EA	155-3756	$16.93
5"	EA	220-3312	$20.09
6"	EA	220-3328	$18.29

Lab Scoop

Small stainless steel lab scoop with curved sides and pointed tip.

Length	Unit	Stock#	PRICE
7"	EA	155-3690	$4.99

Prices subject to change.

3M™ Petrifilm™ Plates

Maximize productivity by increasing your laboratory efficiency with 3M Petrifilm Plates. These sample-ready plates streamline your testing process, reducing the labor hours needed to perform microbial testing. Fast. Efficient. And there's a full line of Petrifilm Plates so you can monitor a variety of conditions for quality. AOAC approved.

- Aerobic Count Plates check general bacterial levels.
- Rapid Aerobic Count Plates are an accurate and easy test that detects aerobic bacteria counts in just 24 hours for most food matrices and environmental monitoring.
- Coliform Count Plates test for coliforms, a traditional step in controlling overall quality.
- Coliform High Sensitivity Plates will accommodate 5 mL samples for better detection of organisms.
- Rapid Coliform Count Plates detect high-level coliform contamination beginning at just 4 hours.
- Lactic Acid Count Plates give true anaerobic results using standard aerobic incubation conditions. Results in 48 hours.
- E.coli/Coliform Count Plates identify both E.coli and other coliforms. With this one easy test, you'll have confirmed results in 24 to 48 hours.
- Enterobacteriaceae Count Plates are used to detect post-processing contamination.
- Yeast and Mold Count Plates determine air and food borne yeasts and molds which can invade dry ingredients, processing equipment and storage facilities.
- Rapid Yeast and Mold Count Plates feature indicator technology that makes colonies easier to interpret, these completely sample-ready plates provide results in just 48 hours.
- Staph Express Count Plates are the fastest confirmed S. aureus test available with results in as little as 22 hours.
- Environmental Listeria Plates are for the enumeration and/or detection of Listeria in environmental samples.

Mfg Part #	Pkg	Unit	Stock#	PRICE
Aerobic Count Plates				
6400	100/bx	BX	460-3400	**$79.08**
6406	1000/ca	CA	460-3406	**$668.05**
Lactic Acid Count Plates				
6461	50 plates/bx	BX	460-3461	**$87.00**
6462	500 plates/ca	CA	460-3462	**$725.00**
Rapid Aerobic Count Plates				
6478	50/bx	BX	460-3468	**$71.40**
6479	500/ca	CA	460-3479	**$642.60**
Coliform Count Plates				
6410	50/bx	BX	460-3410	**$44.00**
6416	1000/ca	CA	460-3416	**$734.43**
Coliform High Sensitivity Count Plates				
6405	50/bx	BX	460-3405	**$70.17**
6415	500/ca	CA	460-3415	**$590.78**
High Sensitivity Count Plate Spreader				
6481	2/bx	BX	460-3481	**$23.39**
Rapid Coliform Count Plates				
6402	50/bx	BX	460-3402	**$91.34**
6412	500/ca	CA	460-3412	**$764.54**
E.coli/Coliform Count Plates				
6404	50/bx	BX	460-3404	**$86.88**
6414	500/ca	CA	460-3414	**$724.00**
Enterobacteriaceae (EB) Count Plates				
6420	50/bx	BX	460-3420	**$50.12**
6421	1000/ca	CA	460-3421	**$845.63**

Mfg Part #	Pkg	Unit	Stock#	PRICE
Yeast and Mold Count Plates				
6407	100/bx	BX	460-3407	**$96.91**
6417	1000/ca	CA	460-3417	**$810.61**
Rapid Yeast & Mold Count Plates				
6475	50/bx	BX	460-3475	**$101.44**
6477	500/ca	CA	460-3477	**$806.31**
Rapid Yeast & Mold Spreader				
6425	2/bx	BX	460-3425	**$23.39**
Staph Express Count Plates				
6490	50/bx	BX	460-3649	**$100.25**
6491	500/ca	CA	460-3641	**$850.27**
Staph Express Disks				
6492	20/bx	BX	460-3642	**$27.58**
6493	100/bx	BX	460-3643	**$119.32**
Staph Spreader				
6425	2/bx	BX	460-3425	**$23.39**
Environmental Listeria Plates				
6447	50/bx	BX	460-3447	**$334.16**
6448	200/ca	CA	460-3448	**$1,043.78**
Buffered Peptone Repair Broth, 200 mL				
6449	1/ea	EA	483-3449	**$5.07**
6449	20/ca	CA	460-3449	**$59.90**
Environmental Listeria Plate Spreader				
6498	2/bx	BX	460-3498	**$23.39**

More Petrifilm™ on the next page…

Call Customer Service at 800-826-8302

3M™ PETRIFILM™ PLATES

Rack for 3M™ Petrifilm™ Plates

Increase efficiency by fitting more 3M Petrifilm plates in your incubator. White epoxy finished with four durable wire racks. Fits in most incubators. Holds approximately 80 Petrifilm plates (8 x 9 x 10 cm). Holds all Petrifilm excluding the Environmental Listeria and High Sensitivity Coliform.

Dimensions	Unit	Stock#	PRICE
3.15″ x 3.5″ x 3.93″	EA	446-3350	$38.02

3M™ Petrifilm™ Aqua Plates

Sample-ready plates that replace conventional agars, petri dishes, media pads, and disposable filter funnels used in the microbial testing of water. Each plate contains a water-soluble gelling agent, nutrients and indicators in a dry, shelf-stable format. We offer four 3M Petrifilm Aqua Plates to cover your unique testing needs: Heterotrophic Count, Coliform Count, Enterobacteriaceae Count, and Yeast and Mold Count. 3M Petrifilm Aqua Plates are ideal for testing bottled water. Procedure requires a membrane filtration system.

Mfg Part #	Pkg	Unit	Stock#	PRICE
Heterotrophic Count Plates				
6450	100/bx	BX	460-3250	$89.02
6452	1000/ca	CA	460-3252	$734.85
Coliform Count Plates				
6457	50/bx	BX	460-3257	$44.00
6458	1000/ca	CA	460-3258	$734.43
Yeast and Mold Count Plates				
6408	100/bx	BX	460-3208	$96.91
6413	1000/ca	CA	460-3211	$845.63
Enterobacteriaceae Count Plates				
6418	50/bx	BX	460-3218	$50.12
6428	1000/ca	CA	460-3217	$810.61

3M™ Petrifilm™ Salmonella Express System

Used for the rapid qualitative detection and biochemical confirmation of Salmonella in enriched foods and food process environmental samples. The 3M Petrifilm Salmonella Express (SALX) System consists of an unique medium for the recovery and growth of Salmonella species that provides presumptive results and the Salmonella Express disks provide a biochemical confirmation. This system utilizes 3M Food Safety's Petrifilm technology, an industry standard, and delivers an all-in-one test and biochemical confirmation method in as little as 44 hours. AOAC-RI Certification number 061301.

Mfg Part #	Pkg	Unit	Stock#	PRICE
Salmonella Express				
Count Plates				
6536	50/bx	BX	460-3536	$168.30
6537	200/ca	CA	460-3537	$628.32
Confirmation Disks				
6538	5/bx	BX	460-3538	$102.00
6539	25/ca	CA	460-3539	$418.20
Enrichment Base				
SEB500	500 gram bottle	BO	351-3505	$57.79
SEB025	2.5 kg bottle	BO	351-3525	$245.89
Enrichment Supplement				
SESUP001	1 gram vial	VI	351-3511	$63.05
Spreader				
6425	2/bx	BX	460-3425	$23.39

Prices subject to change.

3M™ Molecular Detection System

Powered by an innovative combination of technologies, the 3M Molecular Detection System provides a pathogen detection solution that is fast, accurate, easy-to-use, and affordable. It uses isothermal DNA amplification and bioluminescence detection technologies to deliver a simple, rapid, specific, and rugged pathogen detection method. Obtain results in as little as 24 hours. The following kits (sold separately) are available for pathogen detection in enriched food and environmental samples: Listeria monocytogenes, Listeria, Salmonella, and E.coli 0157 (including H7).

The robust MDS instrumentation to run your assays:
- Minimal maintenance required.
- No moving parts or cooling fans.
- No expensive thermcycler, fluorescence detectors or filters.
- Removable heater for easy cleaning and decontamination.
- Portable without the need for recalibration.
- Automatic diagnostics at start-up.

The powerful software:
- Take on muliple tasks, even when runs are in progress.
- Operate up to four instruments simultaneously.
- Color-coded icons to match the color-coded reagent tubes.
- Results automatically interpreted and displayed in real time using simple color-coded symbols.
- System security with password protection and audit logs.
- LIMS compatibility.

3M™ Molecular Detection Instrument System

Instrument comes with a pluggable heater, software, power cord, USB cable, and a basic accessory kit. (1/each) The basic accessory kit includes a chill block insert, chill block tray, speed loader tray, cap/decap tool - lysis, cap/decap tool - reagent, and empty lysis and reagent trays.

Mfg Part #	Unit	Stock#	PRICE
MDS100	EA	351-3197	$17,338.26

3M™ Molecular Detection Cap/Decap Tool - Reagent

Accommodate the 3M reagent and lysis tubes for easy capping and decapping.

Mfg Part #	Unit	Stock#	PRICE
MDSCDR	EA	351-3206	$509.64

3M™ Molecular Detection Speed Loader Tray

Designed for loading and unloading reagent tubes.

Mfg Part #	Unit	Stock#	PRICE
MDSSLT	EA	351-3201	$257.44

Call Customer Service at 800-826-8302

3M™ MDS PATHOGEN TESTING

3M™ Molecular Detection Chill Block

For use with the 3M Molecular Detection System Chill Block Insert; for easy handling.

Mfg Part #	Unit	Stock#	PRICE
MDSCBT	EA	351-3204	$236.43

3M™ Molecular Detection Chill Block Insert

Inserts accommodate 3M reagent tubes allowing for close contact of the tubes to the block wall, maintaining heat retention.

Mfg Part #	Unit	Stock#	PRICE
MDSCBIN	EA	351-3203	$447.64

3M™ Molecular Detection Heat Block Insert

Inserts accommodate 3M reagent tubes allowing for close contact of the tubes to the block wall, maintaining heat retention.

Mfg Part #	Unit	Stock#	PRICE
MDSHBIN	EA	351-3200	$447.64

3M™ Molecular Detection Assay 2 Salmonella

Kit contains 96 tests and is used with the 3M Molecular Detection System for the rapid and specific detection of Salmonella in enriched food, feed and food processing environmental samples. Includes pre-dispensed lysis solution tubes, color-coded reagent tubes, extra reagent tube caps, 1 negative control vial and 8 reagent control tubes. Detection within 18-30 hours. Additional item needed: Peptone Water ISO #351-3213 (sold separately).

Mfg Part #	Sold By	Qty	Unit	Stock#	PRICE
MDA2SAL96	KT	96 Tests	KT	351-3195	$890.09

3M™ Molecular Detection Assay 2-Listeria

Kit contains 96 tests and is used with the 3M Molecular Detection System for the rapid and specific detection of Listeria in enriched environmental samples. Includes pre-dispensed lysis solution tubes, color coded reagent tubes, extra reagent tube caps, 1 negative control vial and 8 reagent control tubes (1/each). Detection within 24-32 hours. Additional items needed: Demi-Fraser Broth #351-3217 and Fraser Broth Supplement #351-3222 (both sold separately).

Mfg Part #	Qty	Unit	Stock#	PRICE
MDA2LIS96	96 Tests	KT	351-3198	$988.99

3M™ Molecular Detection Assay 2 - Listeria monocytogenes

Kit contains 96 tests and is used with the 3M Molecular Detection System for the rapid and specific detection of Listeria monocytogenes in enriched food and environmental samples. Includes pre-dispensed lysis tubes, color coded reagent tubes, extra reagent tube caps, 1 negative control vial and 8 reagent control tubes. (1/each). Detection within 24-32 hours. *Raw dairy matrices require 40 hours. Additional items needed: Demi-Fraser Broth #351-3217 and Fraser Broth Supplement #351-3222 (both sold separately).

Mfg Part #	Qty	Unit	Stock#	PRICE
MDA2LM096	96 Tests	KT	351-3199	$988.99

3M™ Molecular Detection Assay 2-E.coli 0157 (Including H7)

Kit contains 96 tests and is used with the 3M Molecular Detection System for the rapid and specific detection of E.coli 0157 (including H7) in enriched food samples. Includes pre-dispensed lysis solution tubes, color-coded reagent tubes, extra reagent tube caps, 1 negative control vial and 8 reagent control tubes. (1/each). Detection within 24-48 hours. Additional items needed: Peptone Water ISO #351-3213 (sold separately).

Mfg Part #	Qty	Unit	Stock#	PRICE
MDAEC96NA	96 Tests	KT	351-3193	$890.09

Additional equipment and supplies will be needed:

Call 1-800-826-8302 or email us at sales@nelsonjameson.com for a list.

Prices subject to change.

Easygel®

Streamline your testing process and save time by using sample-ready Easygel tests. Test anywhere or anytime - without the need for expensive equipment like an autoclave, balance, or water bath. These tests are pectin-based media that gel at room temperature when poured into the pretreated dish. The test method is simple to perform and reading the plates is very similar to conventional agar methods. By using Easygel tests you can reduce labor hours needed to perform microbial testing. The result: an instant, hassle-free plate.

- No mixing. Saves time because it's ready to use.
- No waste. Pour only what you need.
- Use conventional incubating and counting procedures.
- Lower equipment costs.
- Available in a variety of media.

Pretreated dishes are included with media. 50 media bottles and dishes/kit.

Description	Unit	Stock#	PRICE
Violet Red Bile for Coliform	KT	434-3006	$51.53
Total Count (Aerobic)	KT	434-3007	$50.62
Total Count (Aerobic) w/Antibiotics for Y & M	KT	434-3201	$50.62
Orange Serum for Acidophilic Microbes	KT	434-3008	$58.83
Potato Dextrose w/Antibiotics for Y & M	KT	434-3009	$54.80
Potato Dextrose for Y & M	KT	434-3010	$51.50
MRS for Lactics	KT	434-3011	$65.65
Total Count w/T-Salt Indicator	KT	434-3014	$50.62

Coliscan Water Testing Easygel® Kit

Tests for E.coli and other coliforms in water. Coliscan media has a patented combination of color producing chemicals and nutrients that indicate coliforms and E.coli by producing different colors making identification and isolation easy. When testing a water sample it is added to the medium, which is poured into the prepared petri-dishes and incubated for 24-48 hours. E.coli will produce purple-blue colonies, while the coliform bacteria will grow as pink-magenta colonies. 50 tests/kit.

Unit	Stock#	PRICE
KT	434-3017	$95.35

CULTURE MEDIA PLATES & DEHYDRATED CULTURE MEDIA

BBL™ Prepared Biological Media

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
212357	Egg Yolk Tellurite Solution	100 mL/btl, 6 btl/pk	PK	614-3357	$179.30
299094	Standard Methods Agar	200 mL/btl, 10 btl/bx	BX	614-3341	$137.76

Micro Diagnostics™ Prepared Culture Media

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
Plated Media: Contact Plates					
C6045	TSA w/Lecithin & Polysorbate 80	10/pk	PK	443-3045	$24.99
Plated Media: Mono Plates, 100x15mm					
M1038	Potato Dextrose Agar, Deep Fill	10/pk	PK	443-7001	$11.92
M1006	Tryptic Soy Agar w/5% Sheep Blood	10/pk	PK	443-3006	$18.78
Tubed Media: 16x125mm					
K61	Lauryl Sulfate Tryptose Broth w/Durham Tube	10 mL/tb, 20 tb/bx	BX	443-3096	$31.26

BBL™ Dehydrated Culture Media

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
212304	Agar, Grade A	500 gr	JR	614-3334	$207.84
212303	Beef Extract Powder	500 gr	JR	614-3303	$155.03
211046	Blood Agar Base (Trypticase Soy Agar)	5 lb	PA	614-3046	$316.26
211059	Brain Heart Infusion	500 gr	JR	614-3059	$104.47
211065	Brain Heart Infusion Agar	500 gr	JR	614-3065	$148.25
292627	EE Broth Mossel	90mL/vl, 10vl/pk	PK	614-3627	$153.66
211260	Fluid Thioglycollate Medium	500 gr	JR	614-3160	$57.88
211870	Gelysate Peptone	500 gr	JR	614-3870	$85.81
211279	GN Broth	500 gr	JR	614-3279	$104.48
211338	Lauryl Sulfate Broth	500 gr	JR	614-3150	$80.47
211339	Lauryl Sulfate Broth	5 lb	PA	614-3339	$427.80
298076	Lauryl Sulfate Broth w/MUG	500 gr	JR	614-3076	$451.02
211327	LBS Agar	500 gr	JR	614-3980	$121.41
211331	LBS Broth	500 gr	JR	614-3018	$235.78
211221	Levine Fosine Methylene Blue Agar	500 gr	JR	614-3221	$83.30
211363	Lysine Iron Agar	500 gr	JR	614-3363	$170.83
211387	MacConkey Agar	500 gr	JR	614-3387	$80.47
211407	Mannitol Salt Agar	500 gr	JR	614-3407	$53.65
211436	Motility Test Medium	500 gr	JR	614-3436	$138.36
211383	MR-VP Broth	500 gr	JR	614-3383	$83.30
211443	Mueller Hinton Broth	500 gr	JR	614-3443	$105.89
211445	Mycophil Agar	500 gr	JR	614-3445	$280.96
211486	Orange Serum Agar	500 gr	JR	614-3487	$136.95
211539	Phenylethyl Alcohol Agar	500 gr	JR	614-3539	$104.47
211906	Phytone Peptone	500 gr	JR	614-3906	$88.46
211558	Purple Broth Base	500 gr	JR	614-3558	$149.66
211620	Simmons Citrate Agar	500 gr	JR	614-3620	$110.12
211638	Standard Methods Agar (Tryptone Glucose Yeast Agar)	500 gr	JR	614-3338	$93.18
211641	Standard Methods Agar (Tryptone Glucose Yeast Agar)	5 lb	PA	614-3641	$454.63
211921	Trypticase Peptone	454 gr	JR	614-3921	$92.74
211922	Trypticase Peptone	5 lb	PA	614-3922	$430.49
212305	Trypticase Soy Agar Modified (TSA II)	500 gr	JR	614-3305	$70.59
211043	Trypticase Soy Agar (Soybean-Casein Digest USP)	500 gr	JR	614-3043	$64.95
211768	Trypticase Soy Broth (Soybean Casein Digest, USP)	500 gr	JR	614-3768	$40.94
221261	Trypticase Soy Agar w/5% Sheep Blood (TSA II)	100 plates	BX	614-3261	$130.50
211929	Yeast Extract	454 gr	JR	614-3929	$116.26

Prices subject to change.

Difco® Dehydrated Culture Media

BD

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
214530	Agar, Granulated	500 gr	JR	181-3111	$119.18
265430	APT Agar	500 gr	JR	181-3424	$104.07
265510	APT Broth	500 gr	JR	181-3425	$84.11
232681	Antimicrobic Vial P	10 mL/vl, 6 vl/bx	BX	180-3818	$107.31
214050	Bacto Agar	100 gr	JR	181-3115	$88.65
214010	Bacto Agar	1 lb	JR	180-3114	$183.12
273300	Bismuth Sulfite Agar	500 gr	JR	181-3073	$120.00
276840	Baird-Parker Agar	500 gr	JR	181-3483	$221.66
237500	Brain Heart Infusion	500 gr	JR	181-3051	$100.25
228530	Brilliant Green Agar	500 gr	JR	181-3215	$100.24
273000	Brilliant Green Bile, 2%	100 gr	JR	181-3030	$66.35
274000	Brilliant Green Bile, 2%	500 gr	JR	181-3029	$97.41
218105	Buffered Peptone Water	500 gr	JR	181-3002	$83.30
270310	Cooke Rose Bengal Agar	500 gr	JR	181-3450	$148.97
281910	D/E Neutralizing Broth	500 gr	JR	181-3500	$90.36
227310	Desoxycholate Agar	500 gr	JR	181-3200	$80.47
215530	Dextrose	500 gr	JR	180-3119	$32.47
215510	Dextrose	2 kg	PA	181-3120	$88.94
280100	Dextrose Tryptone Agar	500 gr	JR	180-3080	$103.07
231430	EC Medium	500 gr	JR	181-3240	$115.77
212183	Elliker Broth	500 gr	JR	181-3535	$142.60
277910	EY Tellurite	100 mL/vl, 6 vl/bx	BX	180-3490	$221.66
211767	Fraser Broth Base	500 gr	JR	181-3146	$88.93
211766	Fraser Broth	2 kg	JR	181-3997	$329.26
211742	Fraser Broth Supplement	10 mL/vl, 6 vl/bx	BX	181-3145	$74.83
285340	Hektoen Enteric Agar	500 gr	JR	181-3510	$179.30
249610	KF Streptococcus Agar	500 gr	JR	181-3360	$128.48
290010	Lactobacilli Agar	100 gr	JR	180-3530	$74.82
288130	Lactobacilli MRS Broth	500 gr	JR	181-3524	$86.13
215620	Lactose	500 gr	JR	180-3120	$32.47
211835	Lactose Broth	500 gr	JR	181-3019	$66.35
241000	Lactose Broth	2 kg	PA	181-3021	$252.72
242000	Lactose Broth	10 kg	PA	181-3256	$1,205.75
224140	Lauryl Tryptose Agar	100 gr	EA	181-3140	$66.35
224150	Lauryl Tryptose Broth	500 gr	JR	181-3150	$87.54
224120	Lauryl Tryptose Broth	2 kg	PA	181-3151	$295.08
268110	Letheen Broth	500 gr	JR	181-3433	$134.12
294020	M Broth	500 gr	JR	180-3020	$111.53
267720	M FC Agar	500 gr	JR	181-3430	$151.06
218561	M 17 Broth	500 gr	JR	180-3695	$168.01
279100	McConkey Sorbitol	500 gr	JR	181-3100	$108.70
273620	M Endo Agar LES	500 gr	JR	181-3466	$169.42

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
274920	M Endo Broth MF	100 gr	JR	181-3469	$62.12
274930	M Endo Broth MF	500 gr	JR	181-3470	$124.23
274620	M Enterococcus Agar	500 gr	JR	181-3216	$176.48
212123	MacConkey Agar	500 gr	JR	181-3075	$72.00
239520	Malonate Broth	500 gr	JR	181-3520	$208.96
224200	Malt Agar	500 gr	JR	181-3046	$115.77
222530	Modified Oxford Agar	500 gr	JR	181-3530	$144.01
211763	Modified Oxford Antimicobic Supplement	10 mL/vl, 6 vl/bx	BX	181-3995	$169.52
275730	Mueller Hinton Broth	500 gr	JR	181-3478	$103.06
225250	Mueller Hinton Medium	500 gr	JR	181-3173	$79.05
281010	MYP Agar	500 gr	JR	180-7006	$124.24
236210	Neutralizing Buffer	100 gr	JR	180-3270	$39.53
213000	Nutrient Agar	500 gr	JR	181-3001	$117.18
233000	Nutrient Broth	100 gr	JR	181-3014	$46.59
234000	Nutrient Broth	500 gr	JR	181-3013	$104.48
211677	Peptone	500 gr	JR	181-3677	$95.50
218071	Peptone Water	500 gr	JR	180-3687	$70.58
247940	Plate Count Agar	500 gr	JR	181-3338	$81.89
247910	Plate Count Agar	2 kg	PA	181-3340	$306.38
213400	Potato Dextrose Agar	500 gr	JR	181-3038	$98.83
218081	Reinforced Clostridial Agar	500 gr	JR	181-3609	$98.83
248020	Rogosa SL Agar	500 gr	JR	181-3350	$121.41
218312	Rose Bengal Agar	500 gr	JR	180-3690	$145.43
274500	Salmonella Shigella (SS) Agar	500 gr	JR	181-3074	$94.59
210430	Tetrathionate Broth Base	500 gr	JR	180-3100	$52.24
226540	Triple Sugar Iron	500 gr	JR	181-3196	$70.60
236950	Tryptic Soy Agar	500 gr	JR	181-3271	$59.30
236940	Tryptic Soy Agar	100 gr	JR	181-3272	$31.06
211823	Tryptic Soy Broth	10 kg	EA	181-3273	$731.35
211824	Tryptic Soy Broth	100 gr	JR	181-3274	$25.41
211825	Tryptic Soy Broth	500 gr	JR	181-3275	$52.24
286220	Tryptic Soy w/o Dextrose	500 gr	JR	181-3519	$73.41
211705	Tryptone	500 gr	JR	181-3103	$78.90
211699	Tryptone	2 kg	PA	181-3104	$412.49
223000	Tryptone Glucose Extract Agar	500 gr	JR	181-3007	$117.18
222330	UVM Modified Listeria Enrichment Broth	500 gr	JR	180-3027	$91.77
211695	Violet Red Bile Agar	500 gr	JR	181-3034	$80.48
211687	Violet Red Bile Agar	2 kg	PA	181-3033	$321.91
229100	Violet Red Bile Agar w/MUG	500 gr	JR	181-3035	$307.78
278850	XLD Agar	500 gr	JR	181-3494	$125.66
271210	Yeast Mold Agar	500 gr	JR	181-3991	$155.30
212750	Yeast Extract	500 gr	JR	181-3107	$103.81
212730	Yeast Extract	10 kg	EA	181-3106	$1,741.31
212720	Yeast Extract	2 kg	PA	181-3108	$350.20

Call Customer Service at 800-826-8302

LACTIC ACID TESTING ACCESSORIES, DEHYDRATED MEDIA, & PETRI DISHES

Acumedia®

Value-priced Acumedia is ISO-9001 quality certified and provided with extensive documentation to meet even the most intensive regulatory requirements. Acumedia sources bovine components only from designated BSE/TSE-free countries.

Description	Pkg	Unit	Stock#	PRICE
Standard Methods Agar	500 g	JR	498-3157	$69.76
Violet Red Bile Agar	500 g	JR	498-3165	$66.91
Potato Dextrose Agar	500 g	JR	498-3149	$79.39
Lactobacilli, MRS Broth	500 g	JR	498-3406	$70.36
Lactobacilli, MRS Broth	2 kg	PA	498-3740	$267.42

BBL™ GasPak™ Anaerobic Environmental Systems

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
260626	GasPak 100 System Polycarbonate Incubation Jar	12 plate capacity	EA	614-3626	$512.17
270303	GasPak 150 Catalyst Charges	10/pk	PK	614-3301	$133.37
260001	GasPak EZ Anaerobe Sachets w/Indicator	20/pk	PK	614-3021	$73.11
271051	GasPak Dry Anaerobic Indicator Strips	100/pk	PK	614-3051	$99.01
260678	GasPak EZ Anerobe Sachets	20/bx	BX	614-3262	$69.90
260683	GasPak EZ Anerobe Pouch System	25/pk	PK	614-3683	$91.25
260671	GasPak EZ Incubation Chamber (holds 15 plates)	1/pk	EA	614-3142	$107.92
260673	GasPak Incubation Chamber Petri Dish Rack	1/pk	EA	614-3979	$77.78

Pyrex® Glass Petri Dish

Flat, clear dish with beaded edges withstands repeated sterilizations. Reference point marked for serial dilutions. 100 mm x 15 mm. Cover and bottom sold separately or complete set below.

Description	Pkg	Unit	Stock#	PRICE
Bottom	12/cs	EA	156-3652	$4.68
Cover	12/cs	EA	156-3662	$4.44
Complete set	12 sets/pk	BX	140-3006	$99.71

Disposable Petri Dish

100% sterility guaranteed. These plastic Ultra-Dish petri dishes are packed in a double-sealed polyethylene sleeve to keep dishes sterile during transit, storage and handling. These heavy, clear dishes have consistently flat bottoms (never more than 0.005″ off flat from edge to center). Flat dishes require less media for adequate coverage in the center of the dish. Stacking dishes feature a vertical stacking ring on lid to assure stable stacking. Designed for easy one-handed opening and closing. Edges are squared off to provide a firm, sure grip. Certificate of sterility is available upon request.

Size	Pkg	Wt	Unit	Stock#	PRICE
100 mm x 10 mm, Non-stacking	750/ca	30	CA	211-3904	$122.61
100 mm x 10 mm, Non-stacking	750/ca	21	CA	716-2400	$330.75
100 mm x 15 mm, Stacking	500/ca	21	CA	211-3001	$69.96
100 mm x 15 mm, Non-stacking	500/ca	21	CA	211-3500	$63.89
100 mm x 15 mm, Slippable	500/ca	21	CA	250-3015	$59.25
100 mm x 20 mm, Non-stacking	500/ca	18	CA	211-3004	$85.78
100 mm x 25 mm, Stacking	325/ca	24	CA	716-3107	$117.59

Prices subject to change.

COLONY COUNTERS & MICROBIOLOGICAL ACCESSORIES

Petri Dish Holder

Neatly racks up to eighteen 100 x 15 mm dishes. Blue vinyl coating. 4-1/2"L x 9"W x 7"H.

Unit	Stock#	PRICE
EA	446-3311	$29.97

Falcon 1034 Rodac™ Petri Dishes

For determining level of microbial contamination of surfaces in environmental studies. Pour your own plates and save money. 65 mm x 15 mm. 10 mm grid with 21 squares. Surface area: approximately 25 sq. cm. Complete with cover. Sterile. 500/case.

Unit	Stock#	PRICE
CA	156-3670	$395.82

REICHERT® DARKFIELD QUEBEC® Colony Counter

Count bacterial colonies accurately and quickly with this colony counter. Adjustable dish holder centers round dishes up to 100 mm, and square culture plates up to 100 mm x 100 mm. Darkfield illumination ensures even, glare-free viewing. Light is spread uniformly over the entire culture plate or dish. Colonies are bright and easily distinguished. Adjustable magnification lens rotates a full 360 degrees. Tilt leg for ergonomic use. Optional 1.5X auxiliary lens fits over standard lens to magnify to 3X. 110V. 1-year warranty.

Model	Description	Unit	Stock#	PRICE
3325	Colony counter, manual	EA	155-3160	$963.00
3338	Colony counter guide plate holder	EA	155-3161	$100.80

Heathrow Mini Light Box & Mini Magnifier

Mini Light Box saves bench space and can be stored in a drawer. Powered by four AA batteries (included). Measures 161 x 135 x 44 mm(6.5 x 5.25 x 1.75"). Mini Magnifier enlarges objects 1.75x magnification for easier counting. The swiveling, molded lens measures 185 x 100 mm (7.25 x 4") and the stand is 207mm (8") high.

Description	Unit	Stock#	PRICE
Mini Light Box, w/ batteries	EA	320-3093	$113.48
Mini Magnifier	EA	320-3094	$118.70

Flash-O-Lens Magnifier

Precision 5X magnifier with built-in illumination. A small bulb mounted in the handle spotlights the magnified field of vision. Battery model for complete portability. Fixed focus lens of top-quality optical glass magnifies 5X with a 2" field of vision and 1-3/8" working distance. Also described as a "Mite Light".

Unit	Stock#	PRICE
EA	537-3005	$95.78

Counter-Pen

Economical combination marker and digital counter for bacterial colonies on petri dishes and Petrifilm™. It can also be a useful tool in the plant when used for inventory parts and tally samples received. Sound and count occur simultaneously when black mark is made with the felt-tipped pen and LCD displays the count. Pen marks hold place if interrupted and counter holds total. This ABS plastic item counts to 99,999 and has a reset button and on/off switch. Complete with replaceable pen, cap and battery.

TRACEABLE® PRODUCTS

Size	Unit	Stock#	PRICE
6" x 0.66"	EA	132-3333	$19.92

eCount™ Colony Counter

An all-in-one eCount combines a multi-function electronic counter with a Sharpie® marker for marking petri dishes or Petrifilm™ to prevent missing or double-counting colonies. Light, ergonomic body is balanced for easy manipulation. Touch controls for multiple counts, sums, counting up or down, and has the ability to keep up to 32 separate counts in memory. Counter automatically beeps with each count, or select the LED flash mode for a visual alert of each count. Press the lock key to write with Sharpie marker without counting, which makes writing count totals simple. eCount comes with one fine-point Sharpie marker and weighted stand.

Size	Unit	Stock#	PRICE
7" Length	EA	320-3092	$237.07

Call Customer Service at 800-826-8302

MICROBIOLOGICAL ACCESSORIES

Hand-Held Counter

Tallies up to 9999 items. Quickly resets to zero. Useful for counting bacterial colonies, drops from a pipet, etc.

Unit	Stock#	PRICE
EA	155-3173	$23.70

PALL LIFE SCIENCES Culture Pads and Dish

Ideal for culturing organisms recovered on Metricel™ filters or any microbiological procedure. Saturate these pure cellulose fiber pads with nutrient broth. Pads sold in kit or with 50 mm petri dish. Kit consists of 1000 pads (10 cartridges) and handy dispenser.

Description	Pkg	Unit	Stock#	PRICE
Absorbent pad kit, 47 mm	10 cartridges/bx	BX	220-3320	$252.49
Absorbent pad w/petri dish	100/pk	PK	254-3325	$60.04
Petri dish, 50 x 9 cm	100/pk	PK	156-3668	$57.04

PALL LIFE SCIENCES Magnetic Filter Funnel

Designed for the vacuum filtration of liquids, and especially useful for potable water testing using the Membrane Filter (MF) technique.

- No-leak magnetic seal allows one-hand operation.
- Polyphenylsulfone construction is compatible with anti-foaming agents and many other solvents.
- Convenient, 150 mL size allows for easy fit into small autoclaves and 300 mL size is ideal for larger samples.
- Sturdy and safe construction provides durability and added safety at a cost less than most glass funnels.
- Easy filter retrieval with forceps access point.
- Graduated at 50 mL increments for accurate sample measurement.

Capacity	Unit	Stock#	PRICE
150 mL	EA	254-3247	$281.99
300 mL	EA	254-3361	$314.66

Inoculating Loop Holder

Disposable Inoculum Spreaders

End the hassles of making your own spreaders from glass rods and pipets. With unique L-shaped style, these sterile plastic spreaders disseminate cells onto the surface of a petri dish rapidly and smoothly. They're more convenient, and easier to use than glass rods or pipets.

Pkg	Unit	Stock#	PRICE
10/bg, 50 bg/pk	BX	211-3301	$52.94

Disposable Inoculating Loops and Needles

Loops and needles are flexible to facilitate uniform and smooth streaking without damaging the gel surface. Packed sterile in safe, tamper proof, zip-seal resealable bags. These disposable loops and needles eliminate cross contamination due to improper sterilization. Color-coded for easy size identification. Total length is 22.7 cm. 25 each/pack, 40 packs/case.

Description	Size	Unit	Stock#	PRICE
Blue loops	1 µL (0.001 mL)	CA	211-3401	$69.19
Blue loops	1 µL (0.001 mL)	PK	211-3402	$3.43
Yellow loops	10 µL (0.01 mL)	CA	211-3403	$69.19
White needles	-	CA	211-3405	$69.19

Disposable Inoculating Loops

Eliminate the need for flaming with these disposable, plastic loops. 9″ long, yellow, individually wrapped. For sterile, general applications such as streaking or transfers. 250/case.

Volume	Dimension	Unit	Stock#	PRICE
10 µL (0.01 mL)	3.5 mm ID	CA	155-3374	$56.52

Needle and Holder

3-1/8″ nickel-plated brass holder holds needle securely by adjustable screw chuck. Comes complete with one 2″ straight needle. Bend to suit or order optional curved needles.

Description	Pkg	Unit	Stock#	PRICE
Holder w/straight needle	12/ca	EA	155-3430	$25.54
Curved needle	36/pk	EA	&20-3980	3.41
Curved needle	36/pk	PK	220-3390	$51.09

Prices subject to change.

MICROBIOLOGICAL ACCESSORIES

Precision designed holder. Kolle type. Nickel-plated brass adjustable chuck holds both wire and foil. Aluminum handle with plastic sleeve.

Overall Length	Unit	Stock#	PRICE
10" (250 mm)	EA	155-3372	$14.76

Inoculating Loops, APHA

B & S gauge no. 19 platinum wire with 3.5% rhodium loops for delivery of specified volumes. Meets APHA requirements. Use #53 and #54 drill bits to check 0.001 mL inoculating loop. Loop should fit over #54 bit, but not #53.

Volume	Dimension/ Description	Unit	Stock#	PRICE
0.001 mL (1 µL)	1.45 mm ID	EA	155-3370	$200.04

Inoculating Loop with Handle

3 mm loop with fused handle. Nichrome wire 3″ long with 6″ aluminum handle is economical and used for qualitative transfers to streak plates, broth, and more.

Unit	Stock#	PRICE
EA	373-3308	$10.25

Nova Microcinerator/Slide Dryer

Designed to sterilize your metal inoculating loops and needles without an open flame; eliminating aerosaling of micro organisms. By using infrared heat inside a ceramic tube, the Nova Microcinerator protects your laboratory technicians from dangerous gases, flames, and splatter and can also be used as a slide dryer. The Nova can be adjusted to five different positions. The optimum sterilization temperature reaches 815°C (1500°F). Your loop or needle is sterilized within 5 to 7 seconds. To be used as a slide dryer, the slide dryer rest fits right on top of the microcinerator to dry your slides evenly. The microcinerator is 9.5″ x 6″ x 6.5″.

Description	Unit	Stock#	PRICE
Nova Microcinerator	EA	524-3009	$467.23
Slide dryer plate	EA	524-3010	$78.75

Adjustable-Flame Bunsen Burners

Straight tube burners allow flame to be adjusted from 3/4″ to 12″ (10 to 305 mm). Flame retainer, which is supplied with natural gas and LP models, prevents flame from lifting or extinguishing. Adjustable air and gas controls. Rustproof construction. Side-arm 13 mm OD. Models available for two types of gas supply.

Gas Supply	BTU/cu.ft.	Height	Unit	Stock#	PRICE
Natural	800 to 1200	165 mm	EA	155-3073	$86.54
LP	2400 to 3300	165 mm	EA	155-3074	$54.00
Accessories					
Rubber tubing	⁵⁄₁₆" ID x ³⁄₃₂" wall	12'/rl	RL	220-3378	$105.92

Wheaton 400 Alcohol Burner

Wheaton 400 borosilicate glass alcohol lamp with wick, metal wick holder, and cap to extinguish flame and prevent evaporation. Low heat flame is well-suited for microscopy purposes. Unit supplied with ground glass cap. 100 mL. Uses ethanol (#154-3283), sold separately.

Description	Pkg	Unit	Stock#	PRICE
Alcohol burner	6/ca	EA	220-3090	$40.70
Replacement wicks	25/pk	PK	220-3091	$42.62

Safety Gas Lighter for Burner

A flint, which produces a spark, is protected by a special hood. The hood causes a gas pocket to form which assures instant, safe lighting.

Description	Pkg	Unit	Stock#	PRICE
Lighter	Each	EA	155-3390	$5.85
Replacement flints	5/pk	PK	220-3391	$3.33

Call Customer Service at 800-826-8302

WATER & SYRINGE FILTRATION

PALL LIFE SCIENCES Microbiological Media

Mfg Part#	Description	Pkg	Unit	Stock#	PRICE
Glass Ampoules					
68102	MF-Endo Broth, Total Coliforms, 2 mL/ampoule	20/pk	PK	254-3102	$57.77
Plastic Ampoules					
68105	MF-Endo Broth, Total Coliforms, 2mL/ampoule	50/pk	PK	254-3105	$94.79

PALL LIFE SCIENCES METRICEL™ GN-6 Membrane Filters

Comply with government requirements for determining coliform levels. Used in APHA methods to determine bacterial levels in water, sewage, beverages, and dairy products. Available in grid or plain patterns. Packaged in bulk pack or individually sterile wrappers. Mixed cellulose esters. 0.45 mm pore size.

Mfg Part#	Description	Diameter	Pkg	Unit	Stock#	PRICE
66278	Grid, individually wrapped	4.7 cm	200/pk	PK	254-3281	$190.59
63068	Plain, non-sterile	2.5 cm	100/pk	PK	155-3279	$109.35

PALL LIFE SCIENCES Maxi Capsule Filter with Vent

Combine the efficiency of a flat membrane filter with the large filtration surface area of a pleated filter with these pleated maxi capsules, with double-layer membranes. Versatile enough to use on reagents, media, enzymes, water, and even air. Provides high volume air or liquid filtration at an economical cost. Vent provides greater flow rates by releasing excess air when liquids are introduced. 1/2" hose barb nipples. 8-1/2" overall. 2.4" diameter. Pre-sterilized. Autoclavable. 0.2 micron diameter pore size.

Mfg Part#	Unit	Stock#	PRICE
12112	EA	155-3284	$221.78

Syringe Filter Assemblies
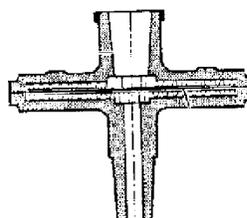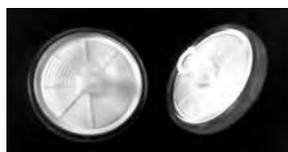
Individually packaged, sterile filter assemblies. Typically used to filter whey for bacteriophage testing or prepare neutralizing buffer for environmental swabs. Attach to syringe with female Luer-Lok™ in/male luer out. Maximum pressure: 75 psi.

- Heavy-duty; PVC housing enables this assembly to withstand greater syringe pressures. Ethylene oxide sterilized. Most popular for phage testing.
- Standard assemblies feature membranes which are sealed in modified acrylic housings and supported on both sides for bidirectional flow. Radiation sterilized.

Description	Pore Size	Membrane	Pkg	Unit	Stock#	PRICE
Heavy-Duty, 33 mm						
Millipore	0.45 µm	Cellulose	50/bx	BX	447-3001	$160.06
GEWhatman	0.45 µm	Cellulose	50/pk	PK	741-3655	$131.25
Standard, 25 mm						
Pall	0.45 µm	Polysulfone	50/bx	BX	155-3265	$215.87
GEWhatman	0.45 µm	Polysulfone	50/pk	PK	741-3855	$113.40
Pall	0.2 µm	Polysulfone	50/pk	PK	254-3270	$215.88
GEWhatman	0.2 µm	Polysulfone	50/pk	PK	741-3755	$113.40

Prices subject to change.

MICROBIOLOGICAL STAINS, REAGENTS & ENRICHMENTS

Rappaport Vassiliadis R10 Broth

10 mL prepared Rappaport Vassiliadis R10 broth tubes are perfect for the selective enrichment of Salmonella ssp. and Shigella spp. The tubes are 16 x 125 mm. 20 tubes/pack.

Unit	Stock#	PRICE
PK	304-3167	$36.80

Difco® Serology

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
224061	Salmonella H Antiserum Poly A-Z	3 mL	VI	180-3743	$110.01
222641	Salmonella O Antiserum Poly A-1 & VI	3 mL	VI	180-3700	$81.02

BBL™ Stain Kits and Reagents

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
240827	Coagulase Plasma, Rabbit w/EDTA	1 mL lyophilized, 10/bx	BX	614-3827	$80.44
212525	Gram Crystal Violet	250 mL/btl, 4 btl/pk	PK	614-7007	$55.76
212527	Gram Decolorizer	250 mL/btl, 4 btl/pk	PK	614-3830	$49.98
212531	Gram Safranin	250 mL/btl, 4 btl/pk	PK	614-3296	$48.76
212539	Gram Stain Kit	250 mL/btl, 4 btl/kit	KT	614-3297	$53.07

Difco® Stains and Reagents

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
264310	Triphenyl Tetrazolium Chloride (TTC)	25 gr	JR	180-3419	$120.01
211731	Bromthymol Blue	5 gr	JR	180-3130	$88.94
231121	Triphenyl Tetrazolium Chloride (TTC) Solution, 1%	30 mL	VI	180-3800	$36.70

Check out our full line of Microbiological Supplies, Media, Test Kits, and Accessories to make your testing quick and easy.

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Call Customer Service at 800-826-8302

ENRICHMENTS, DILUTION POUCHES & PREPARED MEDIA

3M™ Enrichment Pouches

3M

Quick-Enrich™ is a convenient alternative to making and sterilizing media. 3M adds 225 mL of a variety of pre-made Salmonella and Listeria enrichment broths to stand-up pouches. The flat-bottom of these pouches ensures stability while the wire tab holds the top open to give you the advantage of "hands-free" sample addition. The pouch is constructed of a multi-laminate plastic that is puncture resistant. Each case is gamma irradiated to ensure the highest level of sterility and has a 2-year shelf life from the date of manufacture. To enrich a sample, simply stand the pouch on a flat surface. Cut open the top with a scissors and bend the wire tab toward the center to hold the pouch open. Add the sample, then place the pouch into the blender. Once blending is completed, simply fold or whirl the bag over to close twisting the ends of the tabs together to secure into place. Quick-Enrich is now ready to incubate.

Mfg. Part #	Description	Pkg	Unit	Stock#	PRICE
QEBPW225	Buffered Peptone Water, 225 mL	32/ca	CA	351-3042	$65.15
QEBPW225F	Buffered Peptone Water with Filter, 225 mL	32/ca	CA	351-3043	$112.44
QEMBPW225	Modified Buffered Peptone Water, 225 mL	32/ca	CA	351-3044	$73.56
QELAC225	Lactose Broth, 225 mL	32/ca	CA	351-3045	$57.79
QELAC225F	Lactose Broth with Filter, 225 mL	32/ca	CA	351-3046	$102.98
QETSB225	Tryptic Soy Broth, 225 mL	32/ca	CA	351-3047	$75.66
QEEUVM225	UVM Broth, 225 mL	32/ca	CA	351-3048	$80.91

3M™ Dilution Pouches

Heavyweight, puncture-resistant pouches are ideal for many sample preparation and enrichment procedures. The flat bottoms allow the pouch to stand on its own, freeing the technician to work with both hands. Strong enough to use in a blender, pre-filled bags are available with or without filter.

Mfg. Part #	Description	Pkg	Unit	Stock#	PRICE
QDBFD225	Butterfield's Buffer, 225 mL	32/ca	CA	351-3001	$55.69
QDBFD225F	Butterfield's Buffer with Filter, 225 mL	32/ca	CA	351-3002	$104.03
QDBFD450	Butterfield's Buffer, 450 mL	16/ca	CA	351-3003	$38.88
QDBFD99	Butterfield's Buffer, 99 mL	50/ca	CA	351-3004	$97.72

3M™ Prepared Culture Media

A cost-effective and convenient alternative to making and sterilizing media. Each bottle is pre-filled with 90 mL of the broth. The bottles are made of strong, lightweight, PET plastic that resists breaking while providing the clarity of glass. A generous 40 mm headspace and a 55 mm bottle opening make it easy to add samples. No other bottle is easier to open. The Lift 'n Peel Liner has more surface area to grasp, so you can have better grip, even with gloves. This secure liner resists leaking during shipment, preventing contamination. Meets USP guidelines and is terminally gamma-irradiated rather than sterile-filled, ensuring a high level of sterility.

Description	Pkg	Unit	Stock#	PRICE
Letheen Broth	36/ca	CA	351-3050	$85.12
Tryptic Soy Broth	36/ca	CA	351-3051	$85.12

Prices subject to change.

3M™ Flip-Top Dilution Bottles

The handy flip-top style provides a fast, easy and reliable bottle for sample handling. Flip-top lids can be opened with one hand and the hinged lid stays open for easy sample additions.

Mfg. Part #	Description	Pkg	Unit	Stock#	PRICE
FTBFD90	Butterfield's Buffer, 90 mL	66/ca	CA	351-3890	$38.88
FTBFD99	Butterfield's Buffer, 99 mL	66/ca	CA	351-3899	$38.88
FTPHB9066	Phosphate Buffer, 90 mL	66/ca	CA	351-3669	$38.88
FTPW9066	Peptone Water, 90 mL	66/ca	CA	351-3090	$51.49
FTPW99	Peptone Water, 99 mL	66/ca	CA	351-3098	$51.49
FTPHB9966	Phosphate Buffer, 99 mL	66/ca	CA	351-3550	$38.88

3M™ Mini Flip-Top Dilution Vials

Flip-top lids can be opened with one hand and the hinged lid stays open for easy sample additions. Cost effective alternative to in-house preparation.

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
9 mL					
BPPFV9BFD	Butterfield's Buffer, 9 mL	100/ca	CA	351-3202	$55.69
BPPFV9BPW	Buffered Peptone Water, 9 mL	100/ca	CA	351-3005	$55.69
BPPFV9LB	Letheen Broth, 9 mL	100/ca	CA	351-3006	$55.69
BPPFV9MRS	MRS Broth, 9 mL	100/ca	CA	351-3007	$55.69
BPPFV9MRD	Maximum Recovery Diluent, 9 mL	100/ca	CA	351-3008	$55.69
10 mL					
BPPFV10BPW	Buffered Peptone Water, 10 mL	100/ca	CA	351-3059	$55.69
BPPFV10LB	Letheen Broth, 10 mL	100/ca	CA	351-3060	$55.69
BPPFV10NB	Neutralizing Buffer, 10 mL	100/ca	CA	351-3061	$55.69

pH Stock Dilution Buffer Concentrate

Save time by not having to prepare phosphate buffer stock solution. With these stock dilution buffers, the time-consuming and tedious preparation step is already done. Simply add 1.25 mL of certified stock buffer to one liter of microbiologically suitable water, and your dilution water for microbiological testing is complete as specified in Standard Methods. Creates a 7.2 pH stock dilution.

Quantity	Unit	Stock#	PRICE
½ Pint	BO	534-3401	$14.43
1 Pint	BO	534-3405	$22.37
1 Quart	BO	534-3409	$35.55

Hygiena QD-Loops™

Reduce labor and time preparing samples with these disposable, ready-to-use sampling and dilution devices. Each has 1 mL of Butterfield's diluent. The tips are designed for collecting the required amount of liquid sample for a given dilution. Use combinations of the devices in order to perform any dilution required.

Dilution Factor	Pkg	Unit	Stock#	PRICE
Boxes, 250/bx				
1:10	250/bx	BX	332-3000	$225.00
1:100	250/bx	BX	332-3104	$225.00
1:1000	250/bx	BX	332-3105	$225.00
Packs, 25/pk				
1:10	25/pk	PK	332-3175	$225.00
1:100	25/pk	PK	332-3125	$225.00
1:1000	25/pk	PK	332-3150	$225.00

Call Customer Service at 800-826-8302

MICROBIOLOGICAL TEST KITS

Petrifilm™ Soft Serve Coliform Test Kit

Take control of the quality and safety of your soft serve and milkshake products with this convenient and reliable on-site test. Everything you need to perform 50 coliform tests is in this kit. Results in only 24 hours or sooner, at about $2 per test. Use to quantify coliform count in your mix, check cleanliness of soft serve machines, test the quality of your products, and reinforce good sanitary practices among employees.

INCLUDES:

50 QD™ Loops 1:10 dilution for easy sampling.

50 3M™ Petrifilm™ Coliform Count Plates.

25 Incubation/disposal bags.

1 Step-by-step instruction sheet.

1 Petrifilm Interpretation Guide.

1 Petrifilm Spreader.

The Compact Incubator #004-3100 (sold separately) provides a low-cost way to incubate samples on site or in a vehicle.

Unit	Stock#	PRICE
KT	483-3501	$108.15

3M™ Cattle/Swine/Turkey Testing

Meets USDA guidelines for HACCP carcass swabbing of beef, swine and turkey.

Choose either a complete carcass sampling kit or purchase items individually. The complete cattle/swine kit enables you to take 15 samples. Each kit includes 25 mL buffer solution, a template, sample sponge with gloves, and a sample bag. We offer Butterfield's buffer for E.coli testing or buffered peptone water for Salmonella testing.

Each screw-cap bottle is filled with 25 mL of buffer. There is a demarcation at 15 mL so you can easily perform the USDA recommended procedures for sample preparation and collection. Templates are sterile, individually wrapped pieces of flexible plastic that conform to the uneven surfaces encountered during carcass sampling. Choose either a cattle template to sample a 10 x 10 cm area on a beef or swine carcass, or the poultry template to sample a 5 x 10 cm area on a turkey carcass.

Mfg. Part #	Description	Pkg	Unit	Stock#	PRICE
Cattle/Swine Complete Kit					
UKIT025BPW	Cattle/Swine Kit with 25 mL Buffered Peptone Water	15/kt	KT	351-3052	$115.59
USDAKIT025	Cattle/Swine Kit with 25 mL Butterfield's Buffer	15/kt	KT	351-3053	$66.20
Turkey/Poultry					
BR-B-3500	USDA Bird Rinse Bags	500/ca	CA	351-3101	$221.87
USDA050	Poultry Template, 50 sq cm	ea	EA	351-3135	$1.84
USDA050	Poultry Template, 50 sq cm	100/ca	CA	351-3056	$92.47
Cattle only					
USDA100	Cattle Template, 100 sq cm	ea	EA	351-3130	$1.84
USDA100	Cattle Template, 100 sq cm	100/ca	CA	351-3055	$92.47
USDA25BPW	Buffered Peptone Water, 25 mL	100/ca	CA	351-3057	$120.84
USDA25BFD	Butterfield's Buffer, 25 mL	100/ca	CA	351-3010	$120.84
Accessories					
BP237SPG	Sponge/Glove Sampling System, 18-oz bag	ea	EA	' 51-3137	2.83
BP237SPG	Sponge/Glove Sampling System, 18-oz bag	100/ca	CA	351-3058	$141.86

More 7arcass Gampling ?its on the next page...

Prices subject to change.

Nasco Meat/Turkey Carcass Sampling Kit
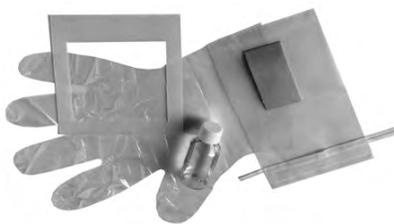
This easy-to-use kit is designed for sampling meat and turkey carcasses to test for the presence of E.coli. While wearing sterile gloves, moisten sponge with half of the peptone water. Wipe carcass in three places for meat and two places on turkeys using the sterile templates. Return sponge to bag and add the rest of the peptone water. The bag is sent to the lab for testing. The kit contains:

• 25 pair of sterile polyethylene gloves.
• 25 mL buffered peptone water.
• 25 Whirl-Pak® Speci-Sponge bag.
• 50 disposable sterile templates (25 for meat carcasses, 25 for turkey).

Pkg	Unit	Stock#	PRICE
25 tests/kit	KT	486-3327	$137.98

3M™ Bird Rinse Bags

Prepare your samples with ease using bags designed for poultry processors to test for E.coli. Designed to meet USDA specifications. 15"W x 20"L. 500/case.

Unit	Stock#	PRICE
CA	351-3101	$221.87

Want more from 3M™?
We offer the full line of 3M™ Food Safety Products!

Call our Laboratory Products Specialists at 800-826-8302.

ATP MONITORING

3M™ Clean-Trace™ LM1 Hygiene Monitoring & Management System

The touch screen 3M Clean-Trace Luminometer features ease of use, faster result times, and a sleek, ergonomic design that allows for one-handed operation. The total Clean-Trace Hygiene Monitoring and Management System with Bluetooth® technology provides you with quick, accurate results, measuring the effectiveness of your cleaning and sanitation programs. The powerful and flexible software has a redesigned dashboard, making it easy to collect, store and retrieve test result reports. It turns your data into information to help you identify root causes and take corrective actions quickly. The new, convenient wireless and networking capabilities also enable you to download photos to the luminometer.

Features of Luminometer:

- Stands up to harsh manufacturing environments.
- Durable, impact resistant casing.
- User-friendly touch screen.
- Flip-out foot allows device to stand upright.
- Ergonomic design allows for one-handed operation, regardless of hand size.
- Self-diagnostic check on start-up.
- Secure data cannot be changed on hardwire.

Features of Software:

- Redesigned dashboard consolidates information.
- Common tasks – 1 click access to key features.
- Easily randomize test point in sample plans.
- Simplified data displays help you make more educated decisions.
- Confidently identify trouble spots to improve cleaning and reduce downtime for faster production start-up.
- Convenient, audit ready reports.

Mfg Part #	Unit	Stock#	PRICE
LM1	EA	351-3400	$2,975.00

3M™ Clean-Trace™ NG ATP Luminometer

By using the highly sensitive and repeatable Clean-Trace NG (Next Generation) ATP Luminometer from 3M, you can be confident that the results you obtain provide a clear picture of cleaning performance. Therefore, the actions taken on the basis of the results are sound ones that can save your company time and money. In an independent study by Cara Technology Limited, four commercially available ATP bioluminescence systems were tested for repeatability of low level ATP measurement. In the study, 30 tests were performed in accordance to the manufacturer's directions. To measure repeatability, the swabs were spiked with identical amounts of ATP for each test reading. The study concluded the 3M Clean-Trace NG Luminometer and Clean-Trace Surface ATP test "was the most repeatable." This means you can be confident the 3M Clean-Trace System is providing you with reliable information to help you make the correct decisions for your plant, whereas other systems may leave you guessing. This report is available upon request. The hand held Clean-Trace NG Luminometer is highly portable, compact, and simple to use. The luminometer is supplied with a flexible data trending software that allows a variety of options, including clear identification of retest results alongside original results showing remedial actions and demonstrating due diligence. The full trend analysis capabilities include filtering, sorting, charting, and graphing make reporting a snap. The luminometer comes complete with charger and software.

Description	Unit	Stock#	PRICE
Clean-Trace NG Luminometer	EA	351-3063	$2,133.33
Docking station for computer (optional)	EA	351-3728	$198.60

Prices subject to change.

3M™ Clean-Trace™ Surface ATP Test Swabs

With its unique liquid stable enzyme, this test offers superior levels of repeatability. This aspect of its performance and its incredible simplicity is why customers throughout the world have put Clean-Trace at the heart of their hygiene monitoring programs. Results measured in relative light units (RLU), swabs can be used in both the 3M Clean-Trace NG Luminometer or the 3M Clean-Trace LMI Luminometer Hygiene Monitoring Management System. Use #351-3210 Positive Control for verification (sold separately).

Description	Pkg	Unit	Stock#	PRICE
Swabs	100/ca	CA	351-3038	$266.90

3M™ Clean-Trace™ Water ATP Test Swabs

A dedicated ATP water test that is designed to prevent sampling inaccuracy inherent in collecting a water sample with a swab. Its overall simplicity makes it a powerful addition to your hygiene program. Results measured in the 3M Clean-Trace NG Luminometer and provided in relative light units (RLU).

Mfg. Part #	Description	Pkg	Unit	Stock#	PRICE
AQF100	Water Free ATP	100/ca	CA	351-3040	$334.16
AQT200	Water Total ATP	100/ca	CA	351-3039	$334.16

3M™ Clean-Trace™ ATP Positive Control

The positive controls for the 3M Clean-Trace ATP Luminometer (#351-3063) or the 3M Clean-Trace LMI Luminometer Hygiene Monitoring and Management System (#351-3400). Can be used quickly and easily to provide a periodic verification of equipment performance. These controls can also be used for the verification of the 3M Surface Protein Allergen Swabs (#351-3062) and the 3M Surface Protein Plus Swabs (#351-3041). 10 test vials per case.

Mfg Part #	Unit	Stock#	PRICE
ATP10	CA	351-3210	$39.93

Hygiena EnSURE™ Luminometer

Hygiena's EnSURE monitoring system uses a single instrument to collect, analyze, and report data from multiple quality tests. Using new state of the art technology, the EnSURE system is an easy-to-use, flexible, and accurate quality environmental monitoring system. This system tests for ATP from surface liquid samples, as well as high sensitivity ATP from surfaces. In addition to ATP, rapid microorganism tests for products and surfaces can also be done on the instrument using MicroSnap enrichment and detection devices. This unit connects to the provided SureTrend software via USB. Powered by 2 AA batteries. Find the right product for your application below.

Description	Pkg	Unit	Stock#	PRICE
Instrument				
Ensure Luminometer		EA	332-3300	$1,700.00
Unit Calibration				
Calibration Kit	kt	KT	332-3998	$325.00
ATP Surface Monitoring				
UltraSnap ATP Swabs	1/ea	BX	332-3111	$215.00
Positive ATP Control	25/bx	BX	332-3400	$90.00
ATP Water Monitoring				
AquaSnap ATP Swabs - Total	100/bx	BX	332-3210	$237.00
AquaSnap ATP Swabs - Free	100/bx	BX	332-3178	$237.00
High Sensitivity ATP Monitoring				
SuperSnap ATP Swabs	100/bx	BX	332-3330	$255.00
Microorganism Detection				
MicroSnap E.coli and Coliform Detection Device	100/bx	BX	332-3320	$225.00
MicroSnap E.coli and Coliform Enrichment Device	100/bx	BX	332-3340	$135.00
MicroSnap E.coli and Coliform Enrichment Broth	100/bx	BX	332-3350	$135.00
MicroSnap Total TVC Enrichment Device	100/bx	BX	332-3360	$100.00
MicroSnap Total TVC Detection Device	100/bx	BX	332-3370	$125.00

Call Customer Service at 800-826-8302

ATP MONITORING

Hygiena SystemSURE Plus™ Luminometer

The systemSURE Plus rapid ATP sanitation monitoring system uses advanced photodiode technology and easy-to-use functionality to provide an affordable way to monitor and verify cleaning processes at your facility. Can be used for solid surfaces and liquid samples, with unprecedented accuracy and reproducibility. This unit connects to the provided SureTrend software via USB. Powered by 2 AA batteries. Find the right swab for your application below.

Description	Pkg	Unit	Stock#	PRICE
Instrument				
SystemSURE Plus luminometer		EA	332-3112	$1,475.00
Unit Calibration				
Calibration Kit	kt	KT	332-3998	$325.00
ATP Surface Monitoring				
UltraSnap ATP Swabs	1/ea	BX	332-3111	$215.00
Positive ATP Control	25/bx	BX	332-3400	$90.00
ATP Water Monitoring				
AquaSnap ATP Swabs - Total	100/bx	BX	332-3210	$237.00
AquaSnap ATP Swabs - Free	100/bx	BX	332-3178	$237.00
High Sensitivity ATP Monitoring				
SuperSnap ATP Swabs	100/bx	BX	332-3330	$255.00

Hygiena Snapshot™ ATP Device for Charm Luminometers

An all-in-one, single shot device for rapid hygiene monitoring using ATP bioluminescence. Its unique liquid-stable reagent ensures unbeatable performance and reproducible results. For Charm luminometers only. An adapter is required. 100/box.

Use With	Adapter Required	Unit	Stock#	PRICE
Lightning®/MVP	Yes	BX	332-3575	$225.00
Lum-T™, Firefly 2, LUMGiena, NovaLum, Lum-K, Firefly	Yes	BX	332-3110	$225.00
Accessories				
Retrofit cap/adapter for Charm instruments		EA	332-3113	$50.00

Hygiena Swab Cooler

Insulated construction keeps test devices cool when you aren't near cold storage. Wide zipper top for easy access to swabs. Large enough to hold several bags of Hygiena swabs. Features a front zipper pocket perfect for luminometer or calibration control kit storage. Adjustable, padded shoulder strap.

Size	Unit	Stock#	PRICE
10.75"W x 9.5"H x 6"D	EA	332-3004	$35.00

Prices subject to change.

Neogen® AccuPoint Advanced® Sanitation Monitoring System

The unique design of the AccuPoint Advanced surface sampler offers greater sample precision and consistency. Unlike traditional swabs, the sampler utilizes a large surface sample pad to extract ATP from the work surface. The pad surface and vertical sampling technique allow different users to get more consistent results than flexible swabs that must be flexed and rotated. The pad covers the sample area completely, leaving virtually no gaps. Box contains four foil packets of 25 samplers each.

The AccuPoint Advanced Luminometer has 999 sites available with site name, number group and testing type (water or surface), which appear on the LCD display. Also included is Data Manager software, user guides, quick reference cards, data cable, and power cable. For use with the AccuPoint Surface Samplers.

- Intuitive symbols are used to provide a universal interface.
- All the information is entered through the Data Manager software and downloaded for permanent storage.
- User information can be selected and recorded with the testing results.
- A record count is displayed to keep track of the number of tests taken since the instrument was powered on.
- A complete self-test occurs at power-on, with the results displayed on the screen to provide you with the confidence to know the system is working as it should.
- Real-time random site selection allows randomly chosen sites to test in your facility.
- An improved USB interface makes transfer of data to and from the instrument and the Data Manager software fast and easy.
- Features radio frequency identification technology. This allows a user to create a sanitation plan and sync it to the reader. Once synced, swipe over the RFID tag, which indicates if this would be a site that is mandatory or low risk and samples are only needed randomly.

Description	Unit	Stock#	PRICE
Accupoint Advanced Luminometer w/ software	EA	498-3603	$3,178.03
Accupoint Surface Samplers; 25 swabs/pk, 4 pk/bx	BX	498-3605	$284.04

3M™ Clean-Trace™ Surface Protein Plus Test

Use this protein detection system as a fast and easy way to check whether cleaning has been carried out to a satisfactory standard. Everything you need for a result is contained in the compact device. There is no need for an instrument as results are visual, there is also no need to store the device under refrigerated conditions.

With unique swab-click-read format and simple color-change technology, this test is very easy to use and implement in a busy production environment. The results are semi-quantitative with four possible colors. The faster the test turns purple, the higher the level of contamination on a surface. The test detects protein and other reducing agents, considered as a superior hygiene indicator to glucose because it is more difficult to remove from a surface.

Mfg. Part #	Pkg	Unit	Stock#	PRICE
PRO100	100/ca	CA	351-3041	$278.46

Hygiena PRO-Clean™ Rapid Protein Food Residue Test

Quickly monitor the cleanliness of food equipment surfaces to help ensure food safety and quality with PRO-Clean swabs. Simply swab a surface, release the reagent, and if certain protein residues are present, the reagent will turn purple.

- Results in under 10 minutes.
- Easy to use, easy to interpret.
- All-in-one device, no instrumentation necessary.
- 12-month shelf life.

Ideal for food processors, meat processors, restaurants, food service, and grocery stores. 100 swabs/box.

Unit	Stock#	PRICE
BX	332-3230	$195.00

Let us help make your Environmental Allergen Testing fast and easy.

Call our Technical Support Team at 800-826-8302

Call Customer Service at 800-826-8302

ALLERGEN TEST KITS

Hygiena SpotCheck Plus™ Glucose and Lactose Residue Test

It is easy to validate your sanitation system and ensure food safety with these ready-to-use tests. SpotCheck measures simple sugars (glucose and/or lactose) so you can detect most major food groups versus protein residue tests that are limited to high protein foods, such as meat. 100/box.

- No waiting, results are available within 60 seconds.
- No expensive instrumentation as it is an all-inclusive test.
- Easy to use and interpret results.

Description	Unit	Stock#	PRICE
Glucose/lactose test	BX	332-3101	$182.00

Hygiena AllerFlow Gluten Surface Residue Test Kit

AllerFlow Gluten is a rapid and convenient test for detection of gluten residue on surfaces as part of an allergen control program. Combining Hygiena's convenient sample collection swab design with classic lateral flow technology, AllerFlow Gluten makes gluten testing easier than ever before. Unlike other kits that contain several components, this kit consists of two parts - a sample collection device and a lateral flow cassette. The sample collection swab device contains pre-measured extraction buffer for consistent results with minimal handling. After collection, the sample is poured directly into the lateral flow cassette fill well and results appear in 10 minutes.

Benefits:

- Convenient and quick sample collection requires minimal training.
- Pre-moistened swab enables reliable collection to ensure accurate results.
- Simple two part kit includes all required materials - no pipettes, bottles, scales or heating blocks required.
- Pre-measured, self contained extraction buffer provides consistent results.
- Easy-to-interpret lateral flow test results in 10 minutes.
- Up to 15 month shelf life at room or refrigerated temperatures (2-25°C).
- Sensitivity: Detects 5µg/swab (5ppm) gluten in 10 minutes.

Mfg Part #	Pkg	Unit	Stock#	PRICE
ALF-GL	25 tests/bx	BX	332-3500	$325.00

Hygiena AllerSnap™ Protein Residue Test Swab

AllerSnap detects 3ug protein after 30 minutes incubated at 37°C or 15 minutes at 55°C for eight major food allergens. Use on a surface after cleaning to help ensure product quality. Simply swab surface, release reagent and incubate. If protein residue is present, the reagent will turn purple. The color change provides a semi-quantitative measure of surface cleanliness. The more contamination present, the quicker the color change to purple and the darker the color.

Quickly validates the hygiene of a surface allowing immediate corrective action to be taken if necessary. Suitable for allergen monitoring (quantitative analysis).

NOTE: Incubator (#332-3339) and block (#332-3003) are required and sold separately.

Mfg Part #	Pkg	Unit	Stock#	PRICE
ALS-100	100/bx	BX	332-3255	$221.50

3M™ Clean-Trace™ Surface Protein (Allergen) Swabs

Eliminate the need for several different allergen test kits by using the 3M Clean-Trace Surface Protein (Allergen) Swabs. The test is a very simple and sensitive swab, which detects as little as 3 µg of protein residues on surfaces and in solution. Validated for a range of allergenic proteins including egg, milk, gluten, soy, and peanut. The basis of these swabs is the majority of allergens are protein, if a surface is found to be virtually protein-free, it indicates low risk of allergens being present. Just swab the surface, click the activation solution and incubate in the 3M Digital Heating Block (#351-3064) for 15 minutes. Interpret the results by a color change of clean or dirty. Heating block sold separately.

Mfg Part #	Description	Unit	Stock#	PRICE
ALLTEC60	Clean-Trace Surface Protein (Allergen) 60 tests/ca	CA	351-3062	$183.89
DHB120	3M Digital Heating Block	EA	351-3064	$593.70

We have the kits and swabs to give you peace of mind that your food contact surfaces are allergen free.

Call our Technical Support Team at 800-826-8302

Prices subject to change.

ALLERGEN TEST KITS& ENVIRONMENTAL PATHOGEN TESTING

Neogen® Reveal® 3-D Allergen Test Kits

Affordability and simplicity of use means Reveal tests can be implemented more regularly than typical laboratory food allergen testing. Achieve enhanced confidence in your cleaning program and product protection through increased surface sampling and testing of all critical points of the production process in "real-time." Within 10 minutes of taking a sample or food contact surfaces, you have a result. The detection level is 1 to 50 ppm. No additional equipment is needed. 10 tests/ kit. #498-3099 has 20 tests/kit.

- #498-3083 is 2-D technology and detects almonds, cashews, hazelnuts, pecans, pistachios, and walnuts.

Description	Unit	Stock#	PRICE
Gluten	KT	498-3031	$173.00
Peanut	KT	498-3041	$173.00
Shellfish	KT	498-3081	$173.00
Egg	KT	498-3082	$173.00
Almond	KT	498-3086	$173.00
Hazelnut	KT	498-3087	$173.00
Gliadin	KT	498-3099	$345.00
Soya	KT	498-3093	$173.00
Total Milk	KT	498-3094	$173.00
Mustard	KT	498-3088	$173.00
Sesame	KT	498-3089	$173.00
Treenut, detects 6 different nuts	KT	498-3083	$221.00

Neogen® Reveal® Allergen Test Kits

Accurate, easy-to-use Reveal allergen kits screen samples for food allergens at 5 ppm in 10 minutes or less. If the test detects at least 5 ppm, two lines will form on the simple test device. The formation of only one line indicates a negative test result. No refrigeration necessary.

Description	Pkg	Unit	Stock#	PRICE
Milk	24 tests/kit	KT	498-3478	$430.47
Peanut	24 tests/kit	KT	498-3438	$430.47

Salmonella Indicator Broth

AOAC approved, PDX-SIB is intended for use in screening environmental samples for the presence of viable Salmonella species. Positive samples will exhibit a color change from blue to yellow if Salmonella bacteria is growing in the liquid media. The color indicates a presumptive positive. Just swab your surface with pre-moistened swabs of your choice, pour indicator broth into tube, incubate for 24-48 hours at 37°C, read color of sample. If presumptive positive, confirm. 25/box.

Description	Unit	Stock#	PRICE
Salmonella indicator broth	BX	512-3026	$198.75

Listeria Indicator Broth

AOAC approved, PDX-LIB is intended for use in screening environmental samples for the presence of viable Listeria species. Presumptive positive samples will exhibit a color change from yellow/amber to brown/ black if Listeria bacteria is growing in the liquid media. Just swab your surface with pre-moistened swabs of your choice, pour indicator broth into tube, incubate for 30-48 hours at 37°C, read color of sample. If presumptive positive, confirm. 25/box.

Description	Unit	Stock#	PRICE
Listeria indicator broth	BX	512-3025	$198.75

Hygiena InSite™ Listeria Environmental Test

Quick and easy in-house test at an economical price. Designed to monitor the presence of common Listeria spp (L.innocua, L.ivanovii, L.welshmeri, L.monocytogenes) in environmental samples from food processing areas. This test indicates the presence of Listeria species without confirming pathogenic organisms. A color change from yellow to light brown/black in as little as 24 hours is considered presumptive positive. An incubator is required.

Pkg	Unit	Stock#	PRICE
50 tests/bx	BX	332-3118	$350.00
100 tests/ca	CA	332-3107	$600.00

Call Customer Service at 800-826-8302

ENVIRONMENTAL PATHOGEN TESTING

Hygiena InSite™ Salmonella Environmental Test

A quick and easy test for the detection of Salmonella species (spp) in food processing environments. Contains a liquid medium formulated with selective growth enhancers and chromogenic compounds. A color change from purple to bright yellow in 24-48 hours is presumptive positive for Salmonella spp. InSite Salmonella is a self-contained screening test which is easy to perform while reducing wait time, labor costs, and materials. An incubator is required.

Benefits:

- Easy-to-use with no preparation steps required.
- Large sponge tip maximizes sample collection for accurate results.
- Eliminates costly outside lab fees for an equivalent test.
- Positive results in as little as 24 hours.
- Presumptive negative results in 48 hours.
- Self contained tube eliminates risk of contamination.
- Nine month shelf life at refrigerated temperatures (2-8°C).
- Sensitivity: Detects Salmonella species down to 1-10 CFU, even in the presence of high numbers of competing organisms.
- Interpretation: InSite Salmonella features a viewing window with a result chart for easy interpretation. Results are presumptive positive when the InSite Salmonella media turns bright yellow.

Pkg	Unit	Stock#	PRICE
50 tests/bx	BX	332-3120	$350.00

Hygiena Digital Dry Block Incubators

Designed specifically for Hygiena's wide variety of test devices. The incubators can be set to any temperature required for Hygiena products. Small footprint takes minimal lab bench space. Auto-stop and sound alert features help you achieve perfect incubation time, every time. Temperature stability: ±0.5°C. Heats to max temp in less than 15 minutes. Timer range: 1 min - 99 hr 59 min. Incubator block(s) sold separately.

Description	Temp Range	Overall Dimensions (WxDxH)	Block Capacity	Unit	Stock#	PRICE
Incubators						
Small Format Incubator	Ambient +5°C-80°C	4.3" x 5.9" x 3.1"	1	EA	332-3339	$250.00
Lab Format Incubator	Ambient +5°C-105°C	14.4" x 8.3" x 5.9"	2	EA	332-3332	$325.00
Blocks for incubators						
For use with Small Format Incubator	12 Swab capacity			EA	332-3003	$90.00
For use with Lab Format Incubator	35 Swab capacity			EA	332-3001	$90.00
For use with Lab Format Incubator	15 Vial capacity			EA	332-3002	$112.50

Need help finding the right Environmental Testing products?
Contact our Laboratory Products Specialists at 800-826-8302.

Prices subject to change.

3M™ Quick Swabs

This ready-to-use environmental swab system consists of a 5-inch rayon-tipped swab which contains letheen neutralizing buffer to facilitate recovery of bacteria. The swabs can be used wet or dry to sample surfaces and quickly deliver 1.0 mL of sample onto a 3M Petrifilm™ Plate. Handy vinyl-covered wire rack which holds up to 50 swabs is sold separately.

Description	Pkg	Unit	Stock#	PRICE
3M Quick Swab	50/bx	BX	460-3432	$75.66
3M Quick Swab	250/ca	CA	460-3434	$292.12
Swab rack	1/ea	EA	446-3340	$29.07

3M™ Swab-Samplers

Swab in pre-filled bottle with various diluents. Screw cap tubes filled with your choice of enrichment broth or neutralizing solution. Sample collection is easy with the attached swab, the bottles have ample headspace for sample addition and vortexing to release organisms from the swab.

Mfg. Part #	Description	Pkg	Unit	Stock#	PRICE
RS96010BPW	10 mL Buffered peptone water	100/ca	CA	351-3034	$89.32
RS96010DE	10 mL D/E Neutralizing buffer	100/ca	CA	351-3035	$89.32
RS96010LET	10 mL Letheen broth	100/ca	CA	351-3960	$89.32
RS96010NB	10 mL Neutralizing buffer	100/ca	CA	351-3036	$89.32
RS9601LET	1 mL Letheen broth	100/ca	CA	351-3993	$89.32
RS9604LET	4 mL Letheen broth	100/ca	CA	351-3307	$89.32
RS9604NB	4 mL Neutralizing buffer	100/ca	CA	351-3992	$89.32
RS9605LET	5 mL Letheen broth	100/ca	CA	351-3037	$89.32

Hygiena Q-Swab™ Environmental Swab Collection System

Save time and money by eliminating the need for pipettes and broth preparation. Q-Swab is a ready-to-use dilution and delivery device used in the food and beverage industry for environmental surface sampling. Using patented Snap Valve™ technology, broth is released down the swab shaft, neutralizing residue sanitizers and facilitating recovery of bacteria. The sample is then ready to be poured onto media or streaked onto agar plates for culturing. Q-Swab can be used either wet or dry. 12-month shelf life. 250 swabs/box.

Description	Unit	Stock#	PRICE
Swabs w/ buffered peptone water	BX	332-3999	$255.00
Swabs w/ letheen broth	BX	332-3200	$255.00

3M™ EnviroSwabs

Pre-moistened with special transport medium for environmental sample collection, these swabs are designed for swabbing all types of food surfaces in the food industry. The large swab head and shaped tip efficiently collect organisms from hard-to-reach areas. The tamper-evident band and the ability to reseal the tube make this a great swab for many areas throughout the plant.

Mfg. Part #	Description	Pkg	Unit	Stock#	PRICE
ENVSWB25	Enviroswab	25/bx	BX	351-3308	$51.51
ENVSWB25D	Enviroswab, dry	25/ca	CA	351-3888	$52.54

Puritan EnviroMax Plus® Swabs

The over-sized sponge applicator on a stick makes these perfect for sampling surfaces or large equipment parts. It features a quick turn-open, leak-resistant cap providing you with no worries about media solution leaks or loss of past collection contents. The solution is a combination of Neutralizing Buffer and Peptone Broth.

Pkg	Unit	Stock#	PRICE
25/pk	PK	302-3990	$49.98

Call Customer Service at 800-826-8302

ENVIRONMENTAL PATHOGEN TESTING

Puritan Calgiswab® Applicators

Calcium alginate swabs for microbiological surface-contact procedure. Calcium alginate fibers and buffer will not inhibit growth of micro-organisms. Sterile, individually wrapped.

Shaft Material	Pkg	Unit	Stock#	PRICE
Wood	100/pk	PK	302-3010	$27.06
Plastic	100/pk	PK	302-3210	$28.07
Plastic	10 pk/ca	CA	302-3500	$250.24

Puritan® Cotton or Polyester Tipped Applicators

Sterile and non-sterile cotton or polyester tipped applicators with wood or plastic shaft. 6″ length. All sterile swabs are individually wrapped.

Description	Tip/Shaft	Pkg	Unit	Stock#	PRICE
Sterile	Cotton/wood	2/pk, 100/bx	BX	302-3000	$21.00
Sterile	Cotton/wood	1/pk, 100/bx	BX	302-3001	$19.26
Non-sterile w/ pointed tip	Cotton/wood	100/bag, 10 bags/bx, 1000/bx	BX	302-3806	$21.48
Sterile	Polyester/plastic	1/pk, 100/bx	BX	716-7006	$22.89
Non-sterile	Polyester/wood	100/bag, 10 bags/bx, 1000/bx	BX	302-3215	$29.57

BD CultureSwab™ Collection and Transport System

A complete ready-to-use system to collect, preserve and transport a specimen to the laboratory. The swab is a sterile, non-reactive tool for collecting organisms from surfaces. It can be removed from the transport casing without handling or contaminating the swab tip. The transport medium provides a moist, inert, protective environment to preserve the specimen. The specimen is taken via the swab, inserted into the medium of choice, and transported in the plastic casing to the laboratory.

Mfg Part #	Description	Pkg	Unit	Stock#	PRICE
220121	CultureSwab Plus Amies Gel with Charcoal, Single Swab	50/pk	PK	614-3121	$35.34
220116	CultureSwab Plus Amies Gel without Charcoal, Single Swab	50/pk	PK	614-3570	$30.05
220093	CultureSwab Liquid Amies without Charcoal, Single Swab	50/pk	PK	614-3093	$29.61
220099	CultureSwab Liquid Stuart, Single Swab	50/pk	PK	614-3099	$28.28
220144	CultureSwab EZ	100/pk	PK	614-3244	$64.15

BD Falcon™ SWUBE™ Tube

SWUBE (swab-in-a-tube) single sterile applicator with tube. Swab remains with cap for convenient aseptic handling. Available with screw cap (16 x 150 mm tube), or friction cap (17 x 100 mm tube). Packed individually in peel-apart pouches. 200/case.

Mfg Part#	Applicator	Closure	Unit	Stock#	PRICE
220210	Cotton	Screw cap	CA	207-3021	$287.22
220090	Cotton	Friction cap	CA	155-3930	$179.84
220710	Polyester	Screw cap	CA	207-3020	$269.66

Prices subject to change.

3M™ Sponge-Stick™

The 3M Sponge-Stick allows you to sample without directly handling the sponge. It makes it easier to reach into drains, pipes and around equipment. Available in wet or dry formats with and without gloves to fit many applications. Biocide-free cellulose sponge maintains organism viability.

Mfg. Part #	Description	Pkg	Unit	Stock#	PRICE
SSL10BPW	10 mL Buffered peptone water	100/ca	CA	351-3025	$150.26
SSL10LET	10 mL Letheen broth	100/ca	CA	351-3110	$163.93
SSL10LETG	10 mL Letheen broth w/2 gloves	100/ca	CA	351-3026	$176.54
SSL10NB	10 mL Neutralizing buffer	100/ca	CA	351-3995	$151.32
SSL10DE	10 mL DE broth	100/ca	CA	351-3065	$176.54
SSL10NBG	10 mL Neutralizing buffer w/2 gloves	100/ca	CA	351-3027	$173.38
SSL100	Dry sponge in bag only	100/ca	CA	351-3028	$104.03

3M™ Extendable Pole

Perfect accessory to use with 3M Environmental Sponge-Sticks™. Telescoping pole provides a convenient way to reach locations up to 8 feet away.

Unit	Stock#	PRICE
EA	351-3975	$147.11

3M™ Hydra-Sponges

Sponges pre-hydrated with a variety of buffers for sample collection. Pre-moistened for convenience, durable, biocide-free cellulose maintains organism viability. 18-oz bag unless otherwise noted. Packaged 5 pouches with 20 sponges in each pouch.

Description	Pkg	Unit	Stock#	PRICE
Dry sponge in bag	100/ca	CA	351-3300	$85.12
10 mL Buffered peptone water	100/ca	CA	351-3029	$120.84
10 mL Buffered peptone water w/2 gloves	100/ca	CA	351-3030	$142.91
10 mL Letheen broth	100/ca	CA	351-3031	$135.55
10 mL Letheen broth, w/2 gloves	100/ca	CA	351-3032	$142.91
10 mL Neutralizing buffer	100/ca	CA	351-3303	$122.94
10 mL Neutralizing broth w/2 gloves	1/ea	EA	351-3302	$2.85
10 mL Neutralizing buffer w/2 gloves	100/ca	CA	351-3301	$142.91
10 mL Neutralizing buffer, w/24-oz bag, 2 gloves	100/ca	CA	351-3306	$138.71
10 mL w/ DE Neutralizing broth	100/ca	CA	351-3133	$141.86

Labplas Sani-Stick

Designed to collect samples to detect the presence of microbiological contaminations on any surface. The red, pliable handle makes it possible to sample those hard to reach areas in your plant. The unique design of the handle makes it an added bonus to use; just pinch the handle and it releases the sponge into the 24-oz TWIRL-EM® bag. No need for refrigeration.

Description	Pkg	Unit	Stock#	PRICE
Sani-Stick with Letheen Broth	10/pkg, 10 pkg/ca	CA	467-3140	$149.49

Call Customer Service at 800-826-8302

ENVIRONMENTAL SPONGES & POLE

WHIRL-PAK® Speci-Sponge® Bags

Designed for environmental surface sampling, work areas, equipment, animal carcasses, and any other place where testing for Listeria, Salmonella, E.coli, and other food-borne pathogens is required. Speci-Sponge bags are 18-ounce and meet the criteria stated in the Compendium of Methods for the Microbiological Examination of Foods regarding sponge contact methods, by providing a sterile plastic bag to place the sample for transportation to the lab. Pre-moistened sponges contain neutralizing buffer with sodium thiosulfate to neutralize residual chlorine sanitizer. Choose bags without buffer and add letheen broth diluent (#443-3002). Simply open bag, moisten 1-1/2" x 3" sponge with either buffer or diluent, wipe surface to obtain sample, reseal bag, and send to the laboratory. 100/box.

Mfg Part #	Description	Unit	Stock#	PRICE
B01245WA	Speci-Sponge bags with dry sponge	BX	486-3189	$84.00
B01392WA	Speci-Sponge bags with dry sponge and sterile gloves	BX	486-3392	$175.12
B01423WA	Pre-Moistened Speci-Sponge bags with sterile gloves	BX	486-3423	$229.73
B01422WA	Pre-Moistened Speci-Sponge bags	BX	486-3422	$187.01

WHIRL-PAK® Sponge Probe

Designed for environmental surface sampling this sponge works well for those hard-to-reach areas. The sponge adheres to a holder that is screwed onto a handle. Both the sponge and handle are sterile. The cellulose sponge and polypropylene handle fit inside the 24-oz, write-on, Whirl-Pak bag. To use, add the buffer of your choice to the bag to hydrate the sponge. Once sampling is completed, simply insert the sponge back into the bag, unscrew the handle and discard, close and send into the lab for testing. 50/box.

Mfg Part #	Capacity	Unit	Stock#	PRICE
B01475WA	24-oz	BX	486-3076	$69.13

NASCO Sponge Pole

If sampling procedures require testing surfaces that are difficult to reach such as window ledges, light fixtures, air vent ducts, etc, the Nasco Sponge Pole will make the job easier, safer and more efficient. The adjustable aluminum pole is 6 feet long and extends to 10 feet. To use: autoclave the sponge holder and screw it on the end of the pole without touching the metal sponge clamp. Hydrate the sponge if necessary, squeeze out any excess liquid, and with a sterile gloved hand, insert the sponge in place on the end of the holder. Extend the pole to your required length, wipe the surface with the sponge, shorten the pole, remove sponge, place it in the Whirl-Pak® bag, and send to the lab for testing. Pole includes pack of 10 sterile sponges.

Unit	Stock#	PRICE
EA	486-3457	$93.54

WHIRL-PAK® 1-Ply Composite Tissue Bag

Wipe your food contact surface with the new Whirl-Pak 1-ply composite tissue and bag when even less than 10 microorganisms is a concern. The 1-ply sheet has a high surface area to volume ratio, which allows nearly total release of captured bacteria, yeast and molds. Add as little as 5 mL's of whatever buffer or broth you choose to moisten the tissue, take it out of the bag with a gloved hand, then wipe to sample a surface, place back in bag, twist down to seal and return to the lab for testing.

Recent studies have shown this 1-ply composite tissue method to be an effective, low-cost alternative to other surface sampling methods. For further cost reduction, several tissues can be composited and enriched in one bag. Several studies: J. Food Prot. 67:2212-2217 and 70:1263-1266 have shown improved quantitative recovery of Listeria monocytogenes and indicator organisms from food contact surfaces and poultry-processing environments. 100/box.

Mfg Part #	Unit	Stock#	PRICE
B01548WA	BX	486-3190	$97.48

Prices subject to change.

RCS® High Flow Air Sampler

The Biotest High Flow Microbial Airborne Sampler measures bacteria, yeasts, and molds present in the air. Used as a tool to certify and monitor air quality in processing areas. Meets requirements of FDA, GMP, USP, and ISO 14698. System technology is centrifugal based sampling, used with Biotest HYCON agar strips to collect particles. Features 100 liter/minute flow rate with seven preset volumes and three user-definable settings. Ergonomic keypad position-ing, delayed sample time, high resolution display, vertical or horizontal operation. Includes two rechargeable bat-teries, rotor, protective cap, RCS Management Software, serial cable, carry case, and Bluetooth module for wireless data to an external PC.

Description	Use	Pkg	Unit	Stock#	PRICE
Air Sampler					
RCS High Flow Air Sampler			EA	080-3216	$6,185.00
Agar Strips					
Tryptic Soy	Total count	50/bx	BX	080-3026	$115.00
Total Count agar strips with lecithin, Tween 80 and supplements	Ultra clean environments	50/bx	BX	080-3029	$115.00
Rose Bengal	Yeasts & molds	50/bx	BX	080-3032	$115.00
Sabouraud-Dextrose agar strips, modified (for higher yield compared with YM)	Yeasts & molds	50/box	BX	080-3030	$115.00
DG-18 agar strips	Dry locations	25/bx	BX	080-3031	$89.50
MacConkey agar strips	Coliforms & enteric bacteria	25/bx	BX	080-3000	$89.50
Blank Air Sampler strips, sterile	Plate your own media	50/bx	BX	080-3028	$90.50

APC Ergotouch Pro 2 Particle Counter

Particle counting is a critical component of cleanroom monitoring programs. Detecting contaminants in the air, par-ticle counter data is relied on to determine the cleanliness of air in controlled environments such as those found in the pharmaceutical, biotechnology, medical device and sensitive food industries, complies to ISO 14644, GMP, FS209E. The APC ErgoTouch Pro 2 offers features which are available usually only on portable particle counters. The handheld counter has a large color display to show the counting results over six channels – functions are easy to operate by logical icons. Includes power supply, power cord, battery, isokinetic inlet, stylus, purge filter, ErgoTrak Lite Data Download Utility Software (CD), operational manual. Removable/rechargable Li-Ion battery. Comes with a 2 year warranty.

Channel Sizes Standard	Counting Efficiency	Concentration	Calibration	Unit	Stock#	PRICE
0.3 to 10 µm, user-selectable	50% at 0.3 µm; 100% for particles > 0.45 µm	Limits 2,000,000 particles/ft3 at 5% coincidence loss	NIST traceable with calibration system	EA	080-3035	$4,219.00

WATER TESTING

WHIRL-PAK® Thio Bags®

Designed for sampling chlorinated water. EPA approved, and contain 10 mg of active sodium thiosulfate to neutralize chlorine at the time of collection. White write-on stripe. Marking at 100 mL to aid in the collection of the correct amount of water by Standard Methods for the examination of water and waste water. 100/box.

Mfg Part #	Capacity	Size	Mils	Unit	Stock#	PRICE
B01040	100 mL	3" x 7.25"	2.25	BX	486-3012	$21.91
B01254	300 mL	4.5" x 9"	2.50	BX	486-3254	$45.98

Coliscan Water Testing Easygel® Kit

Tests for E.coli and other coliforms in water. Coliscan media has a patented combination of color producing chemicals and nutrients that indicate coliforms and E.coli by producing different colors making identification and isolation easy. When testing a water sample it is added to the medium, which is poured into the prepared petri-dishes and incubated for 24-48 hours. E.coli will produce purple-blue colonies, while the coliform bacteria will grow as pink-magenta colonies. 50 tests/kit.

Unit	Stock#	PRICE
KT	434-3017	$95.35

PALL LIFE SCIENCES Culture Pads and Dish

Ideal for culturing organisms recovered on Metricel™ filters or any microbiological procedure. Saturate these pure cellulose fiber pads with nutrient broth. Pads sold in kit or with 50 mm petri dish. Kit consists of 1000 pads (10 cartridges) and handy dispenser.

Description	Pkg	Stock#	PRICE
Absorbent pad kit, 47 mm	10 cartridges/bx	220-3320	$252.49
Absorbent pad w/petri dish	100/pk	254-3325	$60.04
Petri dish, 50 x 9 cm	100/pk	156-3668	$57.04

Capitol Vial Water Sample Vials

Ideal for sampling wells or tap water. Meets EPA requirements that sample containers be sterile, have a 100 mL fill line, and contain sodium thiosulfate to neutralize residual chlorine. Factory-sealed. Lock-top feature allows for incubation of sample. 200/case.

Description	Capacity	ID	Length	Unit	Stock#	PRICE
4-oz, High clarity	120 mL	43 mm	90 mm	CA	170-3254	$46.03

Prices subject to change.

Laboratory Reagents

Welcome to the largest collection of reagents assembled exclusively for food & dairy testing laboratories. It includes items you use every day plus hard-to-find & specialty items. Nelson-Jameson makes it easy for you—the food processor—to find what you need. Because we list only things you might use, you won't have to sort through pages of reagents intended for things such as electron microscopy and biomedical research, thereby saving you a lot of time and trouble. Many other items are available upon special request.

SAFETY

Reagent chemicals should be handled only by qualified individuals trained in laboratory procedures and familiar with their potential hazards. "Right to Know" laws make it mandatory that anyone handling a hazardous substance be informed of the health hazards and safety precautions associated with that chemical.

Safety Data Sheets (SDS) are provided by Nelson-Jameson as required by OSHA's Hazard Communication Law for products designated as hazardous. Our automated system assures that you will receive a SDS with your first purchase of that hazardous item. You may also contact us to request SDS information on any of our products you are currently using. The absence of a warning, however, must not be interpreted as an indication of safety.

SHIPPING

Reagent chemicals are often costly to ship due to special handling requirements or DOT restrictions. We make every effort to utilize the most cost-effective method to safely ship reagents to you. Feel free to consult us about specific situations.

If temperatures are extreme, temperature-sensitive products are shipped early in the week to avoid transit on weekends. If you do require shipment when cold or heat damage might occur, we will use insulated containers and/or select qualified carriers. There will be an additional charge for this.

Hazardous Material shipping restrictions vary by carrier, product, container type, and amount. Air service is more restrictive than ground service. Please make this a consideration as you plan your order.

RETURNS

Please order reagents carefully. We cannot always accept returns of reagents. Reasons may relate to shelf life, temperature- or light-sensitivity, the necessity for absolute purity, or the reagent's hazardous nature. We do warrant that products meet specifications and will correct errors made by us or our suppliers. See our Returns Policy. Call us if you have any problems with the product you receive.

Description	Additional Information	Size	Pkg	Unit	Stock#	PRICE
A						
Acetic Acid, Glacial	99.7%; ACS	500 mL	6/ca	CA	131-3001	$61.45
Acetic Acid, Glacial	99.7%; ACS	2.5 L	4/ca	CA	131-3015	$117.73
Acetic Acid, Glacial	99.5-100.5%; USP/FCC	19 L	-	PK	131-3020	$159.22
Acetone	99.5%; ACS	500 mL	6/ca	BO	131-3014	$23.33
Acetone	99.5%; ACS	4 L	4/ca	BO	154-3015	$50.57
Acetone	99.5%; ACS	20 L	-	DR	131-7015	$129.34
Acid Detergent Fiber (ADF)	Forage Fiber Analysis	933 mL	3 btls/kit	KT	131-7017	$87.41
Acid Alcohol	5% V/V Hydrochloric Acid in 95% Denatured Alcohol	4 L	-	GA	617-3260	$99.82
Alkaline Iodide-Sodium Azide	APHA; for BOD procedures	1 L	6/ca	BO	154-3030	$297.10
Ammonium Chloride	Crystalline; ACS	500 g	6/ca	BO	220-3008	$78.04
Ammonium Hydroxide	28-30%; ACS	2.5 L	6/ca	BO	131-3074	$31.32
Ammonium Hydroxide	26° Baume; Foss 90, 27-30% W/W, NF/FCC	2.5 L	-	BO	154-3050	$81.34
Ammonium Nitrate	Granular; ACS	500 g	6/ca	BO	131-7013	$23.02
B						
Boric Acid	Granular; ACS	2.5 kg	4/ca	BO	131-3303	$83.47
Brilliant Green Biological Stain	Certified	25 g	-	JR	154-3884	$76.74
Bromocresol Purple (BCP)	0.04%; pH 5.3 to 6.8	500 mL	-	BO	154-3125	$28.74
n-Butyl Alcohol (1-Butanol)	99.4%; ACS	500 mL	6/ca	BO	131-3510	$36.45
n-Butyl Alcohol (Butanol)	Neutralized	1 qt	-	BO	534-3130	$20.95
n-Butyl Alcohol (Butanol)	Neutralized	1 gal	-	GA	534-3131	$44.08

Call Customer Service at 800-826-8302

LABORATORY REAGENTS

Description	Additional Information	Size	Pkg	Unit	Stock#	PRICE
C						
Calcium Chloride, Dihydrate	Powder; ACS	500 g	6/ca	BO	131-3022	$21.86
Chlorophenol Red	Water Soluable	5 g	-	EA	154-3000	$45.67
Cupric Sulfate	Anhydrous; Certified	500 g	6/ca	JR	220-3107	$384.10
D						
Distilled Water		1 gal	6/ca	CA	330-3005	$10.15
E						
EDTA	99.4-100.5%; ACS	500 g	6/ca	BO	131-3241	$62.87
EQA Solution	To analyze homogenizination efficiency	-	6 vials/bx	BX	063-7036	$351.70
Ethidium Bromide	Baker	1 g	-	JR	154-3270	$127.69
Ethyl Alcohol	Denatured; Proprietary	500 mL	6/ca	BO	154-3283	$44.81
Ethyl Alcohol	Denatured; 95% Ethyl Alcohol	4 L	-	EA	154-3033	$55.80
Ethyl Alcohol	Reagent 3A; 90% Ethyl; 5% Isopropyl; 5% Methyl	4 L	4/ca	BO	154-3280	$38.88
Ethyl Alcohol	Denatured; 90% Ethyl, 5% Methyl, 5% Isopropyl	4 L	-	BO	154-3282	$131.32
Ethyl Alcohol	Reagent 3A; 90% Ethyl; 5% Isopropyl, 5% Methyl	4 L	4/ca	CA	131-3280	$106.66
Ethyl Alcohol	Denatured; 90% Ethyl, 5% Methyl, 5% Isopropyl	4 L	4/ca	CA	220-3284	$444.12
Ethyl Alcohol	Anhydrous, Denatured, SDA grade	500 mL	-	BO	131-3356	$27.89
Ethyl Ether, Anhydrous	ACS (Absolute); for fat extraction	950 mL	6/ca	BO	131-3945	$40.12
Ethyl Ether, Anhydrous	ACS (Absolute); for fat extraction	4 L	-	CN	131-3260	$75.80
Ethyl Ether, Anhydrous	ACS (Absolute); for fat extraction	4 L	-	BO	056-3811	$135.52
Ethyl Ether, Anhydrous	ACS (Absolute); for fat extraction	20 L	-	CN	154-3261	$180.12
F						
Ferric Ammonium Sulfate	Saturated Aqueous	500 mL	-	BO	617-3125	$50.83
Ferric Chloride	0.025% solution	1 L	6/ca	BO	154-3315	$132.45
G						
Glycerin	ACS	500 mL	-	BO	220-3135	$38.32
Glycerin	Anhydrous ACS	500 mL	-	BO	131-3064	$20.72
H						
Hydrochloric Acid	36.5 to 38%; ACS	500 mL	-	BO	154-3384	$73.25
Hydrochloric Acid	36.5 to 38%, ACS	3.8 L	-	BO	131-3311	$42.66
Hydrochloric Acid	36.5 to 38%	2.5 L	-	BO	131-3076	$40.22
Hydrochloric Acid	0.1N (N/10)	1 L	-	BO	131-3137	$19.41
Hydrochloric Acid	0.1N (N/10)	1 L	6/ca	CA	131-3752	$101.40
Hydrochloric Acid	0.1N (N/10)	3.8 L	4/ca	CA	131-3875	$108.23
Hydrochloric Acid	0.1N (N/10)	10 L	-	EA	220-3166	$154.67
I						
Indicator (Phenolphthalein)	ACS	100 g	-	JR	154-3728	$80.96
Indicator (Phenolphthalein)	1% in Methanol; Acid Degree Value Test	4-oz	-	BO	154-3731	$13.71
Indicator (Phenolphthalein)	1% in 95% ethyl alcohol	60 mL	-	BO	131-3060	$7.89
Indicator (Phenolphthalein)	1% in 95% ethyl alcohol	60 mL	6/ca	CA	131-3061	$37.48
Indicator (Phenolphthalein)	1% in 95% ethyl alcohol	500 mL	-	BO	131-3070	$15.90
Indicator (Phenolphthalein)	1% in 95% ethyl alcohol	500 mL	6/ca	CA	131-3071	$57.37
Indicator (Phenolphthalein)	1% in 95% Alcohol	1 L	-	BO	131-7006	$11.74
Isoamyl Alcohol	Gerber Test; 0.814 to 0.816 specific gravity	1 qt	-	BO	534-3087	$48.11
Isopropyl Alcohol (2-Propanol)	ACS	500 mL	6/ca	CA	131-3086	$97.07
Isopropyl Alcohol (2-Propanol)	ACS - Poly bottle	4 L	4/ca	CA	131-3989	$124.29
Isopropyl Alcohol (2-Propanol)	ACS - Amber bottle	4 L	-	BO	131-3501	$47.45
Isopropyl Alcohol	70%; USP	3.8 L	-	BO	131-3500	$27.38
Isopropyl Alcohol	70%; USP	3.8 L	4/ca	CA	131-3502	$92.77
K						
Kjeldahl Tablets TT-35	3.5g K2SO4+ 0.1g CuSO4 +0.1g TiO2	-	1000 tab-lets/pk	PK	220-3168	$554.06
Kjel-sorb TM Solution	Saturated Boric Acid Solution	20 L	Polypack	EA	220-3165	$114.87
L						
Lactic Acid	20 PCT, W/V	500 mL	-	EA	220-3401	$278.26
L-Cysteine Hydrochloride Monohydrate	99%	25 g bottle		EA	373-3421	$38.32

Prices subject to change.

LABORATORY REAGENTS

Description	Additional Information	Size	Pkg	Unit	Stock#	PRICE
M						
Magnesium Chloride Hexahydrate	Crystal; ACS, MgCl2 +6 H2O	500 g	-	JR	154-3496	$32.78
Magnesium Sulfate	98.0 to 102%; Crystal, ACS	500 g	-	JR	154-3500	$160.94
Methyl Alcohol	99.8% Anhydrous; ACS	500 mL	-	BO	131-3550	$13.10
Methyl Alcohol	99.8% Anhydrous; ACS	500 mL	6/ca	CA	131-3551	$61.57
Methyl Alcohol	99.8%Anhydrous; ACS	4 L	-	BO	131-3552	$30.96
Methyl Alcohol	99.8%Anhydrous; ACS	4 L	4/ca	CA	131-3553	$75.65
Methyl Alcohol	99.8%; ACS	500 mL	-	BO	154-3553	$27.63
Methyl Alcohol	99.8%; Certified ACS	500 mL	6/ca	CA	220-3506	$110.85
Methyl Alcohol	99.8%; ACS	4L	-	BO	154-3552	$31.35
Methyl Alcohol	Phosphatase testing	1 qt	-	BO	534-3132	$13.16
Microtabs II (Bronopol Preservative)	For 2-oz Milk sample	800/pk	-	PK	166-3087	$17.77
Methylene Blue Stain, LW/NL-X	Xylene	1 qt	-	BO	534-3183	$62.92
Methylene Blue Stain, LW/NL-CT	Canadian/tetrachloroethane	1 pint	-	BO	534-3225	$105.65
Mineral Oil	Heavy Duty, ISO-32	5 gal	-	PA	802-4005	$145.99
N						
Neutral Detergent Fiber (NDF)	Solution (Fibersol-T)	20 L	-	EA	131-7016	$96.88
Nitric Acid	68-70%; ACS	500 mL	-	BO	131-3650	$32.24
Nitric Acid	68-70%; ACS	2.2 L	6/ca	CA	131-3656	$179.02
Novobiocin Sodium Salt		1 g	-	EA	220-3407	$79.76
P						
Petroleum Ether	35-60°C; ACS	950 mL	-	BO	131-3035	$28.68
Petroleum Ether	35-60°C; ACS	3.8 L	-	TN	131-3721	$77.80
Petroleum Ether	35-60°C; ACS	20 L	-	CN	154-3720	$197.54
Phosphate Buffer	pH 7.2; APHA; for BOD	1 L	-	BO	220-3702	$84.78
o-Phosphoric Acid	85%; ACS	500 mL	-	BO	154-3740	$94.51
o-Phosphoric Acid	85%; ACS	2.5 L	-	BO	220-3741	$115.52
Potassium Chloride	Saturated Solution	1 L		BO	131-3760	$28.78
Potassium Chloride	ACS; Crystal	500 g	-	JR	131-3754	$15.91
Potassium Chromate	5% (w/v) Aqueous, APHA; for Chloride	500 mL	-	BO	154-3755	$26.77
Potassium Citrate	Crystal; Certified	500 g	-	JR	220-3185	$81.66
Potassium Dichromate	Crystal; ACS	500 g	-	JR	154-3758	$285.84
Potassium Hydroxide	0.02N in Methanol	1 L		BO	617-3176	$27.28
Potassium Hydroxide	Pellets; Certified ACS	500 g	-	JR	154-3763	$90.87
Potassium Iodide	Granular; ACS	100 g	-	JR	154-3766	$170.28
Potassium Iodide	Granular; ACS	125 g		BO	131-3055	$46.45
Potassium Permanganate	5% (w/v) APHA	500 mL		BO	617-3160	$26.98
Potassium Permanganate	ACS; Crystal	500 g	-	BO	131-3764	$52.98
Potassium Phosphate	Monobasic; ACS; Crystal	500 g	-	EA	131-3767	$26.11
Potassium Sorbate	99 PCT	1 kg		EA	220-3404	$130.71
Potassium Thiocyanate	0.1N (N/10)	1 L		BO	617-3163	$45.67
1-Propanol (n-Propyl Alcohol)	Certified	1 L	-	BO	220-3164	$73.83
1-Propanol (n-Propyl Alcohol)	Certified	500 mL	-	BO	154-3775	$60.77
1-Propanol (n-Propyl Alcohol)	Certified	4 L Safe Tin	-	TN	154-3777	$314.96
1-Propanol (n-Propyl Alcohol)	Certified	4 L Safe Tin	4/ca	CA	220-3100	$1,007.89
2-Propanol (Isopropyl)	ACS	500 mL	-	BO	131-3085	$15.92
2-Propanol (Isopropyl)	ACS	500 mL	6/ca	CA	220-3507	$206.35
2-Propanol (Isopropyl)	ACS	20 L	-	TN	131-3314	$138.77
R						
Red Reader	Glymol; for Babcock Fat Test	1 qt	-	BO	154-3790	$23.25

Call Customer Service at 800-826-8302

LABORATORY REAGENTS

Description	Additional Information	Size	Pkg	Unit	Stock#	PRICE
S						
Silica Sand	White	5# bag		BG	699-3005	$5.00
Silver Nitrate	0.014N Solution; APHA; Certified	1 L	-	BO	220-3110	$119.89
Silver Nitrate	0.017N; Solution	4 L	-	BO	131-3820	$91.62
Silver Nitrate	0.1N (N/10); Solution	1 L	-	BO	131-3819	$78.34
Silver Nitrate	0.1N (N/10); Solution	1 L	6/ca	CA	131-3818	$343.84
Silver Nitrate	0.1N (N/10); Solution	4 L	-	BO	131-3484	$276.69
Silver Nitrate	0.171N; Solution	500 mL	-	EA	131-7002	$65.88
Silver Nitrate	0.171N; Solution	1 L	-	BO	154-3823	$199.31
Silver Nitrate	0.1N (N/10) Solution; Certified	1 L	-	BO	154-3820	$210.24
Silver Nitrate	0.171N; Solution	1 L	6/ca	CA	131-3823	$711.43
Sodium Carbonate	Anhydrous, For Acid Neutrilization	2.5 kg	jar	JR	131-3121	$42.72
Sodium Chloride	Crystal; ACS	500 g	-	JR	220-3840	$35.30
Sodium Citrate	Granular; Certified	500 g	-	JR	154-3830	$31.87
Sodium Citrate Dihydrate	Granular; Certified	10 kg	-	PA	154-3832	$426.27
Sodium Hydroxide Calibration Solution	0.1N Potassium Hydrogen Phthalate	500 mL	-	BO	131-3825	$27.27
Sodium Hydroxide (Neutralizer)	0.1N (N/10); for titratable acidity	1 L	-	BO	131-3083	$9.90
Sodium Hydroxide (Neutralizer)	0.1N (N/10); for titratable acidity	1 L	6/ca	CA	131-3082	$36.59
Sodium Hydroxide (Neutralizer)	0.1N (N/10); for titratable acidity	1 gal	4/ca	CA	131-3081	$26.57
Sodium Hydroxide (Neutralizer)	0.1N (N10); for titratable acidity	3.8 L	-	EA	131-3583	$23.47
Sodium Hydroxide	Pellets; Certified ACS	3 kg	-	JR	220-3849	$252.89
Sodium Hydroxide	Pellets; Certified ACS	10 kg	-	JR	220-3848	$437.06
Sodium Hydroxide	40% (w/w) Aqueous Solution	20 L	-	EA	131-3089	$109.45
Sodium Hydroxide	50% Solution; Reagent; Kjeldahl	4 L	-	EA	131-3855	$51.92
Sodium Hydroxide	40% w/w; Kjeldahl	10 L	Polypak	EA	220-3178	$239.93
Sodium Hydroxide	50% Solution; Reagent; Kjeldahl	20 L	-	PK	154-3857	$117.52
Sodium Hydroxide	1.00N	1 L	-	EA	131-3852	$11.75
Sodium Hydroxide	1N Solution, Certified	3.8 L	-	BO	131-3613	$24.64
Sodium Hydroxide	1N Solution, Certified	3.8 L	4/ca	CA	131-3961	$73.53
Sodium Hydroxide	10N Solution; Kjeldahl; Certified	1 L	-	BO	154-3851	$29.43
Sodium Hydroxide Pellets	97.0% ACS	500 g	6/ca	CA	131-3183	$101.06
Sodium Hydroxide Pellets	97.0% ACS	500 g	-	JR	131-3184	$29.30
Sodium Lactate Syrup	60 PCT, W/V	500 mL	-	JR	154-3947	$143.06
Sodium Thiosulfate	0.010N (N/100)	1 L	-	BO	617-3175	$23.20
Sodium Thiosulfate	0.010N (N/100)	3.8 L	-	BO	131-3026	$88.69
Sodium Thiosulfate	Crystal; Certified ACS	500 g	-	JR	154-3880	$81.39
Sodium Thiosulfate	0.025 (N/40) Solution; Certified	1 L	-	BO	154-3882	$46.40
Starch Solution	Stabilized, 1%	1 L	-	BO	716-3863	$27.76
Sulfuric Acid	0.200 N	20 L Cube	-	PK	131-3763	$80.40
Sulfuric Acid	Babcock Test; 1.820-1.830 specific gravity	1 L	-	BO	131-3893	$9.08
Sulfuric Acid	Babcock Test; 1.820-1.830 specific gravity; DOT shipper	2.2 L	-	BO	131-3895	$26.85
Sulfuric Acid	Babcock Test; 1.820-1.830 specific gravity; DOT shipper	2.2 L	4/ca	CA	131-3899	$78.89
Sulfuric Acid	Babcock Test; 1.820-1.830 specific gravity	3.8 L	4/ca	CA	131-3894	$62.64
Sulfuric Acid	Babcock Test, 66°, 1.835 specific gravity; DOT ship-per	1 L	-	BO	131-3008	$8.96
Sulfuric Acid	Babcock Test, 66°, 1.835 specific gravity	3.8 L	4/ca	CA	131-3011	$60.36
Sulfuric Acid	Gerber Ice Cream Test, Special dilution for test	1 gal	-	GA	534-3105	$54.60
Sulfuric Acid	Gerber Milk Test, 1.820-1.825 specific gravity	3.8 L		BO	131-3400	$30.35
Sulfuric Acid	Gerber Milk Test,1.820-1.825 specific gravity	3.8 L	4/ca	CA	131-3401	$105.31
Sulfuric Acid	95 to 98%; 1.840 specific gravity; ACS	2.5 L	4/ca	CA	131-3898	$103.79
Sulfuric Acid	95 to 98%; 1.840 specific gravity; ACS	2.5 L	-	BO	131-3896	$44.26
Sulfuric Acid	95 to 98%; 1.840 specific gravity; ACS	3.8 L	4/ca	CA	131-3897	$97.82
Sulfuric Acid	1.0 N	1 L	-	BO	131-3778	$19.49
T						
Trichloroacetic Acid	ACS; Crystal	500 g	-	JR	131-3385	$54.29
Triton X-100®	Wetting agent	500 mL	-	BO	154-3920	$25.55

Prices subject to change.

M926 Chloride Analyzer Supplies

Chloride Standard

100 mL bottle.

Use for Model	Unit	Stock#	PRICE
M926	BO	780-3750	$11.48
925/M926S	BO	780-3756	$11.48

M926 Chloride Analyzer Supplies

Combined Acid Buffer

500 mL bottle. Use with the Nelson-Jameson M926 Chloride Analyzer System.

Use for Model	Unit	Stock#	PRICE
M926/M926S	BO	131-3751	$22.41

Aquastar™ Karl Fischer Reagent

For volumetric titrations. Solution is pyridine-free to reduce odor problems.

Description	Size	Pkg	Unit	Stock#	PRICE
Aquastar Water/Methanol (1 mL = 5 mg H2O) Standard	1 L	6 btl/ca	BO	373-3009	$765.45

DUO pH Neutral/Saline Personal Eyewash Station

Wall-mounted, dual bottle personal eyewash station includes one 500 mL sterile pH Neutral solution bottle and one 1000 mL sterile Saline solution bottle. With two wash streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. Features ergonomic eyecups to provide an effective and comfortable flushing flow. The sterile pH Neutral phosphate solution is able to neutralize any acidic or alkali substance that enters the eyes to help restore a proper pH balance. Includes an instructional wall sign. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock#	PRICE
Eyewash Station	EA	310-2505	$54.95
500 mL pH Neutral Replacement Bottle	EA	310-2530	$17.95
1000 mL Saline Replacement Bottle	EA	310-2535	$16.95

DUO Saline Personal Eyewash Station

Wall-mounted, dual bottle personal eyewash station that includes two 1000 ml sterile Saline solution bottles. With two ergonomic streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. Includes an instructional wall sign. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock#	PRICE
Eyewash Station	EA	310-2510	$49.95
1000 ml Saline Replacement Bottle	EA	310-2535	$16.95

Call Customer Service at 800-826-8302

EYEWASH STATIONS

DUO pH Neutral/Saline Dust-Proof Personal Eyewash Station

Wall-mounted, dust-proof, dual bottle personal eyewash station that includes one 500 ml sterile pH Neutral solution bottle and one 1000 ml sterile Saline solution bottle in a tightly-sealed enclosure. With two ergonomic streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. The sterile pH Neutral phosphate solution is able to neutralize any acidic or alkali substance that enters the eyes to help restore a proper pH balance. Includes a visual assistance mirror. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock#	PRICE
Eyewash Station	EA	310-2520	$76.95
500 ml pH Neutral Replacement Bottle	EA	310-2530	$17.95
1000 ml Saline Replacement Bottle	EA	310-2535	$16.95

DUO Saline Personal Dust-Proof Eyewash Station

Wall-mounted, dust-proof, dual bottle personal eyewash station that includes two 1000 ml sterile Saline solution bottles in a tightly-sealed enclosure. With two ergonomic streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. Includes a visual assistance mirror. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock#	PRICE
Eyewash Station	EA	310-2525	$69.95
1000 ml Saline Replacement Bottle	EA	310-2535	$16.95

Single DUO Saline Person Eyewash Station

Wall-mounted, single bottle personal eyewash station that includes one 1000 ml sterile Saline solution bottle. With two ergonomic streams, the DUO eyewash provides simultaneous eye coverage allowing for both eyes to be treated with an advanced rinse process for supplementary flushing support. Includes an instructional wall sign. Replacement eyewash solution bottles available, sold separately.

Description	Unit	Stock#	PRICE
Eyewash Station	EA	310-2515	$39.95
1000 ml Saline Replacement Bottle	EA	310-2535	$16.95

Prices subject to change.

Scienceware® Plum Emergency Neutralizing Eye Wash Systems

SP SCIENCEWARE

Don't just rinse your eyes – neutralize! Strong alkalis and acids can penetrate the cornea in 45 seconds, permanently impairing vision. With the Plum neutralizing eye wash station, rapid neutralization back to the eye's normal pH of 7.4 can be accomplished in just 20 seconds. The bottles require no maintenance or cleaning, have a shelf life of up to 3 years, and meet all U.S. federal regulations. Complies with ANSI standards. Place near hazardous operations for immediate action, followed by OSHA prescribed treatment using eye rinse station. Note: saline solution is non-neutralizing and for rinsing only.

Description	Size	Packaging	Unit	Stock#	PRICE
Neutralizing eye wash station	Neutralizer: 200 mL; sterile saline: 500 mL	1/bx	BX	010-3003	$62.25
Eye neutralizer refill	200 mL	3/pk	PK	010-3006	$43.00
Eye saline solution refill	500 mL	3/pk	PK	010-3007	$38.20

Hazardous Spill Clean-Up Kit

Neutralize, stabilize and solidify dangerous acids, bases, organics, and aqueous solutions. Each absorbent cleans up 2-5 liters of chemical spills. Color indicating. Sturdy wall mount dispenser contains:

- Five absorbents.
- One pair of nitrile acid-resistant gloves.
- Pick-up scoop with scraper.
- Six waste bags.
- Hazardous and non-hazardous labels.
- Hazardous-material accident reporting kit.

Unit	Stock#	PRICE
KT	502-3105	$122.00

NFPA Classification Diamond Roll Labels
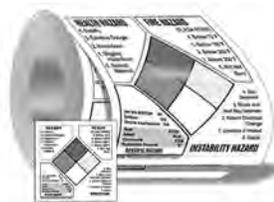
Adhesive poly write on labels with the NFPA Diamond allow you to customize your message. Use for secondary container labeling throughout the food processing facility to keep chemicals and lab products properly identified. 2″ x 2″ labels; 250 labels/roll.

ACCUFORM. INFORM, PROTECT, & MOTIVATE

Unit	Stock#	PRICE
RL	083-2040	$43.71

HMCIS Safety Labels

ACCUFORM. INFORM, PROTECT, & MOTIVATE

Adhesive poly labels are the five color bar format of HMCIS. Fill in each of the color bars with the hazard codes and protective equipment (in the white bar). 2″ x 2″ labels; 250 labels/roll.

Unit	Stock#	PRICE
RL	083-2041	$43.71

Call Customer Service at 800-826-8302

CHEMICAL SAFETY

Hazardous Waste Shipping Labels

Comply with current federal regulations regarding identification of hazardous waste materials for transportation off-site. These self-adhesive coated paper labels measure 6″ x 6″ and are sold in packs of 25. Yellow/Red.

Unit	Stock#	PRICE
PK	083-2042	$12.93

Danger: Acid Sign

Material	Unit	Stock#	PRICE
7″ x 10″, Red/Black/White			
Plastic	EA	080-2068	$9.06
Adhesive Dura-Vinyl™	EA	083-2655	$9.57
Aluminum	EA	080-2067	$12.95
10″ x 14″, Red/Black/White			
Plastic	EA	080-2069	$13.53
Adhesive Dura-Vinyl™	EA	080-2074	$14.33
Aluminum	EA	080-2073	$21.51

Danger: Sulfuric Acid Sign

Material	Unit	Stock#	PRICE
7″ x 10″, Red/Black/White			
Plastic	EA	080-2085	$9.06
Adhesive Dura-Vinyl™	EA	083-2695	$9.57
Aluminum	EA	080-2084	$12.95
10″ x 14″, Red/Black/White			
Plastic	EA	080-2086	$13.53
Adhesive Dura-Vinyl™	EA	080-2088	$14.33
Aluminum	EA	080-2087	$21.51

Flammable Liquids Cabinets

Keep your combustible liquids stored in a top-quality cabinet. The cabinet has 2 manual close doors and a 3-point key lock. Adjustable galvanized shelves. 2″ vents with fire baffle and caps. Yellow cabinet. Ships direct from manufacturer. Freight charges apply. Made in the USA. Meets NFPA Code 30 and OSHA requirements. Other sizes available.

Model	Capacity	Size	Shelves	Wt	Unit	Stock#	PRICE
1932	30-gal	43″W x 18″D x 44″H	1	231	EA	412-1990	$1,197.28
1947	45-gal	43″W x 18″D x 65″H	2	312	EA	412-1992	$1,482.10

Prices subject to change.

pH-Fix Test Strips

The patented pH-Fix technology stands for a high quality, color-fixed pH test strip system. To prevent bleeding, the pH-indicator is chemically bound to the cellulose fiber. Unlike classic pH papers, pH-Fix effectively protects the sample against contamination and enables measurements even in weakly buffered or strongly alkaline solutions. Four different color blocks for each pH-value ensure highly precise pH-determination and make the application rapid and reliable. 100 strips/pack.

pH Range	Graduations	Unit	Stock #	PRICE
0.0 - 6.0	Every 0.5 pH	PK	631-3326	$18.35
0.3 - 2.3	0.3, 0.7, 1.0, 1.3, 1.6, 1.9, 2.3	PK	631-3321	$18.35
0 - 14	Every 1.0 pH	PK	631-3322	$18.35
4.5 - 10.0	Every 0.5 pH	PK	631-3320	$18.35
3.6 - 6.1	3.6, 4.1, 4.4, 4.7, 5.0, 5.3, 5.6, 6.1	PK	631-3325	$18.35
6.0 - 10.0	6.0, 6.4, 6.7, 7.0, 7.3, 7.6, 7.9, 8.2, 8.4, 8.6, 8.8, 9.14, 9.5, 10.0	PK	631-3327	$18.35
2.0 - 9.0	Every 0.5 pH	PK	631-3328	$18.35

COLORPHAST® pH Paper Strips

Test strips measure only the selected ranges. 100 strips/pack.

Mfg Part #	pH Range	Sensitivity	Unit	Stock #	PRICE
EM-95813	2.5 to 4.5	0.2 to 0.3	PK	373-3327	$35.36
EM-9587-3	7.5 to 14.0	0.3 to 0.5	PK	373-3331	$36.97
EM-95853	11.0 to 13.0	0.2 to 0.3	PK	373-3329	$32.83

Hydrion® pH Strips

Premium quality, wide-range Hydrion plastic strips offer clear, bright single color matches. Conveniently packed in flip-top vials. Dip the strip into the test solution, then instantly compare the resulting color with the matching pH color chart on the side of the vial. 100 strips/vial.

Mfg Part #	pH Range	Unit	Stock #	PRICE
9800	0-14 pH, Graduations every 1.0 pH	VI	373-3340	$16.66

Hach® pH Color Disc Kit

For better accuracy, use the Hach pH color disc kit, rather than traditional pH test strips or paper. Simply add indicator to your sample and compare the color to the spots on the color disc to measure pH to 0.5 pH.

Mfg Part #	Range	Pkg	Unit	Stock #	PRICE
147011	4 to 10 pH	300 tests/kt	KT	208-3002	$80.99
147006	5.5 to 8.5 pH	200 tests/kt	KT	208-3004	$86.49

Hydrion® pH Papers and Dispensers

Clear refillable dispensers contain 15' of pH test paper. Five 15' rolls per refill pack. Short range pH paper shows a distinct color change for each half pH unit. Wide range pH paper shows a distinct color change for each full pH unit.

pH Range	Unit	Stock #	PRICE
Short Range pH Paper with Dispenser			
0.0 to 3.0	RE	373-3302	$5.26
1.0 to 2.5	RE	373-3333	$5.26
3.0 to 5.5	RE	220-3352	$5.26
3.4 to 4.8	RE	373-3334	$5.26
4.5 to 7.5	RE	155-3518	$7.52
5.6 to 6.8	RE	373-3335	$5.26
6.0 to 8.0	RE	373-7002	$5.29
7.2 to 8.8	RE	373-3336	$5.26
8.0 to 9.5	RE	373-3337	$5.26
9.0 to 12.0	RE	155-3520	$5.26
Short Range pH Paper Refill Packs, 5 rolls/pk			
0.0 to 3.0	PK	220-3313	$33.59
1.0 to 2.5	PK	155-3509	$32.93
3.0 to 5.5	PK	155-3510	$33.86
4.5 to 7.5	PK	220-3309	$32.35
6.0 to 8.0	PK	220-3317	$21.29
8.0 to 9.5	PK	220-3319	$33.82
9.0 to 12.0	PK	220-3333	$19.66
Wide Range pH Paper with Dispenser			
1.0 to 12.0	RE	373-3321	$5.26
1.0 to 11.0	RE	373-3322	$5.26
3.0 to 9.0	RE	373-3323	$5.26
Wide Range pH Paper Refill Pack, 5 rolls/pk			
1.0 to 12.0	PK	373-3325	$21.29
1 to 11 vivid	PK	373-3324	$25.66
3.0 to 9.0	PK	373-3338	$33.86

Call Customer Service at 800-826-8302

CHLORINE TEST STRIPS & KITS

Hach® Aqua Chek™ Test Strips

Until now, testing of water was a cumbersome, time-consuming operation involving drop counting, test tubes, reagents, and color comparators. With these easy-to-use test strips, all of that is unnecessary. Now, Aqua Chek Chlorine gives you an accurate method of determining both total and free chlorine from 0-10 ppm, while Aqua Chek 5 tests for five water conditions simultaneously, measuring pH, alkalinity, hardness, free chlorine, and total chlorine with one strip. 50 strips/bottle

.

Mfg Part #	Description	Unit	Stock #	PRICE
651453H	Aqua Chek Chlorine	BO	208-3450	$20.43
621410H	Aqua Chek 5-in-1	BO	208-3021	$21.70

Hach® Test Strips Chlorine At-A-Glance

Simplify your water or foot bath testing with results in less than one minute by using these convenient test strips. Strips test for Free Chlorine over a high range, 0-600 mg/L, with scale readings of 0, 25, 100, 200, 400, 600. 100 strips/pack.

Mfg Part #	Range	Unit	Stock #	PRICE
2890200	0-600 mg/L	PK	208-3289	$27.45

Hach® Free & Total Chlorine Color Disc Test Kit

The CN-66, a color wheel, visual test kit method, provides fast and accurate comparisons. The continuous color gradient allows better resolution of the concentration reading than stepwise comparators. This method uses powder DPD reagent that reacts with the chlorine more quickly than tablet-form DPD, giving more accurate results. 50 tests for Total Chlorine and 50 tests for Free Chlorine. Carrying case included.

Mfg Part #	Range	Unit	Stock #	PRICE
223101	0 to 3.5 mg/L	KT	208-3101	$62.59

HYDRION® Test Strips

Test strips for sanitizing solutions. Easily used by personnel in testing working sanitizing solutions. Testers consist of dispenser, color chart, and 15' roll of test paper. Quat test papers measure Alkyldimethylbenzal ammonium compounds such as Roccal II and Hyamine 3500.

Mfg Part #	Description	Range	Pkg	Unit	Stock #	PRICE
CM-240	Chlorine tester	10 to 200 ppm	2 rl/bx, 10 bx/ctn	CT	373-3240	$45.29
QT-10	Quat test paper	0 to 400 ppm	1 rl/bx, 10 bx/ctn	CT	373-3400	$51.77
QT-10	Quat test paper	0 to 400 ppm	1 rl/bx	RL	373-3113	$5.17
QK-1000	Quat test paper	0 to 400/0 to 1000 ppm	2 rl/bx	BX	373-3402	$9.04
QC-1001	Quat test paper	0 to 1000 ppm	1 rl/bx, 10 bx/ctn	CT	373-3403	$50.68

Prices subject to change.

Hach® Quantab® Chloride Titrator Test Strips

A Quantab titrator consists of a thin, chemically inert plastic sheath. Laminated within the sheath is a strip impregnated with the components necessary to perform the individual titration. When the titrator is placed in the solution to be tested, fluid will rise up the strip by capillary action. A color change will occur on the strip, the height of which is proportional to the concentration of analyte present. The peak height is easily measured against a printed scale superimposed on the front side of the plastic sheath. Packaged 40 titrators/bottle.

Mfg Part #	Range	Unit	Stock #	PRICE
711195H	30 to 600 ppm Chloride (0.005% to 0.1% NaCl)	BO	208-3792	$57.50
711196H	300 to 6000 ppm Chloride (0.05% to 1.0% NaCl)	BO	208-3793	$56.24

Hach® Pocket Colorimeter II

Designed for the rigors of field and processing areas, Hach colorimeters provide consistent, accurate measurements in an easy-to-use waterproof platform. Features include the ability to measure one or two parameters, concentration and absorbance modes, backlit display, and datalogging of last 10 points with measurement time. Operating temperature range: 0-50°C. Single wave-length models measure absorbance at a fixed wavelength.

- Standard models (kits) available that include required sample cells, reagents, batteries, and manual.
- Generic pocket colorimeters pre-set to specific light wavelength are also available.

Call our laboratory product specialists for models not listed. 2-year warranty.

Mfg Part #	Description	Method	Range	Unit	Stock #	PRICE
Colorimeters						
5870000	Colorimeter II, Free & total chlorine, 50 - 100 test/kit	DPD	0.02 - 2.00/0.1-8.0 mg/L CL2	EA	208-3587	$432.00
5870050	Colorimeter II, Generic, 500 nm wavelength	Instrument only		EA	208-3050	$437.00
Accessories						
5953100	Soft-side case/holster			EA	208-3100	$26.35
2427606	Sample cell, glass w/cap, 10 ml mark, 25 mm path length, 6 ea/pk			PK	208-3606	$30.79
4864302	Sample cell, plastic w/cap, 10 ml mark, 1 cm pathlength, 2 ea/pk			PK	208-3302	$17.00
2105569	Free chlorine reagent powder pillows kit, 100 tests low range / 50 tests high range			PK	208-3569	$21.15
2105669	Total chlorine reagent powder pillows kit, 100 tests low range / 50 tests high range			PK	208-3210	$21.15
2635300	Secondary standard, DPD method, LR, 0-2.00 mg/L chlorine			PK	208-3353	$169.00
2893300	Secondary standard, DPD method, HR, 0-8.00 mg/L chlorine			PK	208-3893	$171.00
2763900	DR/Check absorbance standard kit			KT	208-3639	$184.00

Call Customer Service at 800-826-8302

CHEMICAL TEST STRIPS

SenSafe™ Water Quality Test Strips

SenSafe test strips allow the aqueous solution to pass back and forth through an impregnated chemical membrane. The test strips only contain 1/10 the amount of chemical used in most test kits. The result is sensitivity combined with safety. That is why these are called SenSafe. #352-3027 and #352-3026 are USEPA approved. 50 strips/bottle, 12 bottles/case.

Mfg Part #	Description	Range	Detect Levels	Unit	Stock #	PRICE
480002	Free chlorine (process water)	0 - 7 ppm	0, 1, 2, 3, 4, 5, 6, 7 ppm	BO	352-3002	$15.28
480124	Free chlorine	0-2000 ppm	0, 25, 50, 200, 500, 800, 1100, 1500, 2000	BO	352-3124	$13.48
481026	Free chlorine(drinking water)	0 - 6 ppm	0,.05, 0.1, 0.2, 0.4, 0.6, 0.8, 1.2, 1.5, 2, 2.6, 4, 6 ppm	BO	352-3026	$17.08
480014	Peroxide	0.50 - 100 ppm	0.5, 2, 5, 10, 25, 50, 100 ppm	BO	352-3014	$14.38
480024	Free chlorine	0 - 750 ppm	0.25, 50, 100, 200, 300, 400, 500, 750 ppm	BO	352-3024	$13.48

LaMotte Test Strips

Rapid results from convenient test strips.

Tests For	Range	Pkg	Unit	Stock #	PRICE
Chlorine	10 to 200 ppm	200/vl	VI	387-3425	$4.60
Free chlorine	0 to 800 ppm	50/vl	VI	387-3031	$19.87
Iodine	12 to 100 ppm	200/vl	VI	387-3294	$4.60
pH	3.0 to 10.0 pH	200/vl	VI	387-3291	$11.16
Quat ammonia	50 to 400 ppm	100/vl	VI	387-3297	$5.98
Quat ammonia	200 to 1500 ppm	50/vl	VI	387-3251	$8.17
Peracetic acid	0 to 1000 ppm	50/vl	VI	387-3000	$10.12
Peracetic Acid	0 to 160 ppm	50/vl	VI	387-3010	$10.22

EM™ Quant™ Test Strips

Easy-to-use strips are perfect for field testing, preliminary semi-quantitive analysis or quality control. No special skills or technical background required. Note: mg/L is an equal measurement to ppm. Includes color chart to interpret results.

Tests For	Range	Pkg	Unit	Stock #	PRICE
Nitrate	10 to 500 mg/L	100/pk	PK	373-3104	$79.52
Peroxide	0 to 25 mg/L	100/pk	PK	373-3100	$73.87

Quantofix® Test Strips

Eliminate the need for equipment and reagents by using these precalibrated test strips. The color charts are adjusted and verified using certified standard solutions that are directly traceable to primary NIST standards. 100/vial.

Tests For	Range	Graduations	Unit	Stock #	PRICE
Peroxide	0 to 25 ppm	0-0.5-2-5-10-25 ppm	VI	631-3319	$41.86
Peroxide	0 to 1000 ppm	0-50-150-300-500-800-1000 ppm	VI	631-3318	$41.86
Sulfite Test Strips	0 to 1000 ppm	0-10-25-50-100-250-500-1000 ppm	VI	631-3323	$44.94

Hach® SoftChek™Test Strips

To determine water hardness, try Softchek test stips. 250 foil-sealed strips/case.

Mfg Part #	Range	Unit	Stock #	PRICE
611215H	0 to 25 Grains/gallon	CA	208-3802	$113.68

Prices subject to change.

NELSON-JAMESON CLEANING & VERIFICATION TEST KITS

Nelson-Jameson Acidity Test Kit

Verify the concentration levels of acid cleaners used for cleaning and sanitizing within your production facility. This acid test kit can be used with acid CIP cleaners, foaming acid cleaners and manual/general acid cleaners. Concentration levels are represented as % acidity.

Application	Unit	Stock #	PRICE
1 drop = 0.02% Phosphoric Acid/10 mL sample	KT	612-3400	$41.86

Nelson-Jameson Caustic Test Kit

Verify the concentration levels of caustic cleaners used in the cleaning and sanitation industry. Caustic test kits test caustic levels in HTST, evaporators, process equipment, and dryers. Concentration levels are represented in % caustic.

Application	Unit	Stock #	PRICE
1 drop = 0.1% Caustic on a 10 mL sample	KT	612-3401	$45.43

Nelson-Jameson Chlorinated Alkaline Test Kit

Use to verify the concentration levels of chlorinated alkaline cleaners used in the cleaning and sanitation process within your plant. Test kits can be used with chlorinated alkaline CIP cleaners, foaming chlorinated alkaline cleaners and manual/general cleaners. Concentration levels are represented as ppm alkalinity.

Application	Unit	Stock #	PRICE
1 drop = 80 ppm as NaOH	KT	612-3405	$42.69
1 drop = 160 ppm as NaOH	KT	612-3402	$42.07

Nelson-Jameson Water Hardness Test Kit

Calcium and magnesium salts dissolved in water cause hardness which can lead to scale. A standard solution of chelant is used to titrate the hardness in the sample. The indicator changes from red to blue at the titration end point.

Application	Unit	Stock #	PRICE
1 drop = 10 ppm as CaCO3	KT	612-3403	$47.31

Nelson-Jameson Peracetic Acid Test Kit

Verify the concentration levels of peracetic acid used in cleaning and sanitation. Peracetic test kits are used to test peracetic acid levels in sanitizer applications, wash water applications and waste water applications. Concentration levels are represented in ppm.

Application	Unit	Stock #	PRICE
1 drop = 5.0, 7.5, 15, 30, 60, 150, 300 based on sample size	KT	612-3404	$54.36

Call Customer Service at 800-826-8302

CHEMICAL TEST STRIPS

LaMotte Titration Test Kits

Test kits provide rapid results using convenient easy-to-follow procedures. Everything you need to test is included in the kit. Compared to official methods, these test methods are highly selective and quite sensitive when used for specified applications following recommended procedures. Note: mg/L is an equal measurement to ppm.

Tests For	Range	Pkg	Unit	Stock #	PRICE
Alkalinity	1 drop = 10 ppm as CaCO3	50 tests/kt	KT	387-3453	$54.44
Caustic	1 to 10% NaOH 0.2% increments	50 tests/kt	KT	387-3751	$70.98
Total Chlorine	0 to 220 ppm, 4 ppm increments	50 tests/kt	KT	387-3449	$45.58
Chlorine	1 drop = 10 ppm Cl	50 tests/kt	KT	387-3450	$46.37
H2O hardness	0 to 20 grains/gal., 1 gpg CaCO3 increments	100 tests/kt	KT	387-3476	$21.22
Peracetic acid	1 drop = 50 ppm peracetic; 1 drop = 15 ppm peracetic	50 tests/kt	KT	387-3447	$71.23
Quat ammonia	0 to 500 ppm, 10 ppm increments	50 tests/kt	KT	387-3452	$41.20
Chlorine	0.1 to 1.0 ppm/1.0 to 6.0 ppm	100 tests/kt	KT	387-3107	$120.64
Chlorine	0.1 to 1.0 ppm	50 tests/kt	KT	387-3312	$77.56
Phosphate	0.5 to 10 ppm	50 tests/kt	KT	387-3106	$108.24
Acidity	0 to 2%, 0 to 20%	50 tests/kt	KT	387-3960	$45.32

WATER TEST KIT

Colitag™ Presence/Absence Total Coliform Test Kit

Detect total coliforms and E. coli in water samples in 16-48 hours using an EPA-approved selective and differential medium with these test kits. Easy one-step, ready-to-use medium; all you do is add to your water sample, incubate, and read results. Negative coliform is clear, positive for coliforms is yellow and positive for E. coli is blue with a UV lamp (694-2010).

This extremely sensitive test kit detects 1 chlorine injured CFU of total coliform or E. coli in a 100 mL sample. No further confirmation or verification steps are required. Colitag provides you with an alternate method for detecting fecal coliforms and both MUG-positive and MUG-negative E. coli. This procedure utilizes increased incubation temperatures to determine fecal coliforms - a UV lamp and Kovac's reagent (304-3067) is needed. Suggested vials for water sampling are 170-3254. 20 tests per kit.

Mfg Part #	Description	Pkg	Unit	Stock #	PRICE
9850	Test Kit	20/kt	KT	498-3044	$125.02
Accessories					
	Portable UV lamp	1/ea	EA	694-2010	$288.65
	Kovac's Reagent	15 mL tube	TB	304-3067	$12.99
	4-oz Water Vials w/ Thiosulfate Pills	200/ca	CA	170-3254	$46.03

Prices subject to change.

SCHARER Rapid Phosphatase Test Kit

WEBER Phos-Kit

The Scharer Rapid Phosphatase Test is an indication of the safety of a dairy product, measuring the effectiveness of pasteurization. The test is based on the detection of the phosphatase enzyme, a constituent of raw milk which is destroyed by pasteurizing. If pasteurization is faulty, some phosphatase remains and can be detected.

The Phos-Kit is the first major improvement to the Scharer rapid phosphatase test in many years. The required n-butyl alcohol (#534-3130) and methyl alcohol (#534-3132) must be ordered separately.

Kit contains: (1) removable 9-tube rack, (9) graduated tubes w/screw caps, set of 3 color standards, (1) plastic filter sheet, (2) glass stir rods, (12) glass dropping pipettes w/rubber bulbs, (2) amber glass bottles, (1) 50 mL graduated bottle, (50) buffer control tablets, (50) CQC reagent tablets, (50) buffer substrate tablets, and instructions.

Not recognized as an official test in the Pasteurized Milk Ordinance (PMO) for Grade A milk.

Description	Unit	Stock #	PRICE
Weber Phos-Kit	KT	534-3110	$208.71
Replacement Parts & Accessories			
Test tubes w/screw cap	EA	534-3115	$4.22
Screw caps	EA	534-3118	$0.20
Test tube rack	RA	534-3122	$15.02
Color standards, 3/set	ST	534-3121	$32.72
Glass dropping pipet w/rubber bulb	EA	534-3123	$1.69
Glass stir rod	EA	534-3129	$4.00
Glass dropping bottle, ½-oz	EA	534-3135	$2.67
Glass bottle, 1-oz	EA	534-3136	$3.17
Graduated bottle, 50mL	EA	534-3128	$4.45
Buffer control tablets, 50/btl	BO	534-3205	$18.35
CQC reagent, 50 mL/btl (phenol indicator)	BO	534-3208	$46.51
Buffer substrate tablets, 50/btl	BO	534-3106	$35.42
N-Butyl Alcohol Neutralized, 1 qt	BO	534-3130	$20.95
Methonol, 1 qt	BO	534-3132	$13.16

Fluorophos® Test System

Eliminate subjective measurements of pasteurization by using the Fluorophos Alkaline Phosphatase (ALP) Test System. Use with milk (refer to FDA 2400 Series Method) and with juices (ACP). The FLM200 Fluorophos Test System takes the phosphatase test to its highest level by yielding quantitative results. Also, it maximizes your production efficiency by serving as an early warning system for processing malfunctions, thereby reducing routine maintenance. Includes RS232C interface. Unit measures 12"L x 16"W x 6"H.

Note: Stock #222-3400 includes: ALP Starter Kit (100 tests), heater block, thermometer, thermal printer paper (2 rolls), and manual. Other required supplies and accessories are listed and sold separately.

Recognized in 2007 PMO as an approved test for Grade A milk.

Mfg Part #	Description	Pkg	Unit	Stock #	PRICE
FLM200	Fluorophos ALP/ACP Test System		EA	222-3400	$5,906.25
Required Supplies and Accessories					
FLA835	Thermal printer paper	5 rolls/pk	PK	222-3405	$58.77
FLA802	20 Sample incubator, 115V		EA	222-3410	$1,449.52
FLA810	Incubator thermometer		EA	222-3411	$79.17
FLA865	25 µL Pipet		EA	222-3412	$346.88
FLA885	75 µL Pipet		EA	222-3413	$341.88
FLA880	25-75 µL Pipet tips	100/bg	BG	222-3414	$107.96
FLA020	Fluorophos cuvettes, disposable	250/pk	PK	222-3020	$119.96
FLA005	Fluorophos cheese buffer		EA	222-3160	$72.17
Reagents, Controls, Calibrators					
FLA225	ALP 225-Test kit with cuvettes		KT	222-3401	$531.82
FLA224	Substrate & buffer w/o cuvettes	2 btls/pk	PK	222-3161	$486.43
FLA250	ALP Three calibrator set	30 mL/bo, 3 bo/set	ST	222-3402	$152.95
FLA260	ALP Phosphacheck controls	3 mL/btl, 9 btl/pk	PK	222-3403	$152.95
FLA280	ALP Daily instrument control	30 mL/btl, 3 btl/kt	KT	222-3404	$152.95

Call Customer Service at 800-826-8302

ANTIBIOTIC TEST KITS

Premi®Test Antibiotic Test Kits

Detect antibiotics in meat, eggs, fish, feed, and urine with the quick, reliable and economical Premi®Test kits. Broad spectrum and AOAC RI (meat) approved. The kit includes 100 µL pipettor, 25 tips and 25 test ampules with B.stearothermophilus spores in indicating medium. Using the pipettor, sample is added to an ampule, which is incubated using the block heater. A yellow color indicates a negative test, while a positive result is purple.

Description	Pkg	Unit	Stock #	PRICE
Meat Test Kit				
Antibiotic test for meat, fish, eggs, and feed	25 tests/kt	KT	231-3224	$95.00
Urine Test Kits (includes buffer)				
Antibiotic detection in urine	25 tests/kt	KT	231-3125	$95.00
Test Kit Accessories for Urine and Meat				
Block heater for 10 ampules		EA	233-3993	$141.22
Pocket Dial Digital Thermometer		EA	511-3300	$19.00

Delvotest® Antibiotic Test Kits

A simple, reliable, and economical test for antibiotic residues in milk. Delvotest detects a broad spectrum of antibiotics—not limited to the penicillin family. Designed for use on the farm or in a laboratory, this standard diffusion test has high sensitivity to most veterinary antibiotics. Results are indicated by color. Self-contained, except for the required block heater, each kit contains individual plastic ampules containing Bacillus stearothermophilus in a solid medium, nutrient tablets (not required for SP-NT), dosing syringe, disposable pipets, tweezers, and instructions.

Delvotest® P Multi 5 Pack

This Delvotest P Multi 5 pack is a very economical option for NCIMS-compliant customers. It requires a dry bath and a 100 µL pipettor. For NCIMS use.

Description	Tests per kit	Pkg	Unit	Stock #	PRICE
Test kit	480	12 kits/ca	KT	233-3480	$332.83
Accessories					
Dry bath			EA	068-3113	$799.56
Heat block (sample confirmation)			EA	068-3025	$81.83
Dry bath, acrylic cover			EA	068-3110	$101.25
100 µL Pipettor			EA	700-3210	$22.30
20 to 200 µL Pipettor			EA	700-3712	$119.50
Pill dispenser			EA	233-3481	Call

Delvotest® P Test Kit

The original version of this popular broad spectrum milk antibiotic test. Results are available in 2-1/2 hours. For NCIMS use.

Tests per kit	Pkg	Unit	Stock #	PRICE
25	18 kits/ca	KT	233-3006	$40.75

Delvotest® SP-NT Test Kit

The broad spectrum accuracy and reliability you trust with Delvotest is now available in a convenient test kit perfect for screening individual cows. No tablet required, just add milk to the ampule. Results in 3 hours. Longer kit shelf life. This test kit delivers the same sensitivity, reliability and security you expect from Delvotest. This test is not intended for NCIMS use.

Tests per kit	Pkg	Unit	Stock #	PRICE
25	18 kits/ca	KT	233-3424	$37.05
100	12 kits/ca	KT	233-3148	$124.68

Delvotest® BLF Test Kit

Delvotest BLF is the new, next generation beta lactam antibiotic test. Generate trusted, accurate and reliable results for traces of beta lactams in just five minutes. High speed testing kit measures milk samples at any stage of the process chain. Clear color readings on a strip leave no room for error, allowing safe milk to be introduced into the supply chain quickly. Delvotest BLF maximizes efficiency, saving you time and money. Kit includes ampules, test strips and pipets. Available in two convenient kit sizes and can be used with same block heater that is used with other Delvotest kits. Not NCIMS Approved.

Tests per kit	Pkg	Unit	Stock #	PRICE
25	12 kits/ca	KT	233-3432	$70.00
100	12 kits/ca	KT	233-3641	$250.00

Delvotest® Accessories

This block heater is designed for use with the Delvotest® antibiotic kits, and includes a digital thermometer and timer. Timer shuts off heater at programmed time so the test may be read up to 8 hours later. Heater is either AC or DC compatible. AC adapter is included, DC adapter for vehicle must be purchased separately.

Description	Unit	Stock #	PRICE
Incubator for 10 ampules	EA	233-3993	$141.22
DC adapter	EA	483-3700	$17.24

Delvotest® Penicillin Controls

Controls are an important component of any testing to ensure correct results. Delvotest penicillin controls give you the assurance you need for the validity of your milk testing. Positive or negative controls available. (The positive control contains penicillin G at 5 ppb.) 6/box.

Description	Unit	Stock #	PRICE
Negative control	BX	233-3005	$30.68
Positive control	BX	233-3004	$49.28

Prices subject to change.

SNAP® (IDEXX) Antibiotics & Aflatoxin Test Kits

A rapid on-farm screening test for antibiotics and aflatoxin. SNAP Tests are enzyme-linked receptor binding assays that detect toxins or antibiotics in raw milk. All kits contain SNAP device, sample tube with cap and reagent pellet and a pipet. The procedure is easy to perform: draw milk into a pipet to the indicator line of the pipet, add to the sample tube and shake to dissolve pellet, incubate sample in the heater block (which is needed to complete the test) at 45°C ±5°C, add sample to the device, press to "snap" when activation circle begins to disappear, incubate device and read. Results in less than 10 minutes. New SNAP Beta-Lactam is NCIMS approved when used according to the FDA 2400 form for the method.

Benefits:

- Test results less than 10 minutes.
- Simple, 2 step test process prior to reading results.
- Convenient test kit, no measuring of reagents, portable and self-contained.
- Easier to read, the circles clearly develop for results; no fading lines that could leave you unsure.
- Superior senstivity for fewer false positives. Meets the FDA tolerance levels.
- More dependable-the SNAP test's rugged construction stands up to environmental stress so you won't waste tests.
- More robust results validated at 45°C ± 5°C.

SNAP® Beta Lactam Test

Detects penicillin G, amoxicillin, ampicillin, ceftiofur, and cephapirin residues in raw, commingled cow milk at or below established tolerance and/or safe levels.

Tests per kit	Unit	Stock #	PRICE
20	KT	347-3000	$64.20
100	KT	347-3010	$294.00

Penicillin Positive Control for SNAP® Tests

Recommended for use as a control for the SNAP Beta Lactam test, to ensure your SNAP test results are correct. The vials are to be a reconstituted milk-based control, which contains penicillin G at 5 ppb with an accuracy of ±10% (as required by NCIMS). Prior to reconstitution, store refrigerated or at room temperature. After reconstitution, store refrigerated and use within 24 hours. Complete package of 50 individual control vials, sufficient to run 100 samples along with 50 disposable pipets.

Tests per kit	Unit	Stock #	PRICE
50	KT	347-3500	$99.00

SNAP® Tetracycline Test Kit

This test procedure matches the SNAP Beta-Lactam test kit. It detects tetracycline, chlortetracycline, and oxytetracycline in raw, commingled cow milk at or below the U.S. FDA established safe/tolerance levels.

Tests per kit	Unit	Stock #	PRICE
20	KT	347-3470	$101.00

SNAP® Aflatoxin M1 Test Kit

Detects aflatoxin M1 in raw, commingled cow milk at or below the U.S. FDA established action level.

Tests per kit	Unit	Stock #	PRICE
20	KT	347-3205	$99.00

SNAP® Gentamicin Test Kit

This kit is an enzyme-linked immunoassay designed to detect gentamicin residues in raw, commingled cow milk at or below the U.S. FDA established safe/tolerance levels.

Tests per kit	Unit	Stock #	PRICE
20	KT	347-3321	$100.00

SNAP® Sulfamethazine Test Kit

For the screening detection of sulfamethazine residues in raw, commingled cow milk at or below the U.S. FDA established safe/tolerance level of 10 ppb.

Tests per kit	Unit	Stock #	PRICE
20	KT	347-3380	$100.00

Portable Heater Block

The two-positioned design of the heater block allows you to heat two SNAP tests at the same time. Temperature strips help monitor temperature visually, and there is also a cavity for a thermometer (available separately). Two plugs included: a 115-volt wall plug and a 12-volt vehicle auxiliary power plug. The unit maintains temperature between 40-50°C.

Unit	Stock #	PRICE
EA	347-3420	$225.00

Timers

Timers assist in ensuring designated time needed for accurate results.

Description	Unit	Stock #	PRICE
Waterproof, shockproof stopwatch, lanyard included	EA	156-3685	$17.66
Time controller, timed on/off switch for equipment	EA	132-3001	$38.31

Call Customer Service at 800-826-8302

ANTIBIOTIC TEST KITS

Penzyme® Milk Test

A quick screen test with results in 15 to 20 minutes. Accurately and reliably checks milk on the farm for beta-lactam antibiotics, the most common drugs used for treating mastitis. Simple, two-step procedure doesn't tie up personnel. Results are indicated by color. No major equipment required. Economical to use. AOAC approved for on farm screening of bulk tank bovine milk for amoxicillin, ampicillin, ceftiofur, cephapirin, cloxacillin, and penicillin. Commonly used for goat milk. Not NCIMS approved for Appendix N nor Section 6 milk testing.

Contains all of the supplies needed to perform 25 tests: enzyme vials, reagent tablets, syringe with disposable tips, and instructions. A block heater is required. 24 kits/case.

Description	Unit	Stock #	PRICE
25 test kit	KT	498-3900	$77.86
Accessories			
Block heater, AC power, 8 wells	EA	498-3910	$474.99

Difco® Antibiotic I.D. Products

Mfg Part #	Description	Pkg	Unit	Stock #	PRICE
211899	Penase concentrate	100 mL	VI	180-3261	$101.43

BBL™ Sensi-Disc™ Susceptibility Test Discs

Mfg Part #	Description	Pkg	Unit	Stock #	PRICE
230705	Ampicillin, 10 mcg	50/tb	TB	614-3705	$19.52
230725	Cephalothin, 30 mcg	50/tb	TB	614-3725	$19.52
230793	Erythromycin, 15 mcg	50/tb	TB	614-3793	$19.52
230918	Penicillin, 10 units	50/tb	TB	614-3918	$19.52
230998	Tetracycline, 30 mcg	50/tb	TB	614-3998	$19.52
260459	Single Disc Dispenser	6/pk	PK	614-3459	$133.57

Antibiotic Detection Discs

Mfg Part #	Description	Pkg	Unit	Stock #	PRICE
231122	Taxo™ blank discs, ½" dia., APHA	50/vl, 6vl/pk	PK	614-3122	$171.42
2017-013	Whatman filter discs, ½" dia.	1000/pk	PK	585-3013	$273.47

Digital Caliper
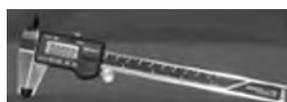
Save time without compromising accuracy. Caliper displays results on easy-to-read LCD display. This saves the time spent interpolating between divisions on mechanical devices without compromising precision. Features 0.01 mm/ 0.005" resolution, and ± 0.02 mm/± 0.001" instrumental error. An on/zero switch, off switch and in/mm conversion switch round out this caliper's many functions. Jaws are polished metal with plastic slider. SR44 battery included.

Unit	Stock #	PRICE
EA	643-3001	$179.77

Prices subject to change.

AFLATOXIN TEST KITS & ACCESSORIES

MASTITIS TEST KITS

Reveal® Aflatoxin M1 Test Kit

A quick, 5 minute, single-step lateral flow immunochromatographic assay based on a competitive immunoassay format intended for the visual screening of aflatoxin M1 in milk. The sensitivity level is 500 ppb. Refrigeration is required. The Reveal Aflatoxin M1 Incubator (#498-3009) is required to complete this test, sold separately. 25 tests per kit.

Description	Unit	Stock #	PRICE
Test kit	KT	498-3007	$312.26

Neogen Reveal Aflatoxin M1 Incubator

Complete up to four Aflatoxin M1 tests at one time with the Reveal Aflatoxin M1 Incubator. The Reveal Aflatoxin M1 Test Kit (#498-3007) is required to complete the test.

Description	Unit	Stock #	PRICE
4-well Incubator	EA	498-3009	$176.79

Reveal® Aflatoxin Grain Test

A single step lateral flow immunochromatographic assay based on a competitive immunoassay format. If aflatoxin is present it will be captured by the particle-antibody complex. This test kit is designed for testing corn, wheat, corn/soy blend, gluten meal, corn grits, popcorn, peanuts, milo (grain sorghum), coconut, copra, hominy, rice, and corn gluten meal. Testing time is 3 minutes and the sensitivity level is 20 ppb. Kit contains 25 test strips, 25 sample cups and 1 bottle of reagent. No incubation is required. A variety of other items are needed to complete this test. Please call our technical support team for additional information.

Description	Unit	Stock #	PRICE
25 tests/kt	KT	498-3005	$191.57

California Mastitis Test

For farm use. This test is a fast, easy and convenient method to check a herd for mastitis. Developed at the University of California School of Veterinary Medicine, it detects the increased leukocyte cell count in fresh milk which indicates the presence of mastitis. Best use is at the cow's side, where it can pinpoint the quarter secreting mastitic milk. Can also be used to test bulk milk if milk is very fresh and has been kept cold. Instructions, with illustrations, are sent with test supplies. Test kit comes complete with paddle and concentrate.

Description	Unit	Stock #	PRICE
Starter kit, complete	KT	560-6005	$13.17
CMT concentrate, pint	BO	560-6010	$7.68
Replacement paddle	EA	560-6015	$7.46

PortaSCC® Test for Somatic Cells in Bovine Milk

Affordable and sensitive on-farm somatic cell count test. User-friendly format for early detection of sub-clinical mastitis. The color-change on test strips can be compared to a color chart to estimate somatic cell counts or read with the digital reader to obtain numerical cell count.

Description	Unit	Stock #	PRICE
24 tests/kt	KT	218-3024	$34.95
100 tests/kt	KT	218-3100	$125.00
500 tests/kt	KT	218-3500	$450.00
Digital reader	EA	218-3001	$235.00

PortaSCC® Quick Test for Somatic Cells in Bovine Milk

The same dependability as the PortaSCC, but the testing time is reduced to 5 minutes! This test does not use the digital reader, only the color chart for estimating somatic cell counts in fresh cow's milk.

Description	Unit	Stock #	PRICE
40 tests/kt	KT	218-3405	$49.95

Call Customer Service at 800-826-8302

ANTIBIOTIC TEST KITS & KETOSIS TESTING

UdderCheck™

The latest on-farm test designed to detect udder infections in dairy cows. UdderCheck measures Lactate Dehydrogenase (LDH), an enzyme present in milk when cells are damaged during an udder infection. LDH is correlated to SCC, but is not easily affected by other conditions such as stress, nutrition, parity, stage of lactation, etc. LDH levels often rise earlier than somatic cell counts, making it an excellent marker for early detection of udder infections. No additional equipment is needed.

Description	Unit	Stock #	PRICE
50 tests/vl	VI	218-3050	$25.00

PortaSCC® Test for Somatic Cells in Goat Milk

Simple, on-farm test for estimating somatic cell counts in fresh goat milk. Just add a drop of milk, 3 drops of solution, wait for color to develop, and then compare to a color chart. This test has been developed especially for goat milk and validated against the Green Stain method. Reader not available with the goat milk test.

Description	Unit	Stock #	PRICE
8 tests/kt	KT	218-3008	$12.00
40 tests/kt	KT	218-3040	$49.95

Colostrometer

The colostrometer is a hydrometer with a color-coded scale that provides a rapid field technique for determining colostral quality. Based on density of the liquid, the concentration of colostrum and component gamma globulins are measured. Includes floatation cylinder. Glass.

Unit	Stock #	PRICE
EA	081-3000	$58.80

PortaBHB Ketosis Kit

PortaBHB is a rapid on-farm test for sub-clinical ketosis in cows. The dipstick tests for the presence of BHB (beta-hydroxybutyrate) in milk. High levels of BHB are a sign of ketosis, a metabolic disorder that indicates a negative energy balance. No additional equipment is needed.

Description	Unit	Stock #	PRICE
25 tests/vl	VI	218-3825	$35.00
100 tests/vl	VI	218-3800	$100.00

Prices subject to change.

ON FARM CULTRUE PLATES & ACCESSORIES

DQCI Culture Plates & Accessories

eurofins | DQCI
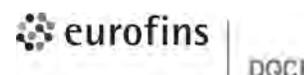
For On-Farm Culturing

On-farm culturing (OFC) for identification of pathogens causing clinical and sub-clinical mastitis is becoming popular due to several benefits this procedure provides the milk producer:

- Results in 24-48 hours.
- Minimize withholding of milk.
- Reduce antibiotic use.
- Control treatment costs.
- Optimize quality and volume payments.
- Screen replacement animals.
- Reduce the number of culled animals.
- Assess pre-milking cow preparation.
- Avoid deterioration of shipped samples.
- Staph and Strep Environmental on one (SSGN) plate.

OFC is simple and involves a modest investment of time and materials. Here's how it works. A loop (recommended for all plates, especially SSGN plates) is used to spread milk from one sample vial onto each medium contained on a plate. The plate is placed in an incubator set at 35°C for 24 hours and checked for an early indication of pathogenic bacteria. Another 24 hours may be required before the preferred treatment option becomes apparent.

Related items used with the OFC plates include:
066-3100 Alcohol swabs; 170-3005 Translucent 2 oz. sample vials; 004-3100 Compact incubator (holds 6 plates); 486-3905 Styrofoam incubator (holds 48 plates); 156-3119 Nalgene wash bottle, 250 mL, wide mouth

DQCI SSGN Mastitis Quad Culture Plate

Reliable and high quality tests for Staph, Strep and Gram Negative organisms. Section 1-Blood Agar capable of growing most bacteria, used as growth control. Section 2-Gram Negatives such as coliforms, E.coli, and Klebsiella. Section 3-Streptococcus. Section 4-Staphylococcus. 60-day shelf life when refrigerated. 10 plates/sleeve.

Unit	Stock #	PRICE
SK	186-3002	$27.91

DQCI SSGNC Mastitis Quad Culture Plate

Same as the SSGN Quad Plate #186-3002, except Gram Negative quadrant contains medium for easy identification of E.coli as a blue/purple-colored colony. 10 plates/sleeve.

Unit	Stock #	PRICE
SK	186-3210	$29.61

DQCI Gram Positive/Negative Bi-Plate

Non-selective Blood Agar for Total Count and Hemolytic reactions/selective Gram Negative Agar. 10 plates/sleeve.

Unit	Stock #	PRICE
SK	186-3004	$18.80

DQCI Staph/Strep Bi-Plate

Staphylococcus media for isolation of Staph organisms including Staph aureus. Streptococcus media for isolation of Strep organisms including Strep agalactiae. 10 plates/sleeve.

Unit	Stock #	PRICE
SK	186-3005	$18.80

DQCI MacConkey Gram Negative Agar Plate

For isolation and differentiation of Gram Negative Bacilli. 10 plates/sleeve.

Unit	Stock #	PRICE
SK	186-3010	$14.80

DQCI Blood Agar Plate

Tryptic Soy Agar with 5% sheep blood. 10 plates/sleeve.

Unit	Stock #	PRICE
SK	186-3007	$12.53

DQCI KLMB Agar Plate

For differentiation of Staph aureus from environmental Staph organisms. Meets National Mastitis Council recommendations. 10 plates/sleeve.

Unit	Stock #	PRICE
SK	186-3012	$16.52

DQCI Staph Quad Plate

For simultaneous testing of 4 samples (one udder by quadrant or four samples). Meets National Mastitis Council recommendations. 10/sleeve.

Unit	Stock #	PRICE
SK	186-3810	$26.77

DQCI TKT/FC Agar Plate

For identification of Strep organisms. Meets National Mastitis Council recommendations. 10 plates/sleeve.

Unit	Stock #	PRICE
SK	186-3011	$16.52

Call Customer Service at 800-826-8302

ON FARM CULTURE PLATES & ACCESSORIES

DQCI Strep ID Plate
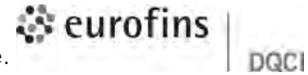
For differentiation and presumptive identification of Streptococci species. 10 plates/sleeve.

eurofins | DQCI

Unit	Stock #	PRICE
SK	186-3014	$21.08

Culture Loops for On Farm Culturing

Individually wrapped, 10 µl loop. Used to streak milk onto culture plates. 10 loops/pack.

Unit	Stock #	PRICE
PK	483-3989	$3.50

Interpretation Guide for On Farm Culturing

Available in English or Spanish languages.

Language	Unit	Stock #	PRICE
English	EA	186-3003	Call
Spanish	EA	186-3301	Call

SYRINGES & NEEDLES

Ideal Vet Syringes with Needles

Sterile, individually wrapped in paper to plastic tamper evident packages. Color-coded to indicate gauge. Tapered plunger shaft permits one-handed operation. Reinforced tip reduces breakage. Tri-seal ring reduces leakage and provides accuracy. Luer-lock connection fastens to a 20 gauge x 1.5″ needle. Labeled for veterinary use only. 100/box.

Size	Unit	Stock #	PRICE
3 cc	BX	498-3282	$13.28
12 cc	BX	498-3289	$27.59

Ideal Vet Syringes without Needles

Sterile, individually wrapped in paper to plastic tamper evident packages. Economical alternatives for volume users without compromising performance. Luer-lock connection. Labeled for veterinary use only. 100/box.

Size	Unit	Stock #	PRICE
3 cc	BX	498-3170	$11.61
12 cc	BX	498-3172	$24.76
20 cc	BX	498-3173	$28.78

Ideal Vet Needles

Metal insert increases needle strength for animal health applications. Tri-beveled, anti-coring tips are computer-ground for consistent sharpness. Anti-friction coating eases injection and withdrawal for minimal penetration resistance and animal discomfort. 1-1/2″ length. Labeled for veterinary use only. 100/box.

Size	Unit	Stock #	PRICE
16 ga	BX	498-3330	$12.73
18 ga	BX	498-3350	$10.42

BD Disposable Syringes with Needles

Individually packaged sterile syringe. Polypropylene barrel, plunger and needle hub. Luer-Lok™ tip securely fastens 21 gauge x 1-1/2″ Precisionglide™ disposable needle.

Size	Pkg	Unit	Stock #	PRICE
3 cc	100/bx, 8 bx/ca	BX	066-3577	$16.33
10 cc	100/bx, 4 bx/ca	BX	066-3370	$33.23

BD Disposable Syringes without Needles

Individually packaged sterile syringes but without needles. Can be used with single-use or reusable needles. Luer-Lok™ tip securely fastens disposable needle.
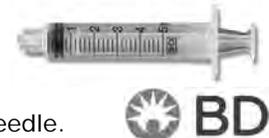
Size	Graduation	Pkg	Unit	Stock #	PRICE
3 cc	0.1 mL	200/bx, 4 bx/ca	BX	066-3657	$17.62
10 cc	0.2 mL	100/bx, 4 bx/ca	BX	066-3383	$14.33
20 cc	1.0 mL	48/bx, 4 bx/ca	BX	066-3830	$18.02
30 cc	1.0 mL	56/bx, 4 bx/ca	BX	066-3832	$24.02
60 cc	1.0 mL	40/bx, 4 bx/ca	BX	066-3653	$25.62

BD Disposable Needles

Fits both disposable syringes previously listed, or any other Luer or Luer-Lok™ syringe. Stainless steel cannula. Special packaging protects tips, assures sterility. Sterile, individually wrapped. 1-1/2″ length. Packaged 100/box, 10 boxes/case.

Gauge	Unit	Stock #	PRICE
16	BX	066-3198	$25.97
18	BX	066-3196	$6.81
19	BX	066-3341	$6.81
21	BX	066-3340	$10.15

Prices subject to change.

Scienceware Poxygrid® Steel Wire Carrying Baskets

Ideal for transporting and batch dipping glassware, these blue epoxy-coated, steel wire baskets are autoclavable and hold up under the most severe laboratory conditions. Will resist rust, corrosion, solvents, acids, and alkalis. Bottom mesh measures 1/4" x 1".

SP SCIENCEWARE

Size	Unit	Stock#	PRICE
11"L x 6"W x 3½"H	EA	010-3393	$56.79
14"L x 11"W x 3½"H	EA	010-3394	$66.64
20"L x 11"W x 3½"H	EA	010-3395	$67.91

Laboratory Wire Basket

Has many uses around a busy lab. Black epoxy coating. Autoclavable.

Size	Unit	Stock#	PRICE
6½"L x 6½"W x 6"H	EA	446-3310	$29.23

Curved Forceps

Curved, sharp-pointed forceps. Serrated tips for gripping small objects tightly. Corrugated handles.

Description	Unit	Stock#	PRICE
Nickel-plated steel, 4.5"	EA	155-3290	$9.03
Stainless steel, 6" (suitable for BSDA)	EA	716-3010	$16.59
Tweezer, plastic, 3.5"	EA	562-3995	$3.06

Straight Forceps

Long, heavy forceps to handle specimens or slides. Or, use with sponge to take environmental samples aseptically. Medium tapered, corrugated tips with rounded ends. Guide pin and hole. Stainless steel. Corrugated handles. Autoclavable.

Length	Unit	Stock#	PRICE
4.5"	EA	155-3300	$10.01
8"	EA	155-3295	$21.73

Crucible Tongs

Long-necked tongs, double bent with serrated jaws. Hot drop-forged. Polished stainless steel. 9" long.

Description	Unit	Stock#	PRICE
45-Degree bend	EA	700-3800	$16.15
90-Degree bend	EA	155-3910	$59.32

Nalgene® Polypropylene Stirring Rod

This rod has a flat, flexible paddle at one end and a triangle at the other. Overall length is 9-3/4". Autoclavable. 12/pack.

Unit	Stock#	PRICE
EA	156-3825	$4.03

Whatman™ Rapid Flow Qualitative Filters

For coarse particulates (20 to 25 µm). Use for qualitative retention of suspended material. 100 filters/pack.

GE Healthcare Life Sciences

Description	Diameter	Unit	Stock#	PRICE
Whatman #4	11.0 cm	PK	741-3343	$17.48
Whatman #4	12.5 cm	PK	741-3344	$22.45
Whatman #4	15.0 cm	PK	155-3250	$28.70

Whatman™ Medium Flow Qualitative Filters

For general clarification (11 µm). Use for qualitative retention of suspended material. 100 filters/pack.

GE Healthcare Life Sciences

Description	Diameter	Unit	Stock#	PRICE
Whatman #1	5.5 cm	PK	741-3313	$9.98
Whatman #1	11.0 cm	PK	741-3314	$14.98
Whatman #1	12.5 cm	PK	741-3315	$14.98
Whatman #1	15.0 cm	PK	155-3243	$22.45

Whatman™ Medium Flow Quantitative Filters

For medium retention (8 µm). Use without significant extension of filtration time. #2V is a pleated paper. 100 filters/pack.

GE Healthcare Life Sciences

Description	Diameter	Unit	Stock#	PRICE
Whatman #2	11.0 cm	PK	741-3325	$16.26
Whatman #2	12.5 cm	PK	155-3240	$20.03
Whatman #2	15.0 cm	PK	155-3241	$26.17
Whatman #2V	15.0 cm	PK	155-3254	$71.19

Whatman™ Slow Flow Quantitative Filters

For fine particle retention (3 µm). Use for maximum filtrate clarity and effective separation precipitates for quantitative measurements. 100 filters/pack.

GE Healthcare Life Sciences

Description	Diameter	Unit	Stock#	PRICE
Whatman #44	11.0 cm	PK	741-3383	$47.95
Whatman #44	12.5 cm	PK	741-3384	$55.29
Whatman #44	15.0 cm	PK	741-3385	$70.01

More filters on the next page...

Call Customer Service at 800-826-8302

FILTERS & MOISTURE DISHES

Slow Flow Qualitative Filters

Most retentive of our filters. Useful for clarifying cloudy suspensions or water analysis. 100 filters/pack.

Description	Particle Retention	Diameter	Unit	Stock#	PRICE
General purpose	2 to 5 µm	5.5 cm	PK	220-3345	$9.55
Whatman #5	greater than 2.5 µm	11.0 cm	PK	585-3021	$28.85
S & S #602	greater than 2.5 µm	12.5 cm	PK	585-3025	$27.49
Whatman #5	greater than 2.5 µm	15.0 cm	PK	741-3010	$40.07

PALL LIFE SCIENCES Type A/E Filter

Glass fiber filter used for residue analysis in water and wastewater. Pre-baked to ensure low levels of volatile residuals. May be used to filter air. Removes 99.9% of particulates larger than 1.0 microns. 47 mm. 100 filters/pack.

Mfg Part#	Unit	Stock#	PRICE
61631	PK	155-3271	$55.98

Whatman™ 934/AH Glass Fiber Filters

Specified in official methods for testing suspended solids in water pollution monitoring; retention is 1.5 µm, with very high loading capacity, high retention efficiency at high flow rate. Autoclavable; usable to 500°C. 100 filters/pack.

Diameter	Unit	Stock#	PRICE
3.2 cm	PK	155-3268	$32.40
4.7 cm	PK	741-3827	$44.77

Whatman™ Glass Fiber Filters GF/C Filters

Filtering suspended solids in wastewater analysis is a typical use for these 0.26 mm thick filters. Binder-free. 1.2 µm retention. 100 filters/pack.

Diameter	Unit	Stock#	PRICE
2.1 cm	PK	741-3009	$61.65
2.4 cm	PK	155-3276	$64.78

Glass Fiber Pads
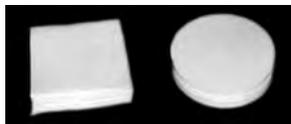
Great for moisture testing. Pads prevent fat loss due to spattering.

Size	Pkg	Description	Unit	Stock#	PRICE
5.5 cm / 2⅜" dia	100/pk	S&S	PK	585-3020	$47.37
5.5 cm / 2⅜" dia	100/pk	Whatman	PK	741-3020	$45.83
9 cm / 3" dia	200/pk	Van Note	PK	187-3082	$30.57
11 cm / 4" dia	200/pk	CEM	PK	187-3003	$43.70
11 x 11 cm / 4" x 4"	400/pk	CEM	PK	187-3004	$26.54
11 x 11 cm / 4" x 4"	400/pk	Van Note	PK	187-3104	$35.45

Disposable Aluminum Dishes

Versatile round aluminum dishes can be used as an evaporating dish, weighing dish, parts container, dust cover, and more. Flat bottom to improve sample handling. Features include crimped sides for rigidity, sturdy gauge aluminum for heavy-duty use and tabs for sample numbers. #201-3011 has smooth walls and slightly protruding lip for easy separation.
100/box; 10 boxes/case.

Size	Unit	Stock#	PRICE
43 mm	BX	021-3004	$4.83
57 mm	BX	021-3005	$5.80
70 mm	BX	021-3006	$8.09
70 mm	BX	021-3011	$8.98

Reusable Moisture Dish with Lid

Heavy-duty aluminum dishes with indented lids. Stackable. Meet APHA/AOAC standards. 10/tube.

Size	Unit	Stock#	PRICE
57 mm x 30 mm	TB	203-3006	$27.51

WEIGHT

1 g = 0.035 oz.
100 g = 3.527 oz.
500 g = 17.637 oz., 1.102 lb
1 kg = 2.205 lb.
3 kg = 6.614 lb.
10 kg = 22.046 lb.
1 oz. = 28.350 g
1 lb. = 16 oz., 454 g
5 lb. = 2.268 kg

Prices subject to change.

Weighing Boats

For use with analytical balances. Smooth, allow solids to flow freely. #320-3420 is anti-static.

Size	Pkg	Unit	Stock#	PRICE
White				
1⅝" x 1⅝"	100/pk	PK	320-3001	$12.75
1⅝" x 1⅝"	500/bx	BX	320-3002	$21.71
3½" x 3½"	100/pk	PK	320-3003	$20.82
3½" x 3½"	500/bx	BX	320-3004	$35.47
5½" x 5½"	100/pk	PK	320-3005	$35.59
5½" x 5½"	500/bx	BX	320-3006	$60.66
5½" x 5½"	500/bx	BX	320-3420	$59.86
Blue				
1⅝" x 1⅝"	500/bx	BX	320-3016	$21.71
3½" x 3½"	500/bx	BX	320-3017	$38.36
5½" x 5½"	500/bx	BX	320-3018	$68.77

Weighing Papers

For use with analytical balances. Smooth, allow solids to flow freely. 500/pack. Nitrogen free.

Size	Unit	Stock#	PRICE
3" x 3"	PK	155-3550	$9.20
4" x 4"	PK	155-3552	$12.15
6" x 6"	PK	155-3554	$21.08

Natural Rubber Tubing

This amber latex tubing remains soft and flexible in all temperatures. Elastic, durable, seamless, semi-transparent, non-toxic, and can be sterilized.

ID	OD	Wall	Pkg	Unit	Stock#	PRICE
⅛"	³⁄₁₆"	¹⁄₃₂"	50'/rl	FT	220-3940	$0.86
⅛"	¼"	¹⁄₁₆"	12'/rl	RL	155-3941	$23.49
³⁄₁₆"	⁵⁄₁₆"	¹⁄₁₆"	12'/rl	RL	155-3942	$24.80
³⁄₁₆"	⅜"	³⁄₃₂"	50'/rl	FT	155-3955	$1.48
¼"	⅜"	¹⁄₁₆"	12'/rl	RL	155-3943	$33.61
¼"	⁷⁄₁₆"	³⁄₃₂"	12'/rl	RL	155-3944	$45.62
¼"	½"	⅛"	12'/rl	RL	155-3945	$46.45
⅜"	½"	¹⁄₁₆"	12'/rl	RL	155-3948	$44.66
½"	¾"	⅛"	12'/rl	RL	155-3949	$80.83

TYGON® R-3603 Vacuum Tubing

Clear vacuum tubing with extra-heavy walls and low vapor pressure. Withstands full vacuum at normal room temperatures up to 27" Hg at 60°C. Very chemical resistant and will not swell closed if vacuum pump oil backs up into the tubing.

ID	OD	Wall	Pkg	Unit	Stock#	PRICE
¼"	⅝"	³⁄₁₆"	50'/roll	FT	155-3970	$10.44

TYGON® R-3603 Clear Laboratory Tubing

Clear, flexible tubing that can be used with almost any laboratory chemical or peristaltic pump. Non-toxic, odorless and tasteless. Flexible to -28.8°C (-19.8°F). Resists dry heat to 70°C (158°F). Won't harden, crack or flake. Durometer hardness (Shore A) = 55. Non-aging. Non-oxidizing. Meets FDA CFR part 175.300 criteria. Autoclavable.

ID	OD	Wall	Pkg	Unit	Stock#	PRICE
¹⁄₁₆"	⅛"	¹⁄₃₂"	50'/rl	RL	681-3102	$16.00
³⁄₁₆"	¼"	¹⁄₃₂"	50'/rl	FT	681-3106	$0.50
³⁄₁₆"	⁵⁄₁₆"	¹⁄₁₆"	50'/rl	RL	681-3222	$100.55
¼"	⅜"	¹⁄₁₆"	50'/rl	FT	681-3109	$2.10
¼"	⁷⁄₁₆"	³⁄₃₂"	50'/rl	FT	681-3110	$3.30
⁵⁄₁₆"	⁷⁄₁₆"	¹⁄₁₆"	100'/rl	FT	681-3009	$1.54
⅜"	⁹⁄₁₆"	³⁄₃₂"	50'/rl	FT	681-3116	$3.60
½"	¹¹⁄₁₆"	³⁄₃₂"	50'/rl	FT	681-3120	$5.10

Polyethylene Tubing

This economical translucent tubing will serve you well in a wide range of general industrial uses. It is flexible, yet resistant to chemicals and stress cracking. Natural color.

Size (ID x OD)	Working Pressure	Pkg	Unit	Stock#	PRICE
¹¹⁄₆₄" x ¼"	205 psi @ 70°F	500'/roll	FT	189-1040	$0.71
¼" x ⅜"	214 psi @ 70°F	500'/roll	FT	189-1041	$0.51
⅜" x ½"	153 psi @ 70°F	100'/roll	FT	189-1050	$0.92

Call Customer Service at 800-826-8302

TUBING ACCESSORIES

Fast and Tite™ White Nylon Fittings

These thermoplastic fittings are the answer to your tubing system connector needs. Fast and Tite fittings install without tools in seconds and provide a tight, sure, leakproof seal without clamps or adjustments. A unique stainless steel grab ring for tube retention, coupled with a Buna O-ring for positive seal, assures good tube connection with only hand-tight assembly. Vibrations will not cause leaking. Can be used with plastic, glass or metal tubing for hot or cold water plumbing (low pressure). Temp. range -40° to 200°F. Not generally necessary to disassemble fitting to connect fitting to tube. Cut tube. Loosen nut. Insert tube into fitting until tube bottoms on fitting shoulder. Tighten nut by hand. Other sizes and types available by special order. Meet FDA and NSF51 requirements for food contact.

Male Connector

Mfg Part#	Nominal Tube OD	NPTF Thread	Unit	Stock#	PRICE
N4MC2	¼"	⅛"	EA	189-1020	$3.34
N4MC4	¼"	¼"	EA	189-1005	$3.34
N6MC4	⅜"	¼"	EA	189-1042	$3.70
N6MC2	⅜"	⅛"	EA	189-7002	$3.70

Female Connector

Mfg Part#	Nominal Tube OD	NPTF Thread	Unit	Stock#	PRICE
N4FC4	¼"	¼"	EA	189-1027	$5.54
N8FC8	½"	½"	EA	189-7000	$9.50

Union Connector

Nominal Tube OD	Unit	Stock#	PRICE
⅜"-⅜"	EA	189-1045	$5.62

Scienceware® Tubing Clamp

P SCIENCEWARE

Acetal thermoplastic clamp fits 1/8″ to 7/16″ OD tubing. 15-position control from fully open to completely closed. Autoclavable. 12/pack.

Unit	Stock#	PRICE
PK	155-3130	$11.07

Mohr Pinchcock

Nickel-plated, one-piece brass wire with rounded edges for 3/8″ or 5/8″ OD tubing. Fingergrips are molded to finger contour. 3-1/2″ long. 12/pack.

Description	Unit	Stock#	PRICE
Use with 3/8″ (10 mm) OD Tubing	EA	156-3674	$48.92
Use with 5/8″ (15 mm) OD Tubing	EA	155-3600	$7.98

Like the convenience of ordering online?

Check out our website: nelsonjameson.com

Prices subject to change.

One-Channel Timer/Stopwatch/Clock

Keep track of remaining incubation with a timer that counts up to and down from 100 hours. Also, can serve as a clock (AM/PM). Features an audible alarm; manual and automatic OFF; memory recall automatically returns the display to previously set count down time; magnet, easel stand, clip, hanging hole all on back. LCD display powered by one AAA battery (included).

Unit	Stock#	PRICE
EA	607-3003	$20.38

Three-Channel Timer/Stopwatch/Clock

Use when up to three sets of plates are being incubated at once. All three channels count up to and down from 100 hours. Also, can serve as a clock (AM/PM). Features three distinctive audible alarms; memory recall returning the display to the previously set count down time; magnet, easel stand, clip, and hanging hole all on back. LCD display powered by one AAA battery (included).

Unit	Stock#	PRICE
EA	607-3004	$25.88

DimcoGray GraLab Electric Timer Switches

Quality timer that can be set in minutes and seconds. Easy-to-work knurled knob for fast setting. Two separate outlet receptacles allow you to turn electrical equipment on or off. Dimensions 7-1/2" x 7-1/2". 120 V.

Model	Time Range	Unit	Stock#	PRICE
171	60 minutes	EA	155-3900	$338.38
170	60 hours	EA	155-3901	$417.73

Traceable® Outlet Controller

Use for control and safety of equipment with heating elements, such as hot plates, water baths, ovens, and sterilizers.
- Up to 14 on and 14 off settings per day, 196 total per week.
- User-friendly programs.
- Convenient front-panel buttons.
- Manual override.
- Back-up battery (1.5 volt, UM-5 size).
- Turns equipment on and off.
- Random interval settings 1 min to 168 hours.
- AM/PM day programs allow repeating same cycle everyday, weekdays, weekends only, or any selected days.
- Comes with a Traceable® certificate, assures accuracy from accredited laboratory by A2LA.
- 2" x 4" x 3-1/2".

Unit	Stock#	PRICE
EA	132-3001	$38.31

Still not finding what you're looking for? Give us a call at 800-826-8302.

CLEANING PRODUCTS

Contrad 70™ Cleaning Detergent

Removes virtually any contaminant from any surface—making it the ideal detergent for every laboratory application. Totally rinsable below monomolecular layer level, it leaves no residues to interfere with final analyses. Contrad 70 is used worldwide in food technology laboratories. Solutions are phosphate-free, totally biodegradable, and work by soaking alone, without manual scrubbing.

Size	Pkg	Unit	Stock#	PRICE
1 L	12/ca	CA	373-3108	$565.43
5 L	1/btl	BO	373-3105	$154.68
5 L	4/ca	CA	373-3107	$393.87

Alconox™ Laboratory Cleaning Detergents

The Alconox line of biodegradable detergents has been used for years in laboratories to clean glassware, instruments, electronic parts, and equipment. Proper cleanliness is necessary to assure correct results in laboratory analysis techniques.

Alconox™

Specially formulated powdered manual cleaner detergent that removes tough soils. Cleans in hard or soft, hot or cold water without leaving a residue. Ideal for ultrasonic washers. Odorless, colorless, mild, with a pH of 9.0 to 9.5.

Size	Pkg	Unit	Stock#	PRICE
4 lb	9 bx/ca	BX	012-5010	$28.34

Liquinox™

Find all the advantages of powdered Alconox™, but in liquid form for ultrasonic cleaning and also as a manual cleaner. Phosphate-free. pH of 8.0 to 8.6.

Size	Pkg	Unit	Stock#	PRICE
1 gal	4 gal/ca	GA	012-5220	$54.52

Alcojet™

Low-sudsing powdered detergent, made for mechanical washers. Completely safe for metal parts, yet it removes difficult soil from glass, porcelain, metal, electronic parts, etc. USDA authorized. pH of 11.2 to 11.6.

Size	Pkg	Unit	Stock#	PRICE
4 lb	9 bx/ca	BX	012-5110	$26.43

Alcotabs™

Alcotabs for siphon-type pipet washers, is Alconox in effervescent tablet form. For cleaning test tubes, pipets, etc. in siphon-type rinsers. Alcotabs convert your rinser to a fully automatic washer and rinser. USDA authorized. pH of 6.5.

Size	Pkg	Unit	Stock#	PRICE
100 tab/btl	6 btl/ca	BO	012-5130	$27.04

Tergazyme™

Tergazyme enzyme acid powdered detergent is a concentrated, anionic detergent with protease enzyme for labware washers, manual and ultrasonic cleaning. Recommended for glassware, metals, plastic, ceramic, porcelain, rubber, and fiberglass with no interfering residues. USDA authorized.

Size	Pkg	Unit	Stock#	PRICE
25 lb	25 lb/ct	CT	012-3525	$171.23

KIMTECH SCIENCE® KIMWIPES® Delicate Task Wipers

Clean critical items such as lab probes & glassware with these 100% pure virgin fiber wipers. Gentle texture won't scratch delicate surfaces when used wet. Absorbent, easily wipes up liquid and dust. LINTGUARD® Anti-static Polyshield helps further reduce lint and static buildup. White. 1-ply.

Mfg Part #	Size	Pkg	Wt	Unit	Stock#	PRICE
34155	4⅖″ x 8⅖″	280/pk	.37	PK	371-6001	$3.93
34155	4⅖″ x 8⅖″	280/pk, 60 pk/ca	23.105	CA	371-6004	$157.08
34133	11⅕″ x 11⅕″	196/pk, 15 pk/ca	14.875	CA	371-6002	$72.43
34256	14¾″ x 16⅗″	140/pk, 15 pk/ca	19.65	CA	371-6003	$117.15

Prices subject to change.

Canner's Vacuum Gauge

Used to determine the vacuum in sealed jars or cans. This gauge has a rubber ring seal and a puncture knife incorporated in its design. Simply place the gauge with the ring seal against the top of the can, press down to puncture, and read the vacuum directly. Display lock valve to 30 Hg vacuum.

Unit	Stock#	PRICE
EA	023-3005	$255.19

Scienceware® Engraving Tool

Engrave your glass items, equipment, tools, keys, racks, and just about everything in your lab and plant. Can be used to permanently mark glass, plastic, wood, metal, bone, and stone. This cordless battery-operated engraving tool is held like a pen, press the button, apply light pressure to write. The markings will not fade if exposed to chemicals, sunlight or extreme temperatures. It operates on two AA batteries and comes with an extra tip. The compact polypropylene stand, which is sold separately, holds the engraving tool and the extra tip.

Description	Unit	Stock#	PRICE
Engraving Tool, 7" long	EA	010-3122	$22.63
Engraving Tool Stand	EA	$10-3123	12.72

SP SCIENCEWARE

Workstation Storage Bin

Organize your most commonly used laboratory disposables in one central location. Acrylic unit has room to store gloves, Kimwipes® and Parafilm®. Use bins to store tubes, pipet tips, or any of your small lab items that need to be readily available.

Size	Unit	Stock#	PRICE
10.5"L x 5.5"W x 17.5"H	EA	320-3523	$117.31

Boekel Lab Jacks®

Accommodate lab setups that require stable and precise height positioning.* With an all-stainless steel screw mechanism and top and bottom anodized aluminum plates, Boekel Lab Jacks are engineered to provide long life and reliable operation even in harsh laboratory environments. The Large, Biggie and Giant models have a pre-tapped hole to accommodate the optional 18" support rod. The Giant model has a side locking knob for positive platform stabilization. *NOTE: Lab Jacks are designed to support and adjust height of a variety of laboratory apparatus such as hot plates, baths, and glassware, not for lifting loads.

Mfg Part #	Model	Plate Dimensions	Max Load	Max Height	Min Height	Unit	Stock#	PRICE
19086-000	Micro	3" x 3"	10 lb	3.25"	1"	EA	068-3600	$95.38
19090-002B	Small	4" x 4"	25 lb	5.5"	1.65"	EA	068-3601	$126.15
19089-001	Standard	4.75" x 5.5"	50 lb	10.4"	3"	EA	068-3602	$126.15
19090-003B	Large	6" x 6"	60 lb	10.75"	2.45"	EA	068-3603	$130.76
19090-004B	Biggie	8" x 8"	75 lb	11"	2.25"	EA	068-3604	$136.92
19090-005B	Giant	12" x 12"	100 lb	20"	3.5"	EA	068-3605	$330.76
Accessories								
B0403161	18" Support for large, biggie, and giant models					EA	068-3606	$27.79

Call Customer Service at 800-826-8302

GENERAL LAB SUPPLIES

Benchkote™ Surface Protector

Protect lab surfaces against hazardous spills with Benchkote. This absorbent, impermeable material features a high-quality, smooth, absorbent Whatman™ paper that quickly absorbs liquid spills and a laminated polyethylene layer that prevents flowthrough to the working surface. After use, the sheet can be either incinerated or disposed of according to local regulations. Available in either convenient sheets or full rolls.

Size	Packaging	Unit	Stock#	PRICE
460mm x 570mm	50 sheets/bx	BX	155-3261	$144.90
460mm x 50m	16 feet/roll	RE	155-3262	$254.00
500mm x 600mm	50 sheets/bx	BX	155-3267	$179.55
600mm x 50m	16 feet/roll	RE	155-3266	$357.50

Scienceware® Labmat™

A must for every benchtop! Disposable drawer and bench liner simplifies clean-up chores and safeguards work surfaces from stains, spills and wear. Flexible polyethylene film backing is non-skid and prevents soak-through of most solutions. Highly absorbent upper surface traps water, dyes and corrosive chemicals. Can be easily cut with scissors. Dispenser carton.

Size	Unit	Stock#	PRICE
20" x 50'	RL	010-3675	$56.79

Plastic Mesh Shelf Liner

This non-absorbent shelf liner can be used in a variety of applications. Use in production areas to drain parts or in the lab area to place fragile glassware on. Resistant to food acids, grease, and detergents. Pliable plastic will not curl, lies flat. Conforms to FDA regulations.

Color	Size	Unit	Stock#	PRICE
Black	2' x 40'	RL	618-6188	$57.73
Clear	2' x 40'	RL	618-6189	$57.73

Broken Glass Disposal Boxes

Maintain a safe laboratory with this sturdy corrugated cardboard receptacle, supplied with a 2 mil thick polyethylene bag to contain broken glass fragments. Can also be used for spilled liquids. When the box is full, the safety cap is pulled into place and the entire unit is ready for disposal. Printed with eye-catching graphics in four languages (English, Spanish, German, and French). Disposal box holds 18 kg (40 lb) of waste, and measures 12″ x 12″ x 27″H. Please note: box does not qualify as a DOT container. 6/pack.

Unit	Stock#	PRICE
PK	010-3326	$81.95

Prices subject to change.

Standard Methods for the Examination of Dairy Products

Operational compliance with SMEDP is required by the Lab Quality Assurance Branch of the FDA for Certified Milk Laboratories. 17th edition.

Unit	Stock#	PRICE
EA	028-3017	$107.33

Standard Methods for the Examination of Water and Wastewater

Includes physical, chemical, microscopic, and bacteriological methods of water and wastewater analysis. 22nd edition.

Unit	Stock#	PRICE
EA	028-3021	$299.99
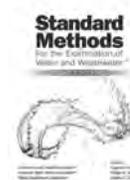
Employee's Guide to Food Safety

A fast, cost-effective way to train employees on eight key food safety topics. Each chapter is written in clear, easy-to-understand language and is supported with colorful illustrations. Provides simple explanations of the basic principles of food safety and why they are important to your employees. Each chapter includes a quiz for review and a receipt page to document the training. Available in English or Spanish. Soft-bound. 3rd Edition.

Version	Description	Unit	Stock#	PRICE
English	Employee's Guide to Food Safety	EA	367-3107	$8.39
Spanish	Employee's Guide to Food Safety	EA	367-3108	$8.39

Nalgene® 6301 Laboratory Notebook
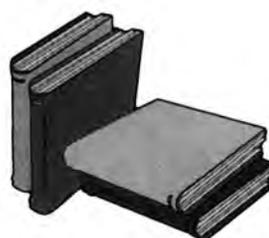
These hard-cover notebooks feature permanently sewn-in pages with 1/4" grid and horizontal lines. Pages have spaces for dates and signatures and includes instructions for keeping research records, table of contents, and a page for issuing the notebook. Polyethylene cover is waterproof. Overall dimensions 8-7/8"L x 5/8"W x 11-1/4"H. Page dimensions 8-1/2" x 11". 100 pages per notebook.

Unit	Stock#	PRICE
EA	479-3900	$33.67

Wash-Up Tags and Tag Wire

Easily identify washed and sanitized trucks and equipment with these durable manila bristol board tags. Designed according to Pasteurized Milk Ordinance (PMO). Convenient 4-3/4" x 2-3/8" size. Attach through eyelet with steel wires sold separately.

Description	Pkg	Unit	Stock#	PRICE
Grade A wash-up tags	1000/bx	BX	318-3010	$39.71
Tag wire, 27 gauge, 12" long	1000/bndl	BD	121-3000	$24.91
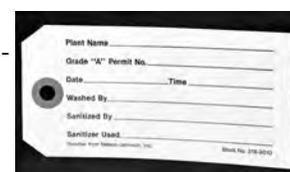
Call Customer Service at 800-826-8302

Patrons' Semi-Monthly Receiving Chart
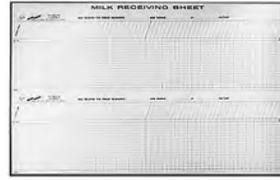
21″ x 32-1/2″ bristol-board sheets for plant milk receiving records. Room for 60 patrons per sheet. Covers one month in two equal segments.

Unit	Stock#	PRICE
DZ	318-3005	$26.47

Individual Patron's Milk Weight Charts
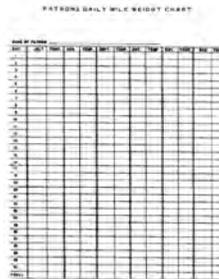
8-1/2″ x 11″ bristol-board sheets printed on both sides. Covers entire calendar year of pick-ups from one patron. Weight and temperature blanks for each day.

Unit	Stock#	PRICE
DZ	018-3020	$8.92

Cheesemaking Record Forms

This is a two-sided 8-1/2″ x 11″ form. On one side is a bulk starter record, and on the other side is a cheesemaking record with room to record seven vats. 50/pad.

Unit	Stock#	PRICE
PD	018-3030	$5.81

Like the convenience of ordering online?

Check out our website at nelsonjameson.com

Prices subject to change.

Packaging

Ingredients

Unit of Measure Reference Guide

BG = Bag	**JR** = Jar
BD = Bundle	**KT** = Kit
BO = Bottle	**MR** = Meter
BX = Box	**PA** = Pail
CA = Case	**PK** = Pack
CN = Can	**PR** = Pair
CT = Carton	**QT** = Quart
DR = Drum	**RE** = Reel
DZ = Dozen	**RL** = Roll
EA = Each	**SK** = Sleeve
FT = Foot	**ST** = Set
GA = Gallon	**TB** = Tube
IN = Inches	**TE** = Tote

NOTES:

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Call Customer Service at 800-826-8302

GENERAL PACKAGING SUPPLIES

Polyester Strapping

Polyester strapping is a rigid strapping material that is nick resistant and provides high initial tension, along with high retained tension during handling and storage. Easy to dispose of and recycle. Green strapping measures 5/8″ x .035″ x 4,000′. Core size is 16″ diameter x 6″ wide and has a break strength of 1,400 lbs. Dispenser cart and sealing tool are also available.

Unit	Stock #	PRICE
RE	559-4595	$93.58

Stretch Wrap

Hand wrap or machine wrap in light or heavy gauges. Superior stretch characteristics for cost savings without the aggravation of constant tearing. Excellent cling capability and force retention. Low temperature clarity for cooler or freezer application. Available in Blown, Cast Extrusion, or Hybrid.

- Blown: outstanding strength and puncture resistance for demanding utilizing applications.
- Cast: consistent 200% + stretch, tensile strength, quiet application, clear for bar coding applications.
- Hybrid films: prestretched for ease of application, folded edges for strength, down gauged for less waste and cost savings. Call our packaging specialist for details.

Width	Length	Gauge	Rolls/Pallet	Unit	Stock #	PRICE
Hand Wrap - Blown, 4 rolls/ca						
12″	1500′	80 ga	36	CA	533-4105	$34.36
15″	1500′	70 ga	48	CA	533-4117	$36.78
18″	2000′	70 ga	36	CA	533-4103	$56.91
18″	1500′	80 ga	36	CA	533-4110	$48.40
Hand Wrap - Cast, 4 rolls/ca						
18″	1500′	63 ga	48	CA	680-4150	$46.17
Machine Wrap - Blown						
20″	6000′	80 ga	40	RL	533-4123	$56.49
Machine Wrap - Cast						
20″	5000′	63 ga	50	RL	680-4160	$43.93
20″	5000′	75 ga	40	RL	533-4009	$51.48
20″	5000′	75 ga	40	RL	533-4011	$42.00
20″	5500′	80 ga	40	RL	533-4016	$49.29

Pallet Handwrapper

Our pallet handwrapper guarantees a tighter, more secure load time after time. Precise tension control for maximum stretch is assured with the unique Stretch Set® control knob assembly. Handles 12″ to 18″ stretch wrap. Lightweight—weighs less than 4 lb. Comfortable foam grip handle is angled to make it easier to wrap the bottom row. Broad base resists tipover.

Unit	Stock #	PRICE
EA	322-4005	$99.00

Prices subject to change.

Pressure-Sensitive Carton Sealing Tape

Hot Melt

Convenient, easy-to-use carton sealing tape with special quick tack adhesive that permits maximum speed in application. High performance is maintained even in cold environment applications. 3″ core. Polypropylene. Clear.

Size	Rolls/Case	Unit	Stock #	PRICE
Light-Duty, 1.6 mil				
48 mm x 50 M	36	CA	558-4432	$40.30
48 mm x 100 M	36	CA	558-4435	$70.53
48 mm x 914 M	6	CA	558-4415	$116.04
Medium-Duty, 1.85 mil				
48 mm x 50 M	36	CA	558-4220	$46.14
48 mm x 100 M	36	CA	558-4223	$80.07
48 mm x 914 M	6	CA	558-4230	$131.95
Heavy-Duty, 2.2 mil				
48 mm x 100 M	36	CA	558-4322	$147.96
Extra Heavy-Duty, 3.0 mil for freezer applications				
48 mm x 55 M	36	CA	558-4210	$130.98
Wide Range, 1.95 mil for cooler use				
48 mm x 1371 M	6	CA	558-4272	$230.85

Acrylic

Economical carton sealing and all-season tape. Applies and stays clear. Polypropylene with acrylic adhesive. 3″ core. Best for use in dry areas. Working temperature: 32° to 176°F.

Size	Rolls/Case	Unit	Stock #	PRICE
Medium-Duty, 2.0 mil				
48 mm x 100 M	36	CA	572-7235	$66.06
72 mm x 100 M	24	CA	572-7200	$66.71
48 mm x 914 M	6	CA	572-7245	$79.31
48 mm x 1371 M	6	CA	572-7210	$101.93

Solvent Acrylic

Economical carton sealing and all-season tape. Applies and stays clear. Polypropylene with solvent acrylic adhesive. 3″ core. Works in a wide range of temperatures: -20° to 250°F.

Size	Rolls/Case	Unit	Stock #	PRICE
Medium-Duty, 1.8 mil				
48 mm x 100 M	36	CA	572-7225	$69.95
Heavy-Duty, 2.0 mil				
48 mm x 100 M	36	CA	572-7220	$64.44
Extra Heavy-Duty, 2.2 mil				
72 mm x 914 M	4	CA	572-7240	$101.76

Masking Tape

General purpose masking tape for light duty masking and packaging. General grade.

Size	Rolls/Case	Unit	Stock #	PRICE
24 mm x 54.8 M	36	CA	558-4824	$82.19
48 mm x 54.8 M	24	CA	558-4848	$106.71
72 mm x 54.8 M	16	CA	558-4872	$107.95

Filament Tape

General purpose filament tape provides excellent adhesion to corrugated cartons and outstanding holding power.

Size	Tensile	Rolls/Case	Unit	Stock #	PRICE
General Grade					
18 mm x 55 M	130#	48	CA	558-4102	$141.74
Utility Grade					
24 mm x 54.8 M	110#	36	CA	558-4104	$116.80

Gummed Paper Carton Sealing Tape

Handle all your carton sealing needs with this quality gummed paper tape. Meets or exceeds all minimum requirements. The odorless vegetable adhesive wets thoroughly no matter what the water temperature. Provides a fast, positive bond that is not affected by extreme seasonal temperatures. 1-1/2″ ID core.

Size	Color	Rolls/Case	Unit	Stock #	PRICE
Light-Duty, 35 lb. paper					
3" x 600′	Red	10	CA	558-7002	$93.86
Medium-Duty, 60 lb. paper					
3" x 600′	Kraft	10	CA	558-4155	$77.83
3" x 600′	White	10	CA	558-4215	$93.42

Reinforced Gummed Paper Carton Sealing Tape

Handle all your carton sealing needs with this quality gummed paper tape. Meets or exceeds all minimum requirements. The odorless vegetable adhesive wets thoroughly no matter what the water temperature. Provides a fast, positive bond that is not affected by extreme seasonal temperatures. 1-1/2″ ID core.

Size	Color	Rolls/Case	Unit	Stock #	PRICE
Medium-Duty, 25/25 lb. paper					
3" x 450′	Kraft	10	CA	558-4663	$97.60
Heavy-Duty, 30/25 lb. paper					
3" x 450′	Kraft	10	CA	558-4666	$108.60

Call Customer Service at 800-826-8302

TAPE DISPENSERS

DeLuxe Dispenser

Features heavy-duty reinforced steel frame construction with a comfortable high impact plastic pistol-grip handle. Adjustable brake maintains the proper tape tension while the honed steel replaceable blade cuts cleanly. Available for 2″ or 3″ tape.

Description	Tape Width	Core	Unit	Stock #	PRICE
DeLuxe dispenser	2″	3″	EA	422-4113	$15.16
DeLuxe dispenser	3″	3″	EA	422-7008	$33.43
Replacement blade	Fits 2″ Dispenser		EA	422-4104	$5.12

Utility Dispenser

Same adjustable brake as Deluxe Dispenser, but is constructed with lighterweight, plastic parts. Blades are not replaceable. Maximum tape roll is 6.25″ OD.

Tape Width	Core	Unit	Stock #	PRICE
2″	3″	EA	422-4103	$8.11

Our Economy Dispenser

Especially light and convenient. Constructed of rugged plastic with non-replaceable blade. Use with polypropylene and polyester tapes.
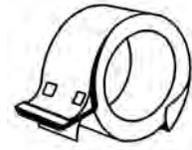
Tape Width	Core	Unit	Stock #	PRICE
2″	3″	EA	422-4110	$4.25

Filament Tape Dispenser

Hand-held filament tape dispenser. Plastic frame with heat treated serrated blade suitable for use with masking tape, strapping tape, carton sealing tape, or filament tape. Holds rolls up to 1" wide with maximum roll of 5.75″ OD.

Core	Unit	Stock #	PRICE
3″	EA	572-7502	$4.26

MARSH Manual Gummed Tape Dispenser

TD2100 Manual Hand Taper gives steady, trouble free operation, and is packed with features and quality construction. Accepts 1″ to 3″ wide rolls of dry gummed paper or reinforced tape.

Features guillotine style cutter design. Made of 420HC stainless steel. Long life and requires very little cleaning and adjustment. Large 70-oz water bottle increases production "up time" with fewer refills. Largest bottle in the industry! 12-gauge, all metal chasis construction, powder coated industrial gray. A rubber valve reduces water spillage. Wide track 1.5″ feed roll and pinch roll using a high coefficient of friction urethane to ensure accurate and quiet tape feed through. Built-in all metal adjustable tape channel guides. All metal construction, easy to adjust with built-in thumbscrew feature for centering tape roll. "Open Basket" design allows for easy viewing of remaining tape and drop-in reloading. Accommodates up to 1000′ tape roll (maximum roll diameter is 9″).

Unit	Stock #	PRICE
EA	422-4006	$403.37

Prices subject to change.

Packaging & Ingredients

SAFETY KNIVES

CrewSafe® Lizard® Safety Utility Knife

Never touch, buy, or worry about replacement blades again! The Lizard eliminates all loose and broken razor blades and injuries to employees. Features shatter resistant blade with specially formulated surgical stainless steel, automatic retractable safety blade guard and ergonomically designed handle for better control. Composed of high-impact and lightweight materials. Orange. 6/box.

Unit	Stock #	PRICE
BX	619-2200	$14.22

CrewSafe® X-traSafe® CU Safety Utility Knife

The XS-CU safety knife is designed to reduce recordable injuries from lacerations, and virtually eliminates handling loose blades, blade changes and blades contaminating processed or served foods. This safe, user friendly and clearly visible knife can be safely used for general duty cutting applications in many industries including food service, food processing, medical, grocery, retail, and convenience stores. Yellow handle is lightweight and comfortable for a secure, non-fatiguing grip. Also has a box tape cutter to reduce wear on the blade and easily open boxes without damaging contents. A patented safety guard system locks after each cut and stays locked until the trigger is released and squeezed again, leaving no loose or exposed blades. The surgical stainless steel blade is permanently imbedded in the handle of the knife so you never need to change blades or worry about stray blades contaminating product. 6/box.

Unit	Stock #	PRICE
BX	619-2240	$22.18

Secumax 150 Disposable Safety Cutter

A disposable, concealed blade safety cutter that cuts shrink wrap, strapping, banding, box tape, corrugate and more without the threat of an exposed blade. The thin profile of the head helps this cutter perform tasks that others might not. Features a double-sided head for multiple uses, and a durable body made of polycarbonate plastic. Black.

Unit	Stock #	PRICE
EA	445-2003	$1.85

Secumax 350 Safety Cutter

Protect operator and product simultaneously with this concealed blade safety cutter that cuts shrink wrap, strapping, banding, box tape, corrugate and more without the threat of an exposed blade. The thin profile of the head helps this cutter perform tasks that others might not. Features a double-sided head for multiple uses, and a durable body made of polycarbonate plastic. Black. Replacement heads (sold separately) are available for maximum economy.

Description	Unit	Stock #	PRICE
Safety cutter	EA	445-2009	$9.29
Replacement head, 10/pk	PK	445-2011	$9.30

Ultimate Utility Knife with Sheath

Heavy-duty stainless steel utility knife has a non-retractable blade and an orange Kraton® (high-performance thermoplastic) finger grip non-slip handle. Non-replaceable heavy-duty blade is thicker than most utility knives and can be sharpened to extend use. Black molded sheath included.

Unit	Stock #	PRICE
EA	570-2010	$18.44

CrewSafe® Viper® Safety Bag & Pouch Opener

Specifically designed to reduce costly workplace laceration injuries while helping to prevent cross contamination. The ergonomically designed handle opens bags made from a variety of materials with one fluid motion, with minimum effort and maximum ease. Features stainless steel blades that resist corrosion and breaking. NSF certified and made from FDA approved materials. Dishwasher and sanitizer safe. Orange. 6/box; 72 boxes/case.

Unit	Stock #	PRICE
BX	619-2225	$12.86

Viper® Pro-Multi-Purpose Safety Cutter

NSF certified safety cutter minimizes cross contamination, lacerations, and reduces food product damage. Combines the functionality of a bag opener with a cutter, giving you the convenience of an all-in-one tool that safely cuts through bags, pallet wrap, boxes, paper, and more. Made of FDA compliant food-safe materials. Dishwasher and sanitizer safe. Yellow. 6/box; 72 boxes/case.

Unit	Stock #	PRICE
BX	619-2226	$13.04

Call Customer Service at 800-826-8302

SAFETY KNIVES

Safety Cutter

Eliminate the risk of accidents and product damage with this safe and reliable cutter. Cuts tape, stretch film, and most banding. Features unique, concealed, moving blade that won't jam or snag. Uses entire blade to get up to 4 times the life as other cutters. Replacement blades sold separately.

Description	Color	Unit	Stock #	PRICE
Safety cutter	Red	EA	570-2055	$10.01
Safety cutter	Yellow	EA	570-2051	$10.01
Replacement blades, 10/pk	-	PK	570-2060	$5.62

Stainless Steel Self-Retracting Safety Knife

Specifically designed for use in food production environments, this stainless steel knife and blade are metal detectable and NSF certified. The open blade channel provides an easy-to-clean sanitary design, while the slip resistant handle has notches to help improve grip and control. This safety knife also features a lanyard hole to help avoid loss, and comes preloaded with an OLFA® SKB-2S safety blade. Change blades quickly and easily without have to use a tool blade. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
SK-12 Safety knife	EA	511-2044	$20.19
SKB-2S SS Replacement blades, 10/pk	PK	511-2045	$9.05

OFLA® Safety Knife with Blade Safety Guard

Make safety a priority by choosing this OLFA safety knife. The blade is shielded with a spring-activated guard that causes it to retract when it loses contact with the cutting surface. Use this knife for cutting light to heavy-duty material such as cardboard, packaging, film, trimmings, shrink wrap and strapping. Rounded tip replacement blades sold separately. Yellow/Black.

Description	Unit	Stock #	PRICE
SK-6 Safety knife	EA	511-2006	$12.75
RSKB-2 Rounded tip replacement blades, 10/pk	PK	511-2046	$6.63

OLFA® Automatic Self-Retracting Safety Knife

Specially designed heavy-duty safety cutter features a spring-loaded blade that automatically retracts when contact is lost with the material being cut, even when the blade slide is engaged. Features an anti-slip, cushion grip handle with a large blade for easy use, and a symmetrical shape for right or left handed use. Replacement blades sold separately. Yellow.

Description	Unit	Stock #	PRICE
SK-8 Safety knife	EA	511-2008	$15.31
SKB-8 Replacement blades, 10/pk	PK	511-2048	$6.10

OLFA® Self-Retracting Safety Knife

Spring-retractable safety cutter features right or left handed operation, stainless steel blade channel and slip resistant ergonomic grip. Blade remains extended while cutting and automatically retracts when the blade loses contact with the cutting surface. Blades are easily replaced without the use of additional tools. Round tip replacement blades sold separately. Yellow.

Description	Unit	Stock #	PRICE
SK-4 Safety knife	EA	511-2004	$9.21
RSKB-2 Rounded tip replacement blades, 10/pk	PK	511-2046	$6.63

IRWIN Utility Knives

Choose from a model with a self-retracting blade or a standard retractable knife. Change blades easily on either knife without having to use a tool. Irwin blue replacement blades sold separately.

- The Standard Retractable Knife features an optimized cutting angle for reduced fatigue, a slide assembly durable 3 position design, and inside storage for up to 5 blades.
- The Self-Retracting Safety Knife features a self-retracting spring action, which returns the blade safely into the housing when not in use. The interlocking nose reduces blade wobble while the ergonomic grip fits comfortably in the hand. Choose from two blade positions - 2mm extension for box cutting and full extension for general use.

Description	Color	Unit	Stock #	PRICE
Standard retractable safety knife	Silver	EA	440-2077	$4.89
Self-retracting safety knife	Red	EA	440-2078	$6.62
Replacement blades, 50/pk	Blue	PK	440-2064	$17.75

Prices subject to change.

Packaging & Ingredients

SAFETY KNIVES

SpeedPak Ti Utility Knife

SpeedPak is a unique cartridge based utility knife that allow for quick, easy and safe blade changes. Each cartridge holds 10 Titanium bonded, double-edged blades that are 3X harder than steel and stay sharper longer. Strong enough for industrial environments and simple enough for everyday use. Knife has a lightweight aluminum body and a non-slip grip. Includes 1 utility blade cartridge. Replacement cartridges available with utility, hook, dubbed or serrated blades.

Description	Unit	Stock #	PRICE
SpeedPak utility knife	EA	407-2000	$8.77
Replacement utility blade cartridge, 5 cartridges/pk	PK	407-2005	$16.16
Replacement serrated blade cartridge, 5 cartridges/pk	PK	407-2010	$25.14
Replacement dubbed blade cartridge, 5 cartridges/pk	PK	407-2015	$16.16
Replacement hook blade cartridge, 5 cartridges/pk	PK	407-2020	$24.42

Secupro Megasafe Safety Knife

Robust handle is 100% aluminum, allowing you to master all manners of standard cutting materials with this cutter - even multi-layered ones. Thumb sliders on both sides of the handle allow this knife to be used from both sides. Blade change is easy and safe - simply push down on the rocker device and push the slider completely forward. The double-edge blade allows you to double the usage of the blade with a simple flip. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
Megasafe safety knife	EA	445-2015	$22.96
Sharp tip trapezoid replacement blades, 100/bx	BX	445-2016	$70.13
Blunt tip trapezoid replacement blades, 100/bx	BX	445-2017	$65.72

Secumax Combi Safety Cutter

A concealed blade safety cutter that cuts shrink wrap, strapping, banding, box tape, bags, and more without the threat of an exposed blade. Features an integrated tape slitter, a durable body made of polycarbonate plastic, and a double sided blade for maximum security. Black. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
Safety cutter	EA	445-2010	$13.13
Deep edged replacement blades, 100/bx	BX	445-2030	$60.71

Secumax Easysafe Plastic & Paper Safety Cutter

A concealed blade safety cutter that cuts shrink wrap, strapping, banding, box tape, bags and more without the threat of an exposed blade. The tension piece in front of the blade allows the Easysafe to cut where other concealed blade knives might tear the material. Features an ergonomic handle to reduce fatigue, an integrated adhesive tape slitter, and a four-cutting edge blade to quadruple your usage before changing blades. Blades can be locked with an optional key (sold separately), so that blade changing can only be done by authorized personnel. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
Easysafe safety cutter	EA	445-2121	$15.65
SS Replacement blades, 100/bx	BX	445-2035	$68.95
Lock screw wrench	EA	445-2122	$0.60

Secumax Combi/Easysafe Connector

Easily attaches your Combi (#445-2010) or Easysafe (#445-2121) cutter to any threaded extension pole and allows for an adjustable angle to fit your needs. This device prevents the use of "homemade" utility knife extension poles, which have been known to cause many serious injuries.

Unit	Stock #	PRICE
EA	445-2028	$3.43

Call Customer Service at 800-826-8302

METAL DETECTABLE SAFETY KNIVES

Secunorm Smartcut Metal Detectable Safety Knife

A disposable, ambidextrous, spring-loaded safety knife designed to cut packaging materials. Made from metal detectable plastic (MDP) and includes a non-replaceable stainless steel blade. Blue.

Unit	Stock #	PRICE
EA	445-2054	$4.80

Metal Detectable Securemax Combi Safety Cutter

Designed to cut with absolute safety and efficiency. Use for cutting plastic and nylon banding, shrink wrap, and multiple layers of film. Made from metal detectable plastic (MDP), and includes an integrated tape slitter. Change blades easily without the use of a tool. #455-2052 features a locking blade cover to prevent unauthorized access to blade. User may only access the blade with a lock screw wrench (sold separately). Replacement blades sold separately. Blue.

Description	Unit	Stock #	PRICE
Metal detectable safety cutter	EA	445-2051	$13.47
Metal detectable safety cutter w/locking cover	EA	445-2052	$13.47
Lock screw wrench	EA	445-2053	$1.03
SS Replacement blades, 100/bx	BX	445-2055	$92.39

Metal Detectable Retractable Safety Knife

Spring-retractable safety knife allows the blade to lock in the "out" position while a controlled cut is being made. The blade retracts once contact with the cutting surface is lost. Easy, tool free blade change - just slide the blade mount insert back.Replacement blades sold separately.

Description	Unit	Stock #	PRICE
Self-retracting safety knife	EA	364-2407	$37.30
SS replacement blades, 10/pk	PK	364-2425	$18.16

Metal Detectable Heavy-Duty Safety Knife

Fully metal detectable heavy-duty safety knife has a unique patented valley that guides the material to be cut directly along the surgical steel blade taking the strain off the operator. Suitable for cutting cable ties, rope, string and netting. Blue. Replacement stainless steel straight blades sold separately.

Description	Unit	Stock #	PRICE
Safety knife	EA	364-2641	$27.15
Replacement SS straight blade, 10/pk	PK	364-2642	$18.80

Metal Detectable Safety Knife with Retractable Hook Blade

Stainless steel blade is molded into metal detectable plastic. This disposable safety knife is suitable for cutting strapping, paper, stretch and bubble wrap, tape and cardboard. Patented 'opposed exits' at the back of the blade allows material being cut to easily pass the knife after being cut. Spring loaded retractable hook blade on opposite end. Blue.

Unit	Stock #	PRICE
EA	364-2643	$10.18

Metal Detectable Retractable Safety Knife

Fully metal detectable safety knife is available with a plastic or aluminum internal blade carrier. Stainless steel straight blade locks in the 'out' position while a controlled cut is being made. If the knife is jerked, shaken or dropped, the blade will retract. Blade lock control for safe storage. Black. Replacement blades sold separately.

Description	Unit	Stock #	PRICE
Safety knife w/ plastic blade carrier	EA	364-2638	$28.00
Safety knife w/ aluminum blade carrier	EA	364-2639	$36.62
Replacement SS straight blades, 10/pk	PK	364-2648	$18.16

Prices subject to change.

METAL DETECTABLE SAFETY KNIVES

Metal Detectable Safety Knife with Hook Blade

Fully detectable safety knife includes a hook blade to puncture the material being cut, preventing damage to the contents. The unique patented valley guides the material being cut directly along the surgical steel blade taking the strain off the operator and increasing overall efficiency. Dark Blue. Replacement hook and straight blades sold separately.

Description	Unit	Stock #	PRICE
Safety knife	EA	364-2646	$11.22
Replacement SS hook blades, 10/pk	PK	364-2644	$11.98
Replacement SS straight blades, 10/pk	PK	364-2647	$11.98

Light-Duty Metal Detectable Packaging Cutter

Reduce the risk of accident through blade changing by using this fixed blade cutter. Body is made of impact resistant, metal detectable polypropylene for durability. Pointed nose allows for insertion of the cutter into all types of paper and plastic. This disposable cutter features a non-replaceable stainless steel blade.

Color	Unit	Stock #	PRICE
Red	EA	364-2408	$7.58
Yellow	EA	364-2409	$7.58
Blue	EA	364-2411	$7.58
Green	EA	364-2412	$7.58

Heavy-Duty Metal Detectable Packaging Cutter

Heavy-duty fixed blade cutter reduces the risk of accidents by eliminating blade change. Body is made of impact resistant, metal detectable polypropylene for durability. The integrated tape slitter safely cuts packaging tape without an exposed blade, while the pointed nose allows for insertion of the cutter into all types of paper and plastic. This disposable cutter features a non-replaceable stainless steel blades.

Color	Unit	Stock #	PRICE
Red	EA	364-2413	$9.09
Yellow	EA	364-2414	$9.09
Blue	EA	364-2415	$9.09
Green	EA	364-2416	$9.09

Metal Detectable Bag Cutter

Specifically designed to cut multilayer paper or plastic. Features a molded in stainless steel blade for added safety. The patented opposed slopes at the back of the blade reduce friction resistance which enables a smooth and more effective cut. Blue.

Unit	Stock #	PRICE
EA	364-2430	$9.09

Metal Detectable Multipurpose Safety Knife

Disposable, metal detectable knife for light use. Body is made of impact resistant, metal detectable polypropylene for durability and is food contact approved. Hygienic, molded in shielded stainless steel blades provide added safety. The pointed nose allows for insertion of the cutter into all types of paper and plastic. Available with or without hook blade, or with tape slitter.

Color	Unit	Stock #	PRICE
Without hook blade			
Red	EA	364-2417	$8.05
Yellow	EA	364-2418	$8.05
Blue	EA	364-2419	$8.05
Green	EA	364-2420	$8.05
With hook blade			
Red	EA	364-2421	$8.43
Yellow	EA	364-2422	$8.43
Blue	EA	364-2423	$8.43
Green	EA	364-2424	$8.43
With tape slitter			
Red	EA	364-2426	$8.43
Yellow	EA	364-2427	$8.43
Blue	EA	364-2428	$8.43
Green	EA	364-2429	$8.43

Looking for additional Metal Detectable Products?

Check out our selection beginning on page 189.

Call Customer Service at 800-826-8302

WRAPPING SUPPLIES

Table Model Film Wrapper

All-purpose unit for packaging meat, cheese or other products. Tough aluminum and stainless steel construction with stainless steel wrapping surface for quick, easy clean-up. Extra large rubber feet prevent sliding. Hot Rod cutoff bar with solidstate control provides fast, clean cutoff; avoids smoke, fumes and odors. Teflon® covered 6″ x 15″ hot plate has adjustable thermostat for accurate temperature. Compact size: 22-1/2″W x 26″D x 9″H. Accepts up to, and including 18″ rolls. 725W, 115V AC; UL-listed. USDA accepted.

Model	Description	Unit	Stock #	PRICE
625-A	Film wrapper	EA	315-4006	$362.88
Replacement Parts				
1818-001	Circuit board	EA	315-4034	$49.40
1824-011	Hot rod, 23″	EA	315-4023	$72.10
5901-011	Teflon cover, 6″ x 15″	EA	315-4033	$33.00
6110-016	Heating element	EA	315-4100	$11.00

Film Wrap

FDA accepted sealable food film wrap in a convenient cutter box. Standard .5 mil gauge. Can be used with our table top film wrapper and hot plate.

Size	Unit	Stock #	PRICE
12″ x 2000′	RL	096-4075	$20.26
18″ x 2000′	RL	096-4080	$27.70

Poly-Coated White Freezer Paper

This economical wrap is a tough food-grade paper, coated with a special protective wax. The coated side is wound inside for cleanliness. 3″ core. 1100′/roll.

Size	Unit	Stock #	PRICE
15″ x 1100′	RL	499-4015	$41.93
18″ x 1100′	RL	499-4018	$47.71
24″ x 1100′	RL	499-4024	$71.29

Kraft Wrapping Paper

Description	Color	Size	Unit	Stock #	PRICE
30# Medium-light weight	Brown	24″W x 1200′L	RL	499-4032	$27.40
30# Medium-light weight	Brown	36″W x 1400′L	RL	499-7030	$28.55
60# Heavy-weight	Brown	48″W x 600′L	RL	499-7000	$39.90

Vegetable Parchment, 27# Basis

Parchment has been the standard food wrapper for many years. It is tougher than ordinary paper and stronger wet than dry. 27# basis; grease resistant; without holes; free of taste, odor and lint. Biodegradable. Other sizes available-call for pricing.

Size	Pkg	Unit	Stock #	PRICE
12″ x 12″ sheets	1000/pk	PK	096-4025	$45.90

Portable Wrapping Unit Hot Plate

Seals all sealable film wrap. Adjustable thermostat can be set from 200° to 525°F for best temperature to seal the particular film being used. Also use as a food warmer in lunch rooms and cafeterias. Use on a table top or counter. 500W, AC with 7′ cord. Includes Teflon® cover, which is replaceable. Choose from two sizes.

Model	Size	Unit	Stock #	PRICE
TT-69	6″ x 9″	EA	315-4020	$143.00
TT-912	9″ x 12″	EA	315-4025	$179.00
Replacement Parts				
B-200	Thermostat	EA	315-4200	$24.30
TC-69	Teflon cover, 6″ x 9″	EA	315-4032	$29.40
TC-912	Teflon cover, 9″ x 12″	EA	315-7000	$31.20

All-In-One Cutter

Stainless steel cutter dispenses and cuts rolls of paper, foil, film, coated paper, or combination of paper/film. Sanitary, rustproof, and easy-to-clean. Designed for food processing and retail food markets. Stainless steel, floating spring tension knife with serrated blade for effortless, clean cuts. Handles rolls up to 9″ diameter. Mount on counter top. Shipped assembled. Other sizes and styles are available.

Size	Unit	Stock #	PRICE
18″W	EA	099-4020	$105.49
24″W	EA	099-7000	$123.85

Prices subject to change.

Reusable Ice Packs

Economical, non-toxic shipping refrigerant stays frozen longer than ice. Just freeze and reuse to keep food products or laboratory samples cold during storage or shipping. Other sizes and styles available - call for pricing.

Size	Pack Size	Pkg	Unit	Stock #	PRICE
4" x 6½"	6-oz	96/ca	CA	452-6506	$12.81
4" x 6½"	8-oz	72/ca	CA	452-6508	$11.90
6¼" x 6"	16-oz	36/ca	CA	452-6516	$11.62
10" x 6"	32-oz	18/ca	CA	452-6532	$9.58
10½" x 7½"	48-oz	12/ca	CA	452-2148	$10.92

ThermoSafe® Insulated Shippers

Specifically designed to maximize temperature control and withstand the hazards of transport. Ideal for the safe storage and delivery of temperature sensitive products such as laboratory samples or food products. Economical, lightweight, reusable, and recyclable. Available in EPS foam container only or EPS foam with 200-lb test corrugated outer carton. Many other sizes and shapes available. Call our packaging specialists with your requirements.

ID Size	Wall Thickness	Pkg	Unit	Stock #	PRICE
Foam Cooler with Box					
8"L x 6"W x 4½"H	1½"	12/ca	CA	452-2318	$124.23
8"L x 5⅞"W x 8⅞"H	1½"	8/ca	CA	452-6321	$104.25
11⅜"L x 8⅜"W x 11"H	1"	6/ca	CA	452-6346	$104.59
12½"L x 12½"W x 12"H	1½"	3/ca	CA	452-6615	$56.37
10"L x 10"W x 7"H	1¾"	4/ca	CA	452-2105	$81.18
19⅜"L x 11¼"W x 3⅞"H	1½"	8/ca	CA	452-2107	$158.23
11"L x 17"W x 13"H	1¾"	2/ca	CA	452-2103	$62.83
21"L x 15⅛"W x 15¼"H	1⅛"	2/ca	CA	452-2109	$67.75
Foam Cooler w/out Box					
13½"L x 13"W x 10½"H	1¾"	4/ca	CA	452-2682	$91.63

Bulk-Packed Poly Food Bags: Light-Duty

Food grade approved clear bags are ideal for storing cheese, meat, poultry, produce, and other foods. Made of FDA approved resin. Bulk packed in cases or on roll as indicated.

Size	Mil	Pkg	Unit	Stock #	PRICE
4" x 2" x 8"H	.65	1000/ca	CA	425-4002	$8.39
4" x 2" x 12"H	.65	1000/ca	CA	425-4004	$12.36
6" x 3" x 12"H	.7	1000/ca	CA	425-4008	$19.98
8" x 3" x 15"H	.75	1000/ca	CA	425-4012	$29.63
8" x 4" x 18"H	.75	1000/ca	CA	425-4014	$38.67
18" x 24"H	.75	250/rl, 1 roll/ca	CA	425-4018	$21.10
12" x 8" x 30"H	1.0	500/ca	CA	425-4020	$71.50

Gussetted Polyethylene Food Bags: Heavy-Duty

Heavy-duty tubular bags are used for meat, fish, poultry or cheese. Manufactured from FDA accepted materials. Clear.

Size	Mil	Pkg	Unit	Stock #	PRICE
4" x 2" x 12"H	2.0	100/pk, 10 pk/ca	PK	689-4035	$5.07
5" x 3" x 15"H	2.0	100/pk, 10 pk/ca	PK	689-4140	$6.44
6" x 4" x 15"H	2.0	100/pk, 10 pk/ca	PK	689-4150	$7.18
8" x 3" x 15"H	2.0	100/pk, 10 pk/ca	PK	689-4056	$7.76
23" x 18" x 34"H	2.0	200/ca	CA	689-4027	$126.64
8" x 4" x 20"H	2.0	1000/ca	CA	689-4057	$106.50
20" x 18" x 36"H	3.0	100/ca	CA	689-4025	$93.53

Call Customer Service at 800-826-8302

WRAPPING SUPPLIES

Twist Ties

Economical twist ties provide a tight grip for poly food bags. 4" OAL.

Description	Color	Pkg	Unit	Stock #	PRICE
Paper	Blue	2000/bx	BX	693-4000	$4.27
Plastic	White	2000/bx	BX	693-4030	$12.16

Zipper Bags

Reusable, long-life zipper closure with tough spot weld for stress-point support. Meet FDA and USDA specifications for food contact.

Size	Mil	Pkg	Unit	Stock #	PRICE
6" x 8"H	2.0	1000/ca	CA	689-4013	$97.14
6" x 9"H	2.0	1000/ca	EA	537-3271	$0.10
6" x 10"H	2.0	1000/ca	CA	537-4011	$81.85
10" x 13"H	2.0	1000/ca	CA	689-4011	$187.14
12" x 12"H	4.0	1000/ca	EA	537-3274	$0.23
9" x 12"H w/hang hole	6.0	500/ca	CA	537-4009	$122.85

Brown Paper Bags

Brown, self opening bags in a variety of sizes.

Size	Pkg	Unit	Stock #	PRICE
3½" x 5" x 11"H	500/bdl	BD	499-4003	$14.17
4" x 6½" x 13½"H	500/bdl	BD	499-4005	$19.15
4¼" x 7" x 14"H	1000/bdl	BD	499-4006	$22.38
5¼" x 8" x 16½"H	250/bdl	BD	499-4013	$18.09
7" x 12" x 17"H	500/bdl	BD	499-4010	$52.60

PACKAGE LABELING SUPPLIES

Meat Branding Ink

Violet meat branding ink, #31. Acceptable for marking meat and poultry food products with a meat marking stamp. NSF registered, USDA approved.

Size	Unit	Stock #	PRICE
1-gallon	GA	135-4311	$79.20

Frozen Food Ink

Black frozen food ink, #100. Non-FDA. Use on nonporous surfaces such as coated paper, cellophane, plastic wrappers, waxed paper, polyethylene, metal, enamel, and glass. An effective barrier should exist between the food and ink so there is no reasonable chance the food will come in direct contact with the ink. This ink will print through thin layers of moisture. Average drying time is 7 - 10 seconds.

Size	Unit	Stock #	PRICE
1-quart	QT	135-4100	$44.87

Prices subject to change.

PACKAGE LABELING SUPPLIES

Mark-Over Spray Ink

Spray out the old address, then restencil a new one. Choose tan color to match natural cardboard shipping containers, or white to cover white shipping containers. Concentrated pigments provide an economical way to cover up old marks on wood, fiber or metal containers. 11-oz can. 12/case.

Color	Unit	Stock #	PRICE
Tan	CA	444-4023	$79.38
White	CA	444-4024	$111.83

Permanent Marking Ink

Special ink for stamping, marking, line-coding and lettering. Won't affect stamp pad life. Works well with line-coders on packaging machinery. Waterproof and oil-resistant. Pad solvent reactivates dry ink pads and removes ink from nonporous surfaces. 12/case.

Color	Unit	Stock #	PRICE
Black Ink	QT	135-4870	$51.41
Solvent	QT	135-4878	$29.16

Black Stencil Ink

Ideal for stenciling and marking wood crates, barrels, corrugated cartons, bags, and most porous surfaces. Pure carbon black pigment blended with oils. Makes a blacker ink, which gives more stencils per gallon. Permanent, weatherproof, fast-drying on absorbent surfaces. Will not harden on brush when not in use.

Size	Unit	Stock #	PRICE
1-gallon	GA	444-4021	$64.16

Felt Stamp Pads

Designed to deliver 100,000 impressions and hold up under heavy use. Suitable for use with either rubber or polymer stamps; also ideal with petroleum-based indelible ink. Case is made of impact-resistant black plastic. Uninked.

Size	Unit	Stock #	PRICE
2¾" x 4¼"	EA	205-4005	$2.60
4¼" x 7½"	EA	205-4010	$24.56

MARSH Industrial Use Felt-Tip Markers

Throw-away markers for convenience. Industrial quality for dependability. Color is vivid. Markings are sharp, waterproof, quick-drying; permanent black ink. Marks on wood, plastic, rubber, metal and corrugated. Valve actuated. Steel body. 12/box.

Description	Unit	Stock #	PRICE
Black	BX	422-4011	$35.71

Factory Dating Stamp and Replacement Inserts

Factory dating or grading stamps must be custom-ordered for each plant. Wisconsin requires the following information on dating stamps:

- Cheese Type.
- Factory number.
- Wisconsin or code 55.
- Date of manufacture.
- Vat designation, if needed.

Replacement Inserts (1/2" character) are available to keep your dating stamp current. Date/Vat No. Insert includes the following: 1/2" letters "A - J"; 7/16" months (3 characters/month); 7/16" numbers 1-31 (with all 2 digit numbers on one backing i.e. 10 not a 1 and a 0; and 7/16" year (current, plus the next eight).

Custom order by calling our Packaging Product Specialists.

CHEESE PACKAGING

Cheese Packaging

With nearly 70 years experience serving the cheese industry, Nelson-Jameson provides flexible solutions for an ever changing market. Select from a broad range of bags, liners and rollstock. We'll fill your orders without unreasonable minimums or lead times. We can even arrange for just-in-time delivery to your plant!

- Long hold (oxygen barrier) packaging includes 40 lb blocks, shrink bags, 500 lb barrel liners, 640 lb block liners and ends.
- Short hold packaging for 40 lb blocks, 500 lb barrel, processed cheese, and butter in a variety of sizes and gauges.
- Barrier films for vertical or horizontal form and fill applications.
- Security lidding for cottage cheese, yogurt, pudding and sour cream.
- Third party audit approved for food safety. Nelson-Jameson is a SQF certified distributor who can deliver packaging produced by SQF, AIB and BRC certified manufacturers.

Don't see what you need? Other sizes are available. Call our packaging product specialists for more information.

40 lb. Block Bags

Our bags provide all the toughness and protection you need for packaging traditional 40 lb cheese blocks. Long hold bags with oxygen and moisture barrier are USDA accepted.

Color	Size	Mil.	Pkg	Wt	Unit	Stock #
Clear	19.625" ID x 25"ID	3	500/bx	54	BX	022-7015
Clear	19.5" ID x 25.5" ID	3	500/bx	49	BX	693-4240
Clear	19.5" ID x 25.5" ID	3	500/bx	49	BX	693-4250
Clear	21" ID x 25" ID	3	500/bx	49	BX	693-4255

40 lb. Bags for Blockforming Towers

Put these rugged tower bags to the test in your plant. These long hold bags with oxygen and moisture barrier are USDA accepted. We'll even arrange the trial run at your facility.

Color	Size	Mil.	Pkg	Wt	Unit	Stock #
Clear	18.5" ID x 25.5" ID	3	500/bx	41	BX	022-7190
Blue	18.75" ID x 25" ID	3	500/ca	46	CA	023-7029
Blue	18.5" ID x 25" ID	3	500/bg	47	BX	693-4260
Blue	19"D x 25" ID	3	500/bg	58	BX	693-4241

Cheese Packaging Tech Tip...

"Qualifying" your packaging material

There is no such thing as a good bag or a bad bag. In cheese packaging, what matters is whether the bag works in your particular situation.

- Prior to using a particular cheese bag on a regular basis, you should "qualify" the bag for your process. That means running a small number of bags on your machinery under standard conditions. Ideally, technical experts from your bag vendor should be present during the trial run.
- Examine the package for an adequate, leakproof seal. Put it through your standard storage and distribution process. Only then can you be confident that this particular bag works with your manufacturing process.
- If anything - anything at all - in your process changes, you should requalify your packaging material. That's because, in order to keep your cost as low as possible, packaging materials are usually designed with a very small margin for error. Even something as simple as a new sealing bar can be a reason for requalifying your packaging material.

This gives you the best guarantee that the manufacturer will stand behind the bag in the event of a failure. Getting the manufacturer's agreement in advance that their bags are qualified for use in your process will protect you and reduce the possibility of disputes later on. It's the best insurance.

Prices subject to change.

Poly Drum Liners

Generally used on short hold cheese in steel drums. Strong, cost-effective linear, low density polyethylene (LLDPE) liners are packaged on convenient dispenser rolls. USDA accepted.

Color	Size	Mil.	Pkg	Wt	Unit	Stock #
Clear	36" x 62"	1.5	250/rl	57	RL	693-4521
Clear	36" x 66"	1.75	200/rl	57	RL	693-4563
Clear	36⅛" x 70"	1.75	175/rl	52	RL	693-4503
Clear	38" x 62"	2.75	200/rl	57	RL	693-4627
Clear	39" x 70"	3.0	150/rl	75	RL	693-4570
Clear	39" x 72"	1.75	175/rl	59	RL	693-4031
Clear	42" x 76"	1.35	250/rl	70	RL	693-7022
Blue	39" x 72"	1.75	175/rl	57	RL	693-7020
Clear	40" x 46"	1.5	250/rl	45	RL	693-7021

500 lb. Long Hold Barrel Liners

Long hold liners are generally used on long hold cheese in fiber drums. With oxygen and moisture barrier, they are USDA accepted.

Color	Size	Mil.	Pkg	Wt	Unit	Stock #
Blue	39" x 66"	3	125/bx	67	BX	022-7135
Blue	39" x 70"	3	125/bx	71	BX	022-7140
Blue	39" x 70"	3	125/rl	71	RL	022-7145
Orange	39" x 66"	3	125/bx	73	BX	022-7150
Blue	39.25" x 66"	3	100/rl	57	RL	693-7074

640 lb. Barrier Liners and Ends

Every 640 lb block process seems unique, so we offer a variety of sizes and types of packaging. All liners and ends are USDA accepted for long hold cheese. Call us for help in selecting materials for your application.

Description	Size	Mil.	Pkg	Wt	Unit	Stock #
Liners, Long Hold						
Blue lay flat	54"W x 44"L	2.75	150/bx	69	BX	022-7008
Clear lay flat	52½"W x 44½"L	2.75	150/bx	65	BX	022-7016
Clear roll	52¼"W x 45"L	2.75	150/rl	68	RL	022-7040
Clear roll	53"W x 45"L	2.75	150/rl	69	RL	022-7045
Ends, Long Hold						
Clear lay flat	22"W x 28"L	2.75	300/bx	18	BX	022-4007
Clear lay flat	26½"W x 32"L	2.75	300/bx	25	BX	022-4009
Clear DW roll	22"W x 28"L	2.75	300 sheets/rl	18	RL	022-4001
Blue DW roll	28"W x 22"L	2	1000 sheets/rl	44	RL	022-7006

To make informed decisions in the food, dairy and beverage industries, you need to have in-depth product knowledge and a variety of educational resources.

Our Learning Center is designed to help you with all that. Learn more about our following areas of expertise at nelsonjameson.com

BARREL LINERS

Food Grade Liners

Nelson-Jameson stocks a variety of liners for butter, short hold cheese, processed cheese and bulk totes applications. All liners are constructed with durable FDA resins for your food grade applications. Need a custom size? Call our packaging department today!

Description	Size	Mil	Pkg	Wt	Unit	Stock #
Butter Liners						
Clear	14¾″ x 13¾″ x 32″	1.75	250/rl	24	RL	693-4133
Clear	14½″ x 13″ x 25″	2.5	300 bag/rl	34	RL	693-4143
Tote Liners						
Clear	48″ x 46″ x 96″	2	50 liners/rl	60	RL	693-7030
Clear	48″ x 46″ x 72″	3	50 liners/rl	65	RL	693-7040
Colored Liners						
Blue	50″ x 40″ x 96″	2.4	50 liners/roll	68	RL	693-7206
Blue	20″ x 36″	3	250/rl	34	RL	693-7076
Yellow	20″ x 36″	3	250/rl	36	RL	693-7077
Green	20″ x 36″	3	250/rl	36	RL	693-7078
Red	20″ x 36″	3	250/rl	36	RL	693-7079
Clear	30″ x 42″	3	150/rl	51	RL	693-7080
Miscellaneous Liners						
Box Liner Clear	20″ x 40″	3	250 liners/ca	40	CA	693-7050
Poly Bag Clear	12″ x 20″	3	500 bag/bx	24	BX	693-7060
Poly Bag Clear	32″ x 23″	1	500/bx	24	BX	022-4125
Poly Bag Clear	17.25″ x 13″ x 50″	2.75	150/bg	40	RL	693-7002
Poly Bag Clear	24″ x 24″	1	500/bg	18	CA	693-7072
Poly Bag Blue	16″ x 24″	2	500/bg	24	CA	693-7012
Poly Bag Clear	17.25″ x 13″ x 50″	2.75	150/rl	40	RL	693-7002
Poly Bag Blue	36″ x 36″	2	200/ca	34	CA	693-7011
Poly Bag Blue	36″ x 26″	2	250/rl	48	RL	693-7017
Poly Bag Blue	15″ x 7.5″ x 18″	3	200/rl	25	RL	693-7018
Poly Bag Clear	22″ x 47″	4	150/rl	41	RL	693-7019
Box Liner Clear	40″ x 48″	1.75	250/rl	56	RL	693-7068
Poly Bag Clear	24″ x 24″	1	500/ca	18	CA	693-7072
Pallet Cover Clear	48″ x 42″ x 48″	1	150/rl	41	RL	693-7096
Poly Bag Blue	20″ x 36″	2	250/ca	24	CA	693-7010
Bin Liner Blue	47″ x 23″ x 44″	2	100/rl	41	RL	693-7070
HD Poly Bag Blue	33″ x 40″	1.5	250/rl	32	RL	693-4072
Pallet Cover Clear	52″ x 48″ x 40″	1	180/rl	41	RL	693-7089
Food Grade Sheeting						
Poly Sheeting Blue	39″ x 72″	3	100/rl	70	RL	693-7066
Poly Sheeting Clear	30″ x 42″	3	150/rl	51	RL	693-7080
Poly Sheeting Clear	72″ x 1000′	3	1000 ft/rl	87	RL	693-7007

Shrink Bags

High performance shrink bags maximize product presentation and shelf life. Nelson-Jameson shrink bags are ideally suited for cheese and meat applications. Printed, colored, gas off bags, and shrink tubing available via special order. Call our packaging specialists today!

Size	Mil	Pkg	Wt	Unit	Stock #
Side Seal					
4″ x 10″	1.9	3000 bg/bx	19	BX	025-4025
5″ x 8″	1.9	3000 bg/bx	16	BX	025-4035
5″ x 10″	1.9	3000 bg/bx	18	BX	025-4160
6″ x 13″	1.9	2400 bg/bx	30	BX	025-4065
6″ x 8″	1.9	3000 bg/bx	22	BX	025-4090
7″ x 9″	1.9	1500 bg/bx	16	BX	025-4070

Size	Mil	Pkg	Wt	Unit	Stock #
Round Bottom					
8″ x 9″	1.9	2750 bg/bx	27	BX	025-4045
10″ x 13″	1.9	2000 bg/bx	38	BX	025-4000
10″ x 18″	1.9	1400 bg/bx	40	BX	025-4015
11″ x 22″	1.9	1150 bg/bx	39	BX	025-4030
12″ x 14″	1.9	1750 bg/bx	42	BX	025-4040
13″ x 16″	1.9	1500 bg/bx	40	BX	025-4010
16″ x 20″	1.9	1250 bg/bx	62	BX	025-4066
16″ x 24″	1.9	1050 bg/bx	57	BX	025-4020
20″ x 26″	1.9	1000 bg/bx	40	BX	025-4050

Prices subject to change.

BARREL LINERS

Vacuum Pouches

Vacuum pouches maximize product shelf life. Ideally suited for meat and cheese applications. Printed, colored, gas off bags, and other configurations and custom sizes are also available. Call our packaging specialists today.

Size	Color	Mil	Pkg	Wt	Unit	Stock #	PRICE
High Barrier							
13.25" x 19"	Clear	3	500/bg	28	CA	691-4005	$82.86
13" x 23"	Clear	3	500/bg	35	CA	691-4015	$95.72
Standard Barrier							
20" x 32"	Light Blue	3	250/bx	40	BX	693-4071	$104.84
8" x 12"	Clear	3	1000/ca	21	CA	023-4412	$59.95
8" x 15"	Clear	3	1000/ca	26	CA	023-4413	$65.15
10" x 13"	Clear	3	1000/ca	21	CA	023-4414	$70.60
12" x 14"	Clear	3	1000/ca	36	CA	023-4415	$91.23
12" x 18"	Clear	3	500/ca	25	BX	023-4418	$92.42

CHEESE WRAPPERS

Cheese Wrappers

Cheese plants have traditionally used fabric wraps to line various types of cheese hoops in their press operations. Some operators prefer the strength of fabric, together with the economy of washing and reusing wraps. Cotton and nylon are used as both disposable and non-disposable cloths. Bleached and/or hemmed are available according to preference. Disposable wrappers are becoming increasingly popular because of their hygienic qualities, which discourage mold. They also save time and labor. Popular cheese styles are shown with the most popular wrappers.

Cheese Style: 40# Wilson
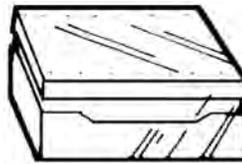
Size of Cheese: 14-3/16" x 11-3/16" x 6-1/2". Height of Hoop Less Bandages: 4-1/4".

Description	Size	Pkg	Wt	Unit	Stock #
Disposable Wraps					
Sani-net	14" X 45"	2000/ca	69	CA	003-4144
Ply Ban	14" x 34"	1000/ca	30	CA	125-7001
Ply Ban	14" x 45"	1000/ca	41	CA	125-4012
Non-Disposable Wraps					
Cotton, Bleached & Hemmed	15" x 45"	25/bdl	5	BD	333-4535
Polyester, Hemmed	15" x 45"	25/bdl	4	BD	333-4435
Non-Disposable Cut-Outs					
Polyester, Hemmed	12" x 15" x 47½"	25/bdl	5	BD	3334-410M

Cheese Style: 20# Wilson
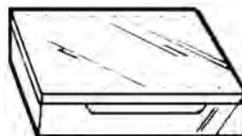
Size of Cheese: 14-3/16" x 11-3/16" x 3-1/4". Height of Hoop Less Bandages: 2-5/8".

Description	Size	Pkg	Wt	Unit	Stock #
Disposable Wraps					
Disposable Sani-net	14" X 36"	1000/ca	31	CA	057-4008

Call Customer Service at 800-826-8302

CHEESE WRAPPERS

Cheese Style: Daisy

Size of Cheese: 13-1/2″ x 4-1/4″. Height of Hoop Less Bandages: 6-5/16″. Weight of cheese: 22 lb.

Description	Size	Pkg	Wt	Unit	Stock #
Cheese Cloth	21½″ top x 20.5″ bottom x 7.5″ high	1000/ca	25	CA	057-4040
Disposable Ply Ban	21⅝″ top x 20⅝″ bottom x 7.5″ high	500/bx	13	BX	057-4045
Cotton, Bleached/Hemmed	13"	25/bndl	1	BD	333-4313
Crinoline	12½"	1000/ca	9	CA	057-4109

Cheese Style: Midget

Size of Cheese: 9-5/8″ x 5″. Height of Hoop Less Bandages: 6-5/8″. Weight of Cheese: 11 lb.

Description	Size	Pkg	Wt	Unit	Stock #
Cotton	15½″ x 14½″ x 7½″	500/ca	9	CA	057-4024
Crinoline circle	9″	1000/ca	7	CA	057-4115
Cotton, Bleached/Hemmed circle	9″	25/bndl	1	BD	333-4309

Cheese Style: Longhorn

Size of Cheese: 6″ x 13″. Height of Hoop Less Bandages: 15-5/16″. Weight of cheese: 12 lb.

Description	Size	Pkg	Wt	Unit	Stock #
Bandages					
Cotton	6" x 16½"	1000/ca	29	CA	057-4030
Disposable Sani-net	22″ X 22″	2000/ca	44	CA	003-4017
Disposable Ply Ban	18" x 22"	1000/ca	26	CA	125-4005
Circles					
Disposable Ply Ban	6″	2000/ca	5	CA	125-4107
Crinoline	5″	1000/ca	3	CA	057-4005

Miscellaneous Cheese Wrappers

Choose the right wrap for your product. Two of our most popular disposable wrappers, Sani-net and Ply Ban, are both made from non-toxic FDA approved resin that do not support microbial or mold growth.

Description	Size	Pkg	Wt	Unit	Stock #
Ply Ban	48" x 48"	200/ca	25	CA	125-4048
Ply Ban	24" x 24"	500/ca	20	CA	125-4019
Ply Ban	24" x 28"	500/ca	23	CA	125-4021
Ply Ban	30" x 30"	500/ca	30	CA	125-7024
Ply Ban	36" x 42"	500/ca	49	CA	125-7026
Ply Ban	24" x 51½" tube	250/ca	40	CA	125-4051
Sani-net	36" x 1000 yds	1 rl	80	RL	003-4036
Sani-net, blue	36" x 1000 yds	1 rl	85	RL	003-4038

Cheese Dipping Wax

Protect that fine quality cheese you worked so hard to produce with our premium quality cheese dipping wax. Seal out harmful moisture and oxygen. Flexible to cover and protect various sizes and shapes of cheeses. Available in a variety of colors to help create the consumer impression you want for your special cheese. Does not contain non-approved dyes or ineffectual surfactants (wetting agents). The ingredients used in this product meet the requirements listed in U.S.P., F.C.C., or 21 C.R.F. for their intended use in food processing. Sold by the pound in approximate 55lb. increments only.

Color	Size	Unit	Stock #
Clear	55-lb	LB	513-7504
Red	55-lb	LB	513-7511
Black	55-lb	LB	513-7501
Blue	55-lb	LB	513-7507

Dairy Bags

Protect your dairy, juice or fluid ingredients with Nelson-Jameson Dairy Bags. Constructed with durable two-ply FDA-certified materials. Filler machines available.

Size	Description	Bags/Box	Unit	Stock #	PRICE
5-Gallon, 22.25″ x 20.25″	Cap/Center	300	BX	267-4119	$246.00
2.5-Gallon, 16.5″ x 16.5″	Cap/Clear/Corner	400	BX	267-4120	$209.07
5-Gallon, 22.25″ x 20.25″	Crimp Tube/Center	200	BX	267-4121	$195.00

Prices subject to change.

Coagulants

Vital to the cheese making process, coagulants cause milk to separate into curds and whey. Although acid alone is used to coagulate some "fresh" cheeses, such as cottage cheese, the traditional cheese making coagulants are enzymes. The main source until recent times has been rennet extracted from the abomasum or fourth stomach of the calf. Its principal enzyme is called rennin or chymosin.

Chymosin added to milk, cleaves a specific peptide bond in casein, the most important milk protein. Casein, which exists in complexes called micelles, has four components. One of these, kappacasein, stabilizes the whole complex against coagulation, an action caused by the flocculating effect of calcium ions. When chymosin splits kappacasein, the rest of the casein micelle becomes unstable. It coagulates—or gels—due to the presence of calcium in the milk.

Coagulation of milk depends on its pH, temperature, casein- and calcium content. As a coagulant, chymosin has shown distinct advantages over other proteolytic enzymes (pepsin, trypsin and papain) in producing a smooth, high-yielding curd, free from bitterness or off-flavors. High chymosin content in rennet has been shown in studies to produce better cheese yields.

Nelson-Jameson offers a variety of enzymes suitable for commercial production of cheese. They are microbial coagulants and 100% pure chymosin produced by r-DNA fermentation technology. Call us to discuss your coagulant needs. We can arrange for in-plant trials and provide information to help you make an appropriate choice. Dedicated to the quality of milk and dairy products from dairy farm to consumer! Now you can get the broadest selection of dairy ingredients available from a single source! As a team, Nelson-Jameson and DSM Food Specialties combine the experience, the products, and the distribution you need. No one else can offer you this kind of bottom-line convenience. Best of all, as our customer, you'll always be supported with the just-in-time delivery and emergency service that only a stocking distributor can provide. You'll not only get full technical service—you'll receive the frequent contact with your ingredient supplier that you deserve. Our experienced dairy industry team is ready to respond to your needs from coast-to-coast. In short, we'll be there when you need us. Call our ingredient product specialists today for information or an in-plant trial.

Maxiren® DS

A superior milk coagulant, Maxiren is a fermentation-derived product made using a selected strain of the dairy yeast Kluyveromyces lactis. This patented product, awarded GRAS status by the FDA, is pure chymosin identical to the chymosin enzyme present in calf rennet. Unlike calf rennet, however, Maxiren is 100% pure chymosin.

Maxiren provides maximum milk clotting activity. Strong curd formulation allows earlier cutting, when used in amounts equal to calf rennet. Compared to microbial rennet, the high cheese yield makes it more economical for every batch. Used commercially in Europe since 1988, Maxiren has proven extremely cost-effective. Because it is a fermentation-derived product, supply is always assured.

Developed by DSM Food Specialties, the world leader in fermentation technology, Maxiren is suitable for all varieties of cheese, including aged and vegetarian cheeses. Certified Kosher and HALAL. For further technical information or a product trial, call our ingredient product specialists.

Strength	Size	Wt	Unit	Stock #
Double	5 gal	52	PK	233-4040
Double	20 L (Kosher, Passover Approved)	50.85	PK	233-4041
Double	20 L (Kosher, Passover Approved, Benzoate Free)	50.85	PK	233-4034
Double	55 gal drum	550	DR	233-4055
Double	250 gal tote	2528	TE	233-4046

Maxiren® XDS

Maxiren XDS is a liquid chymosin preparation derived from a selected strain of the dairy yeast Kluyveromyces lactis. Maxiren XDS helps prevent changes over time in the protein structure - the main determinant of the texture of cheese - that can impact on consumer preference and cheese processors' acceptance. The coagulant does so due to its specific proteolytic activity - the breakdown of cheese proteins - which is slower than with other coagulants. It also has a high specificity, which lowers the amount of coagulant required. As such, Maxiren XDS contributes to dosage improvement as well as the retention of cheese texture over the entire shelf life. An improved cheese texture also provides more and better options for shredding, slicing, and dicing after production and minimizes cheese losses during these operations. Certified Kosher and HALAL.

Specifications	Wt	Unit	Stock #
20 liter pk (Benzoate Free)	52	PK	233-4031
1,000 liter tote (Benzoate Free)	2528	TE	233-4032

Call Customer Service at 800-826-8302

COAGULANTS

STARTER MEDIA

Fromase® 750 XLG Microbial Coagulant

A heat-sensitive milk clotting enzyme cultured from a selected strain of the Rhizomucor miehei organism. Pasteurization will effectively destroy any residual activity in whey. Kosher and HALAL approved.

Strength	Size	Wt	Unit	Stock #
Double	20 L	52	PK	233-4091

Fromase® 2200TL Granular Microbial Coagulant

This granular version of Fromase contains no preservatives. Suitable for use in organic products. Kosher and HALAL approved.

Strength	Size	Unit	Stock #
Double	500 g	BO	233-7220

Suparen® 600 Microbial Coagulant

A very heat-sensitive milk clotting enzyme often used in Swiss or Italian cheesemaking processes. Cultured from a selected strain of the Endothia parasitica fungus. Kosher and HALAL approved.

Strength	Pkg	Wt	Unit	Stock #
Double	20 L	52	PK	233-4080
Double	200 L	520	DR	233-4085

Accelerzyme® NP 50.000 LF

Accelerzyme NP 50.000 LF is a liquid neutral protease preparation derived from a selected strain of Bacillus amyloliquefaciens. Kosher and HALAL approved.

Size	Wt	Unit	Stock #
20 kg	50	PK	233-4140

Accelerzyme® CPG

Accelerzyme CPG is a liquid carboxypeptidase preparation derived from a selected strain of Aspergillus niger. Kosher and HALAL approved.

Size	Wt	Unit	Stock #
20 kg	47	PK	233-4300

Starter Media

Culture growth and cheese yield depend upon your selection of an appropriate bulk starter medium. The media and culture system, itself, is designed to achieve your desired cheese flavor and texture. That's why DSM Food Specialties offers an array of starter media for single or mixed strain propagation. Select from conventional, internal or external pH control; whey-based or milk-based; buffered, phage-resistant media with the solids level you require.

DSM Food Specialties experts will be happy to help you select the starter ingredients tailored to your type of cheese and manufacturing process. Call our ingredients product specialists for details.

Description	Units/Pallet	Wt	Unit	Stock #
Internal Media				
Delvolac LS-6	50	50	BG	233-7931
Delvolac IT-7	50	50	BG	233-7897
Delvolac CC-11 Plus	50	50	BG	233-7980
External Media				
Delvostart CN-2	50	50	BG	233-7900
Delvostart EM-7	50	50	BG	233-7901
Delvostart WB-50	50	50	BG	233-7905
Catilac pH 100	50	50	BG	179-4160
I.S.S. GF	40	60	BG	179-9450

Lipase Enzymes

Lipase powder is produced from the pre-gastric glandular material of the lamb, veal calf and the kid goat. Microbial lipase and microbial and animal lipase combinations are also available. These lipase enzyme preparations are designed to be used in the dairy industry.

Our Lipase Enzymes are available in a variety of sizes. Call our ingredients product specialists for details.

CHEESE COLOR

Annatto Color

The accelerated growth of the food industry has resulted in rapidly rising interest in safe and convenient colorants. Thus, annatto, a natural carotenoid, has become increasingly important. The annatto tree produces a seed which is the raw material for annatto color. The seeds have a thin coating of highly-colored resin, which, after purification and processing, provides the basic pigment used in coloring. Annatto has served as an eye-appealing colorant for cheese for well over 100 years. Available in two standardized strengths. Water soluble.

Strength	Size	Wt	Unit	Stock #
Single	5 gal	47.4	PA	233-4405
Double	5 gal	47.4	PK	233-4507

Prices subject to change.

Packaging & Ingredients

CHEESE COLOR

Organic Cheese Color

Organic Cheese Color is Certified Organic, Kosher & HALAL.

Specifications	Wt	Unit	Stock #
Single Strength, 5 gal pk	43	PA	233-4400

NCI Cheese Color Standard Chart

A 12-color chart endorsed by the National Cheese Institute. 9″ x 3-1/2″ x 1/16″ plastic.
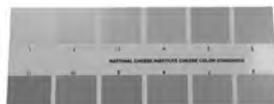
Unit	Stock #
EA	179-4900

FIRMING & ANTI-CAKING AGENTS

Food-Grade 32% Calcium Chloride

Food-grade calcium chloride is acceptable in small quantities for cheese manufacturing to aid in coagulation when the mineral content of the milk is out of balance. Also used as a firming agent for canning fruits and vegetables.

Size	Wt	Unit	Stock #
5 gal	58.9	PK	715-4205
55 gal	608	DR	715-4211
275 gal	3041	TE	715-4215

KEYCEL® Anti-Caking Agent

A white, odorless, highly absorptive powdered cellulose, widely used in cheese shredding operations. It is also used as a bulking agent in low-calorie formulations, as a fiber source, and as a flow agent.

Description	Units/Pallet	Wt	Unit	Stock #
Keycel 200CT	50	50	BG	212-4055

FloAm® Anti-Caking Agent

A powdered cellulose/oxygen scavenger enzyme blend specifically formulated to reduce the level of retained oxygen in the package in order to increase shelf life.

Description	Units/Pallet	Wt	Unit	Stock #
FloAm 200MO	65	30	BG	212-4342
FloAm 275	56	25	BG	212-4275

Solka-Floc® EXT Anti-Caking Agent

A combination of powdered cellulose and Natamycin in dry form that results in a one-step operation resulting in excellent flowability and extended shelf-life to cheese.

Description	Units/Pallet	Wt	Unit	Stock #
Solka-Floc EXT (Soy Free)	50	40	BG	212-4063

Custom Blended Anti-Caking Agents

Create a custom blend of anti-caking agents, such as cellulose, potato starch or corn starch, with enzymes or natamycin added. Call our ingredient product specialists at 800/826-8302 to discuss your custom blending needs.

DAIRY POWDERS

Dairy Powders

Grade A and extra grade dairy powders are used as ingredients in an increasing variety of food processing applications of cheeses, ice cream, yogurt, bakery, snacks, sausage, health foods, sport drinks, and the list continues to lengthen. Allow us to be your source of consistent, high quality dairy powders and ingredients with a variety of certifications, and package sizes of bags and totes. We can provide:

Grade A, Low Heat, NFDM
Extra Grade, Low Heat, NFDM
High Heat, NFDM
Instantized, Low Heat, NFDM
Sweet Whey Powder
WPC, 34% & 80%
De-Lactose Whey Powder
MPC 70%
WPI 90%
Sweet Cream Butter Milk
AMF-Bag in a Box
Sodium Caseinate
Cream Powder 40% Fat
Lactose Powder 80, 100 & 200 Mesh/Grind
Custom Blends Available Upon Request

Call our ingredient specialists to help determine the best product for you!

FLAVORING & SPICES

Red Arrow Liquid Smoke

Red Arrow brand liquid smoke is a natural smoke flavorant produced from mixed hardwoods for use in a variety of foods, including cheeses and beverages. Kosher.

Description	Size	Wt	Unit	Stock #
Charsol AB®	55 gal	473	DR	714-4486
Charsol C-6®	5 gal	43	PA	714-4650
Hickory H-6	5 gal	40	PA	714-4525
Charsol Apple-wood	5 gal	50	PA	714-4481

Don't see what you need? Call our ingredients specialists at 800-826-8302.

Call Customer Service at 800-826-8302

HERBS & SPICES

Herbs & Spices

Nelson-Jameson has partnered with Woodland Foods to bring the finest spices, fruits, vegetables, nuts and mushrooms to you. These items are available in a variety of sizes. You can also order custom blends. Please call our ingredient specialists for usage applications and prices.

Minced Garlic

Description	Unit	Stock #
H113DI Garlic, minced, irradiated	BX	200-8042

Black Peppercorns, 1/2 Cracked

Description	Unit	Stock #
H86CI Black peppercorns, 1/2 cracked, irradiated	BG	200-8031

Air Dried Chives

Description	Unit	Stock #
H97DI, Chives, air dried, irradiated	BG	200-8108

Crushed Red Pepper

Description	Unit	Stock #
H81DI Red pepper, crushed, irradiated	BG	200-8039

Parsley Flakes

Description	Unit	Stock #
H96DI Parsley flakes, irradiated	BX	200-8091

Chipotle Morita

Description	Unit	Stock #
E14DI Chipotle morita peppers, granulated, dehydrated, irradiated	BX	200-8001

Basil

Description	Unit	Stock #
H03DI Basil, extra fancy, irradiated	BG	200-8099

Sun Dried Tomatoes

Description	Unit	Stock #
T15DI Sun dried tomatoes, natural, minced, irradiated	BX	200-8087

Caraway Seed

Description	Unit	Stock #
H06DI Caraway seed, irradiated	BG	200-8063

Don't see what you need?

Call for pricing and additional sizes!

Prices subject to change.

SALT

Cheese Salt

Granulated food-grade salt with YPS (anti-caking agent) meets all regulations and specifications from the FDA, USDA and FCC. This salt is certified Kosher and pareve for use during Passover and year round.

Wt	Unit	Stock #
50	BG	703-1000

Organic Cheese Salt

Granulated, food-grade salt. This is pure salt, no additives. Certified Kosher and pareve for use during Passover and year round.

Wt	Unit	Stock #
50	BG	703-1500

PEPPERS

Peppers

Peppers commonly used in natural and processed cheese production are red and green jalapeno - or a blend of both 70% green jalapeno and 30% red jalapeno. For extra hot flavor, habenero is used. Available for natural or processed cheese applications. Available in non-returnable pails, drums or totes.

Description	Net Weight	Wt	Unit	Stock #
5-Gallon Poly Pail				
1/8" Diced Jalapeno Blend, Red & Green	35	47	PA	199-4010
Green Jalapeno Puree	42	45.76	PA	199-4505
55-Gallon Drum				
1/8" Diced Jalapeno Blend, Red & Green	350	467	DR	199-4050
1/8" Diced Green Jalapeno	350	467	DR	199-4000
1/8" Diced Jalapeno Blend with Habenero	350	440	DR	199-4056
1/8" Diced Red Jalapeno	350	440	DR	199-4156
Jalapeno w/ Habanero Blend	350	440	DR	199-4100
Tote				
1/8" Diced Jalapeno Blend, Red & Green	1400	2050	TE	199-4955
Diced Green Jalapeno	1400	2045	TE	199-4250

STARTERS

Starter Flavor

Enhance the natural flavor of dairy products such as buttermilk, sour cream and cottage cheese with dairy starter flavors from Nelson-Jameson. This product is a blend of food quality acids, artificial and natural flavors ordinarily found in high quality starter and many cultured dairy products. Kosher.

Description	Size	Wt	Unit	Stock #
#239 Starter Flavor	5 gal	50	PK	298-6005
#150 Diacetyl Free	55 gal	8.3	DR	298-4050

Starter Distillate

Starter distillate provides a natural butter-type flavor. It can be added to butter, margarine, cottage cheese or non-dairy products. A GRAS additive.

Strength	Size	Wt	Unit	Stock #
15X	1 gal	8.55	GA	298-4005
15X	5 gal	45.365	PA	298-4010

Call Customer Service at 800-826-8302

PRESERVATIVES

DEFOAMERS

Delvocid® Preservatives

Give your cheese extended shelf life with DSM Food Specialties' original discovery: the natural antimicotic, natamycin. This unique food grade mold and yeast inhibitor is over 135 times more active against mold than sorbates. It is, thus, more economical to use than other preservatives. Tasteless, odorless and colorless, it can be applied in an aqueous dip or spray. When applied, it stays on the surface - where it is needed. These Delvocid preservatives are FDA accepted for use as a cheese preservative when used properly. Kosher-approved.

Delvocid® Salt

Delvocid Salt is an off-white crystalline powder containing 50% natamycin in a carrier of sodium chloride.

Size	Unit	Stock #
500 g	BO	233-7000

Delvocid® XT1

Delvocid XT1 is a powdered form with a xanthan gum stabilizer which provides a stable suspension to eliminate the need for constant stirring of the preparation.

Size	Unit	Stock #	PRICE
500 g	BO	233-4060	$337.00
100 g	BO	233-4065	$88.25

Delvocid® XT3

Delvocid XT3 is ready to use liquid natamycin.

Size	Unit	Stock #
50 gal	DR	233-4650
250 gal	TE	233-4250

Delvo®Cid+

A breakthrough in natamycin technology…DelvoCid+ is a liquid concentrate that remains into suspension after addition of water. This product eliminates the risk of yeast and mold growth, and has proven to be an efficient method of preservation that is highly-cost effective. DelvoCid+ is simple to use and suitable for both spray and dipping bath applications.

Pkg	Unit	Stock #
10 kg	PK	233-4071

Acidulants

Acidulants find a variety of applications throughout the food and dairy industry. Among these are flavor enhancement, texture modification, acidifying agents, etc. Food-grade and Kosher.

Description	Size	Wt	Unit	Stock #
Citric acid, granular	50 lb	51	BG	715-4198
Citric acid, 50% liquid	55 gal	570	DR	715-4200
Lactic acid, 88% liquid	5 gal	50	PK	715-7105
Lactic acid, 88% liquid	55 gal	551.16	DR	715-7110
Acetic acid, 56% liquid	55 gal	450	DR	715-4475

MAGRABAR 10-SN Silicone Defoamer

Silicone emulsion defoamers are most effective. Our food grade 10% silicon formulation, if added to the base liquid before other additions, will reduce foaming to near zero. As a direct food additive, this defoamer is limited to 100 PPM; however, it gives maximum performance at minimum levels. Lower pH formula has improved keeping quality. Kosher/Kosher for Passover.

Applications: Dairy, Cheese, Lactose, Whey, Egg Breaking, Meat, Seafood, Fruits, Vegetables, Soy Processing, Beverages, Soups, Blood Protein Separation, Meat-Release Agent, Seafood Washing, Canning, Packaging, Carcass Washing, and Effluent Treatment.

Size	Wt	Unit	Stock #	PRICE
450 lb	450	DR	415-5013	$568.42
4 x 1 gal	8	GA	415-5021	$18.99
40 lb pk	42.385	PK	415-5026	$75.26

MAGRABAR PD-650 Non-Silicone Defoamer

Use this food-grade, non-silicone defoamer, to destroy existing foam in protein and carbohydrate media. The formula is a water emulsion that strictly adheres to FDA direct/indirect ingredient approvals. Works well in a wide range of pH and temperatures in the Cheese and Dairy industry. Certified Kosher and Halal.

Size	Wt	Unit	Stock #	PRICE
4 x 1 gal	8	GA	415-4031	$19.53
5 gal/pk	42.385	PK	415-4040	$83.92
55 gal/poly dr	452	DR	415-4056	$582.58

Magrabar PD-602 Oil Based Defoamer

This defoamer is 100% active, vegetable oil based, and is food grade. PD-602 will control foam and increase efficiency in whey evaporators. Also useful in many fermentation processes. It complies with the Code of Federal Regulations for food processing. It is formulated with approved vegetable based surface-active agents, vegetables, and hydrophobic silica. Certified Kosher and Halal.

Size	Wt	Unit	Stock #	PRICE
40 lb/pk	42.385	PK	415-4030	$154.51
55 gal/dr	430	DR	415-4210	$1,075.00
330 gal/te	2500	TE	415-4230	$4,820.12

MAGRABAR UFA-450 Defoamer

UFA-450 is a nonionic, food grade defoamer designed for use with ultrafiltration membranes. It is free from silicone and other deposit forming ingredients that can reduce membrane flux rates prematurely. Successfully used in many membrane applications from dairy processing to wastewater treatment. Certified Kosher and Halal.

Size	Wt	Unit	Stock #	PRICE
55 gal	430	DR	415-4150	$1,138.37

Prices subject to change.

USP White Petrolatum

Used for small sealing tasks, like cheese block plugs after grading, on up to the big jobs, such as sealing 640 blocks before packaging. Kosher.

Description	Wt	Unit	Stock #
34 lb/pa	37	PA	557-3535
375 lb/dr	408	DR	557-3550

Food-Grade Hydrogen Peroxide, 34%

A useful preservative, whitening agent or aid in adjusting the pH level in whey products. For food processing plant use only.

Size	Wt	Unit	Stock #
55 gal	510	DR	715-4034

Potassium Sorbate (OPTASORB)

A 50% solution, by weight, of potassium sorbate in water. This liquid form eliminates the inconvenience of preparing solutions from dry potassium sorbate. Widely recognized as an effective agent to inhibit mold growth on cheese and many other food products. Sorbates enjoy GRAS status. Meets all applicable Food Chemicals Codex specs for potassium sorbate.

Size	Wt	Unit	Stock #
5 gal	48	PA	715-4505

Oxylite®

A 32% benzoyl peroxide formulation is used as a bleaching powder for both milk and whey. More user-friendly and economical than titanium dioxide. Recommended usage rate of 1-oz per 1000 lb. of product. Has been used to bleach whey for years. It works well in bleaching whole fat milk. Used in Hispanic cheeses, or where a whiter finished product is desired. Oxylite CS is the same formulation as Oxylite XX, but uses calcium sulfate to replace starch.

Description	Wt	Unit	Stock #
Oxylite XX	50	BX	715-4006
Oxylite CS (Calcium Sulfate)	50	BX	715-4008

MaxiBright®

MaxiBright is a liquid peroxidase preparation for food use.

Mfg Part #	Wt	Unit	Stock #
14451	52	PK	233-4052

NOTES:

Call Customer Service at 800-826-8302

NOTES:

NOTES:

Discover more at Nelson-Jameson.
## Ask for these specialty brochures and catalogs:

Lab•alog™

Concerned about food safety and quality control in your food processing laboratory? Our Lab-alog™ brings together everything you are looking for and use on a daily basis. Includes a color insert featuring 3M™ Food Safety Products, as well as useful tools to make your lab supply ordering quick and easy.

Metal Detectable Products

Vigilance over food safety, along with increasingly demanding government regulations continue to fuel the importance of using metal detectors in food processing facilities. Protect your product and your reputation with metal detectable products from Nelson-Jameson, Inc.

Hand Hygiene Products

Proper hand hygiene protects your employees, your products, and your reputation. Reduce the risk of foodborne illness and contamination with products from Nelson-Jameson, Inc.

Sanitary Hose Assembly Guide

Keep your products flowing with Sanitary Hose Assemblies from Nelson-Jameson, Inc. We have hose assemblies to get almost any job done and custom fabricate a variety of hose assemblies in house to fit your applications. Ask about ReSeal reusable fittings for long term savings or permanent single use fittings with lower up-front costs.
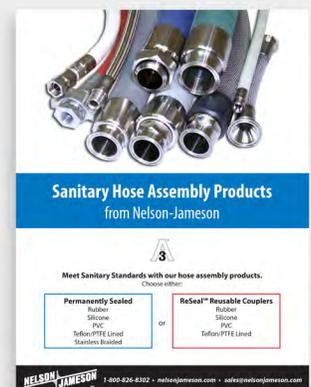
NELSON JAMESON
INC.

2400 East 5th Street
Marshfield, WI 54449

CALIFORNIA
3004 Humphrey Ct.
Turlock, CA 95380

IDAHO
568 Grange Lane
Twin Falls, ID 83301

TEXAS
8840 Centerport Blvd
Amarillo, TX 79108

PENNSYLVANIA
1221 Wallace St.
York, PA 17403

ILLINOIS
180 N Wacker Dr. Suite 350
Chicago, IL 60606

nelsonjameson.com • 1-800-826-8302