



Sanitary Hose Assembly Products from Nelson-Jameson



Meet Sanitary Standards with our hose assembly products.

Choose either:

Permanently Sealed

Rubber
Silicone
PVC
Teflon/PTFE Lined
Stainless Braided

or

ReSeal™ Reusable Couplers

Rubber
Silicone
PVC
Teflon/PTFE Lined

Your Complete Source for Sanitary Hose Assemblies

Nelson-Jameson has the widest selection of hose and couplers for food, dairy and beverage processors. We've worked with hose and tubing manufacturers as well as regulatory agencies to develop products designed to meet your needs.

In the following pages, you will find some of our most requested products... but don't stop there! We have lots more to offer and are here to help you choose the most appropriate hose assembly to suit your requirements.

If you don't see what you need or require assistance, give us a call and discuss your application with our hose product specialist.

Using this acronym "stamped" will assist you in ordering the appropriate hose.

S	Size
T	Temperature <i>(Working and Cleaning)</i>
A	Application
M	Media <i>(Material Being Transferred)</i>
P	Pressure <i>(Working and Cleaning)</i>
E	End Style <i>(Type and Alignment)</i>
D	Delivery <i>(Special Packaging)</i>

Contents

Seal-Rite™ Permanent Crimp

See Blue Section Pages 3-11

Hose assemblies with permanent crimped ends are an economical choice for applications that are off the ground and out of harms way. Correctly specified and properly cared for hoses will result in longer life.



ReSeal Reusable Coupler

See Red Section Pages 12-18

Crushing, excessive dragging and abuse can prematurely wear hoses. A slightly higher initial investment in reusable ends will reap future savings when replacing the hose and reusing the stainless couplers.



Fitting Sizing Chart

See Page 19

Find the right size for your Sanitary Clamp Fitting

Accessories

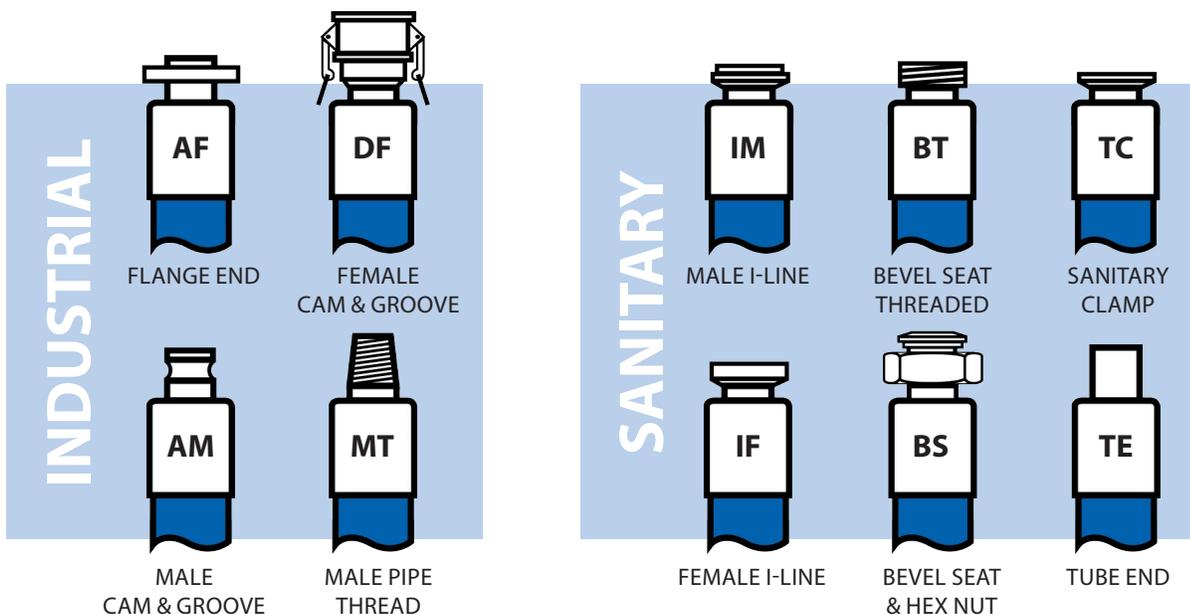
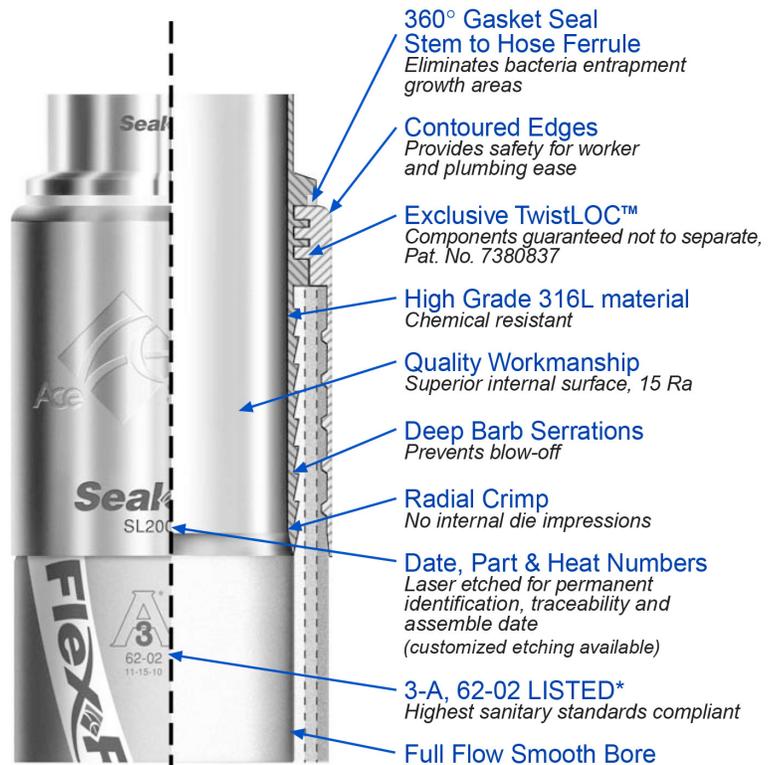
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Hose Supports

Seal-Rite™ Permanent Radial Crimp Fittings

Seal-Rite radial crimp couplers are the purest unitized assemblies available today. Our external crimp design provides a 360° fixed seal at the coupler stem to hose junction point that eliminates the possibility of product wicking between the hose and coupler. Unlike internal expansion which can deform metal and yield die impressions, radial crimp technology will not interfere with the internal surface of the coupling stem. A full flow smooth bore transition is created after fabrication that excludes ledges or crevices that can collect bacteria.

TwistLOC™ components become a single unit that resist separation under severe applications. Internal surface finishes exceed 15 Ra. Each coupling stem is manufactured from 316L grade stainless steel and stamped with a material traceability number which is our commitment to quality. Seal-Rite radial crimped couplers are available for attachment on a variety of hoses. A wide range of end styles, sizes ½" through 6" are available.



Rubber Hose

REB Red ExtremeFlex™ w/Ez Clean Cover



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. Light weight 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. The microbe-resistant chlorobutyl tube will not impart taste or smell.

Only the RED ExtremeFlex features an EZ clean UHMWPE semi-smooth cover.

Color: Red

REB-G Gray ExtremeFlex™ Beverage Hose



ExtremeFlex™ is ideal for applications requiring flexibility and/or tight bend connections. Light weight and flexible with a gray 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. The microbe-resistant chlorobutyl tube will not impart taste or smell.

Color: Gray

RES Premium Suction & Discharge



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 odor to products being transferred. Consider this suction and discharge hose for use with milk, dairy, food and beverage as well as cosmetics, pharmaceutical and CIP applications. Meets 3-A standards, USDA requirements, and is FDA compliant.

Color: Blue

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
REB150	1-1/2"	2.03"	250 PSI	3.0"	29	.093 lbs
REB200	2"	2.537"	250 PSI	4.0"	29	1.21 lbs
REB250	2-1/2"	3.08"	200 PSI	5.5"	29	1.67 lbs
REB300	3"	3.601"	200 PSI	6.0"	29	2.03 lbs
REB400	4"	4.607"	150 PSI	8.0"	29	2.77 lbs

TUBE: White FDA Chlorobutyl

COVER: Red Corrugated EZ Clean UHMWPE

REINFORCEMENT: Spiral-plyed fabrics with double steel wire helix

TEMP. RANGE: -30°F to 220°F

APPROVALS: FDA, USDA, 3-A

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
REB-G150	1-1/2"	2.02"	250 PSI	2.3"	29	.92 lbs
REB-G200	2"	2.53"	250 PSI	3.0"	29	1.2 lbs
REB-G250	2-1/2"	3.07"	250 PSI	4.0"	29	1.65 lbs
REB-G300	3"	3.59"	200 PSI	4.5"	29	2.02 lbs
REB-G400	4"	4.60"	150 PSI	6.0"	29	2.76 lbs

TUBE: White FDA Chlorobutyl

COVER: Gray Corrugated Chemivac with blue stripe

REINFORCEMENT: Spiral-plyed fabrics with double steel wire helix

TEMP. RANGE: -30°F to 220°F

APPROVALS: FDA, USDA, 3-A

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
RES050	1/2"	.93"	150 PSI	2.5"	29"	.23 lbs.
RES075	3/4"	1.18"	150 PSI	3.75"	29"	.31 lbs.
RES100	1"	1.50"	150 PSI	4.0"	29"	.39 lbs.
RES150	1-1/2"	2.09"	150 PSI	5.0"	29"	.80 lbs.
RES200	2"	2.60"	150 PSI	6.0"	29"	1.16 lbs.
RES250	2-1/2"	3.17"	150 PSI	7.0"	29"	1.70 lbs.
RES300	3"	3.72"	150 PSI	8.5"	29"	1.96 lbs.

TUBE: White FDA, 3-A*, EPDM

COVER: Light Blue, EPDM Synthetic Rubber

REINFORCEMENT: Two polyester spirals with dual helix wire

TEMP. RANGE: -40 to 300° F

APPROVALS: USDA, FDA, 3-A

Rubber hose products meet/comply with USDA Class III requirements, FDA CFR 21 177.2600, 3-A 18-03.
*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

RSD Suction & Discharge



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, 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.

Colors:

RSD - Gray - all sizes.

RSDR - Red - 1-1/2", 2", 3" only.

RSDB - Blue - 1-1/2", 2", 3" only.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
RSD050	1/2"	1.0"	150 PSI	2.0"	29"	.32 lbs.
RSD075	3/4"	1.25"	150 PSI	2.0"	29"	.57 lbs.
RSD100	1"	1.50"	150 PSI	3.0"	29"	.91 lbs.
RSD150	1-1/2"	2.06"	150 PSI	4.0"	29"	1.03 lbs.
RSDR150	1-1/2"	2.06"	150 PSI	4.0"	29"	1.03 lbs.
RSDB150	1-1/2"	2.06"	150 PSI	4.0"	29"	1.03 lbs.
RSD200	2"	2.57"	150 PSI	4.5"	29"	1.32 lbs.
RSDR200	2"	2.57"	150 PSI	4.5"	29"	1.32 lbs.
RSDB200	2"	2.57"	150 PSI	4.5"	29"	1.32 lbs.
RSD250	2-1/2"	3.12"	150 PSI	5.5"	29"	1.84 lbs.
RSD300	3"	3.74"	150 PSI	7.0"	29"	2.55 lbs.
RSDR300	3"	3.74"	150 PSI	7.0"	29"	2.55 lbs.
RSDB300	3"	3.74"	150 PSI	7.0"	29"	2.55 lbs.
RSD400	4"	4.77"	150 PSI	10.0"	29"	3.51 lbs.
RSD600	6"	6.75"	150 PSI	22.0"	29"	5.42 lbs.

TUBE: White, FDA, 3-A*, Chlorobutyl

COVER: Gray, Red & Blue EPDM w/white stripe

REINFORCEMENT: Spiral-plied synthetic fabric with dual wire helix

TEMP. RANGE: -40 to 225° F

APPROVALS: USDA, FDA, 3-A

PSD Protector® Suction & Discharge Hose



This premium quality, remarkably versatile-use hose is, without a doubt, one of 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.

Colors:

PSD - Gray - all sizes.

PSDW - White - 1-1/2", 2", 3" only.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
PSD050	1/2"	1.03"	150 PSI	2.0"	29"	.4 lbs.
PSD75	3/4"	1.25"	150 PSI	3.0"	29"	.56 lbs.
PSD100	1"	1.53"	150 PSI	4.0"	29"	.65 lbs.
PSD150	1-1/2"	2.16"	150 PSI	6.0"	29"	1.07 lbs.
PSDW150	1-1/2"	2.16"	150 PSI	6.0"	29"	1.07 lbs.
PSD200	2"	2.66"	150 PSI	7.0"	29"	1.43 lbs.
PSDW200	2"	2.66"	150 PSI	7.0"	29"	1.43 lbs.
PSD250	2-1/2"	3.19"	150 PSI	8.0"	29"	2.08 lbs.
PSD300	3"	3.75"	150 PSI	9.0"	29"	2.63 lbs.
PSDW300	3"	3.75"	150 PSI	9.0"	29"	2.63 lbs.
PSD400	4"	4.75"	150 PSI	12.0"	29"	3.14 lbs.
PSD600	6"	6.75"	150 PSI	36.0"	29"	5.22 lbs.

TUBE: White FDA butyl

REINFORCEMENT: 2 fabric spirals with helix wire

COVER: Light gray or white EPDM

TEMP. RANGE: -40° to 225°F

APPROVALS: FDA, USDA, 3-A, CFIA

SW630 Food Suction Hose



An ultra-flexible food hose designed for milk, fruit juices, soft drinks, beer, wine, pharmaceuticals, cosmetics and other non-oily food products. Smooth cover provides extreme flexibility while minimizing bacteria build-up often found in corrugated hoses. Manufactured on stainless steel mandrels for an ultra-smooth bacteria free tube that will not impart taste or odor. All sizes available in crimp.

Color: Gray

Rubber hose products meet/comply with USDA Class III requirements, FDA CFR 21 177.2600, 3-A 18-03.

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
SW630-1-1/2	1-1/2"	2.13"	200 PSI	4.5"	29.9"	.98 lbs.
SW630-2	2"	2.64"	200 PSI	6.0"	29.9"	1.37 lbs.
SW630-2-1/2	2-1/2"	3.16"	200 PSI	7.5"	29.9"	1.77 lbs.
SW630-3	3"	3.70"	200 PSI	9.0"	29.9"	2.23 lbs.
SW630-4	4"	4.73"	200 PSI	12.0"	29.9"	2.75 lbs.

TUBE: White Chlorobutyl

COVER: Gray EPDM

TEMP. RANGE: -40° to 225°F

APPROVALS: FDA, USDA, 3-A, PMO

WARNING: Working pressure ratings are based on ambient temperature.

Working pressure and vacuum ratings will decrease as temperatures increase.

Rubber Hose

RCR *Crush Resistant*



Ideal for use in receiving bays and high traffic areas, this premium crush resistant hose's orange color gives it 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, USDA requirements, and is FDA compliant.

Color: Orange

GCR *Gladiator® Crush Resistant Hose*



The secret to this crush resistant hose 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. *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 its original shape.*

Color: Red

RBT *Beverage Transfer*



This heavy duty, high pressure discharge hose with its limited suction capability is ideally suited for transferring liquid products in breweries and wineries. The bounce back design resists damage from kinking or flattening in high traffic areas.

Color: Purple

RWS *Wine & Spirits*



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, USDA requirements, and is FDA compliant.

Color: Red

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
RCR150	1-1/2"	2.11"	250 PSI	4.0"	27"	.98 lbs.
RCR200	2"	2.68"	250 PSI	7.0"	27"	1.38 lbs.
RCR250	2-1/2"	3.21"	250 PSI	10.0"	27"	1.78 lbs.
RCR300	3"	3.85"	250 PSI	12.0"	27"	2.59 lbs.

TUBE: White, FDA, 3-A*, Chlorobutyl **COVER:** Orange EPDM w/white stripe
REINFORCEMENT: Spiral-plyed synthetic fabric with monofilament helix
TEMP. RANGE: -30 to 225° F **APPROVALS:** USDA, FDA, 3-A

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
GCR150	1-1/2"	2.16"	250 PSI	5.0"	20"	1.05 lbs.
GCR200	2"	2.66"	250 PSI	7.0"	20"	1.33 lbs.
GCR250	2-1/2"	3.19"	250 PSI	12.0"	20"	1.77 lbs.
GCR300	3"	3.75"	250 PSI	18.0"	20"	2.3 lbs.
GCR400	4"	4.75"	250 PSI	36.0"	20"	2.94 lbs.

TUBE: White FDA butyl or synthetic polymer **COVER:** Red EPDM
REINFORCEMENT: Multiple fabric spirals with monofilament helix
TEMP. RANGE: -40° to 225° F **APPROVALS:** FDA, USDA, 3-A

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
RBT100	1"	1.69"	250 PSI	4.0"	20"	.81 lbs.
RBT150	1-1/2"	2.23"	250 PSI	5.5"	20"	1.20 lbs.
RBT200	2"	2.92"	250 PSI	6.5"	20"	1.86 lbs.
RBT300	3"	4.09"	250 PSI	10.0"	20"	3.57 lbs.

TUBE: White FDA, 3-A*, Chlorobutyl **COVER:** Purple EPDM w/white stripe
REINFORCEMENT: Spiral-plyed synthetic fabric 4 plies 1.5" - 6 plies 2" & over
TEMP. RANGE: -40 to 225° F

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
RWS150	1-1/2"	2.13"	150 PSI	4.0"	29"	.75 lbs.
RWS200	2"	2.64"	150 PSI	5.0"	29"	.97 lbs.
RWS250	2-1/2"	3.19"	150 PSI	6.5"	29"	1.18 lbs.
RWS300	3"	3.76"	150 PSI	8.0"	29"	1.46 lbs.
RWS400	4"	4.77"	150 PSI	10.0"	29"	2.74 lbs.

TUBE: White, FDA, 3-A*, Chlorobutyl **COVER:** Red Thermoplastic w/white stripe
REINFORCEMENT: High strength synthetic cord with steel wire helix
TEMP. RANGE: -25 to 250° F

Rubber hose products meet/comply with USDA Class III requirements, FDA CFR 21 177.2600, 3-A 18-03.
 *3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

RCT Comestible Transfer



An excellent choice for edible oils and personal care products as well as most dairy applications. Rated for full transfer use up to 150 PSI, this nitrile hose is engineered to handle high 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, USDA requirements and is FDA compliant.

Color: White

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
RCT100	1"	1.50"	150 PSI	3.5"	29"	.95 lbs.
RCT150	1-1/2"	2.13"	150 PSI	4.0"	29"	1.10 lbs.
RCT200	2"	2.64"	150 PSI	4.5"	29"	1.45 lbs.
RCT250	2-1/2"	3.19"	150 PSI	6.0"	29"	1.90 lbs.
RCT300	3"	3.76"	150 PSI	7.0"	29"	2.68 lbs.
RCT400	4"	4.77"	150 PSI	10.5"	29"	3.54 lbs.

TUBE: White, FDA, 3-A*, Nitrile/PVC Blend

COVER: White Nitrile w/white stripe

REINFORCEMENT: Spiral-plied synthetic fabric with dual wire helix

TEMP. RANGE: -25 to 250° F

SSW Sentry® Softwall Discharge Hose



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 super smooth 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.

Color: Blue

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
SSW150	1-1/2"	2.16"	250 PSI	-	-	1 lb.
SSW200	2"	2.66"	250 PSI	-	-	1.25 lbs.
SSW250	2-1/2"	3.19"	250 PSI	-	-	1.66 lbs.
SSW300	3"	3.75"	250 PSI	-	-	2.23 lbs.

TUBE: Seamless white FDA butyl rubber manufactured on chrome polished mandrels

COVER: Blue EPDM

REINFORCEMENT: 2 fabric spirals

TEMP. RANGE: -40° to 225° F

LENGTHS: 1 foot to 100 feet

APPROVALS: FDA, USDA, 3-A, CFIA

RWD Premium Washdown



Designed with a food grade inner liner for cleanup duties in dairies, creameries, breweries, 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.

Color: White, Blue (RWDB), Black (RWDBK), (Yellow Coming Soon!)

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
RWD075	3/4"	1.25"	350 PSI	-	-	.41 lbs.
RWDB075	3/4"	1.25"	350 PSI	-	-	.41 lbs.
RWDBK075	3/4"	1.25"	350 PSI	-	-	.41 lbs.

TUBE: White FDA, 3-A*, EPDM

COVER: White EPDM, Wrapped Finish

REINFORCEMENT: Spiral-plied synthetic fabric 4 plies

TEMP. RANGE: -40 to 300° F

Molded Hoses

Having problems with leaky flow panels because things have shifted or no longer line up properly? We have the solution.

These unique custom molded hoses are manufactured per application. Replace the stainless steel u-bends with our molded rubber hoses assemblies. The rubber is custom molded to hold it's shape but is still flexible enough to compensate for misalignment and movement.

Available in a variety of colors to compliment your color-code program with various inner tube elastomers choices to meet product and chemical applications. Sight glasses and proximity rods can also be incorporated into the assembly.

Call our product specialist to discuss your applications.

TUBE: Chlorobutyl, Nitrile, EPDM, Viton, Silicone

EPDM: Red, Blue, Green, Gray, Black, Purple

REINFORCEMENT: Determined by PSI selection

FITTINGS: Seal-Rite Radial Crimp or Vulcanized

PSI RATING: 50, 100, 150, 200, 250

SIZE RANGE: 0.75" - 6.0"



Rubber hose products meet/comply with USDA Class III requirements, FDA CFR 21 177.2600, 3-A 18-03.

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

Fluoropolymer Lined Hose

TSC *Silicone Covered Smooth Bore*



This silicone covered, PTFE lined hose with exterior convolutions and a smooth, undulating bore provides extreme flexibility. Exceptional for High Purity use in pharmaceutical, biotech and food industries. This hose will not impart taste or odor to products being transferred and provides cleaning ease both inside and out. TSC is excellent for use in hot oil or low velocity steam transfer applications.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
TSC025	1/4"	.46"	2000 PSI	0.7"	29"	.12 lbs.
TSC037	3/8"	.61"	1500 PSI	1.0"	29"	.14 lbs.
TSC050	1/2"	.77"	1000 PSI	1.5"	29"	.25 lbs.
TSC075	3/4"	1.07"	900 PSI	2.5"	29"	.42 lbs.
TSC100	1"	1.37"	750 PSI	4.0"	29"	.57 lbs.
TSC150	1-1/2"	2.03"	550 PSI	6.7"	29"	1.14 lbs.
TSC200	2"	2.56"	400 PSI	8.2"	29"	1.58 lbs.
TSC250	2-1/2"	3.17"	290 PSI	11.8"	29"	2.14 lbs.
TSC300	3"	3.65"	220 PSI	13.8"	29"	2.96 lbs.

TUBE: PTFE unpigmented, USP Class VI & FDA, (anti-static opt. avail.)
COVER: White, Platinum Silicone Rubber **REINFORCEMENT:** Stainless Steel Braid
TEMP. RANGE: -80° to +400° F **3-A LISTED:** 3/4" I.D. and over

TSB *Stainless Steel Braided Smooth Bore*



Excellent for fixed applications where minimal abuse, handling or flexing exist. Available for "Flaired Through" applications. HOSE COVER OPTIONS AVAILABLE.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
TSB037	3/8"	.53"	2500 PSI	2.0"	30"	.16 lbs.
TSB050	1/2"	.63"	1425 PSI	6.5"	30"	.16 lbs.
TSB075	3/4"	.86"	1000 PSI	8.2"	30"	.20 lbs.
TSB100	1"	1.19"	1000 PSI	12.0"	30"	.53 lbs.
TSB150	1-1/2"	1.76"	1000 PSI	20.0"	30"	.92 lbs.

TUBE: PTFE unpigmented, USP Class VI & FDA Criteria **COVER:** Stainless Steel Braid
REINFORCEMENT: 1" & 1-1/2" double braided **TEMP. RANGE:** -20 to 425° F

TCB *Stainless Steel Braided Convolutated*



Crush resistant hose that is easy to flex and has a tighter bend radius than smooth bore. Openpitched, seamless, helical convolutions provide for easy cleaning and transport of pharmaceuticals, chemicals, food and beverages. HOSE COVER OPTIONS AVAILABLE.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
TCB050	1/2"	.75"	1425 PSI	2.0"	29"	.19 lbs.
TCB075	3/4"	1.05"	1300 PSI	2.7"	29"	.29 lbs.
TCB100	1"	1.35"	1100 PSI	4.0"	29"	.51 lbs.
TCB150	1-1/2"	2.03"	700 PSI	6.0"	29"	.81 lbs.
TCB200	2"	2.46"	525 PSI	7.5"	29"	1.00 lbs.

TUBE: PTFE unpigmented, USP Class VI & FDA Criteria **COVER:** 316 Stainless Steel Braid
TEMP. RANGE: -20 to 425° F

TRS *EPDM Covered Smooth Bore FEP*



A steel wire is helically wound through the carcass which provides crush, kink and vacuum resistance. Ideal where external abrasion resistance is required.

Color: Green

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
TRS050	1/2"	.97"	300 PSI	1.5"	30"	.32 lbs.
TRS075	3/4"	1.27"	300 PSI	2.5"	30"	.48 lbs.
TRS100	1"	1.48"	300 PSI	3.0"	30"	.57 lbs.
TRS150	1-1/2"	2.04"	300 PSI	4.5"	30"	.89 lbs.
TRS200	2"	2.54"	300 PSI	7.0"	30"	1.22 lbs.
TRS250	2-1/2"	3.07"	200 PSI	10.0"	30"	1.64 lbs.

TUBE: FEP white, USP Class VI & FDA Criteria **COVER:** Green EPDM w/white stripe
REINFORCEMENT: Steel wire, helically wound **TEMP. RANGE:** -20 to 300° F
3-A LISTED: 3/4" I.D. and over

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

Silicone Hose

SXW X-tremely Flexible, Wire Reinforced



SXW with low force-to-bend characteristics is an X-tremely flexible suction and delivery hose. Our phthalates free tubes are ideal for pharmaceutical, cosmetic, and food products transfer. Meets 3A*, USDA, FDA and USP Class VI standards. This High Purity Silicone hose is manufactured to the longest length in the industry (130 feet). Striking a balance between flexibility and strength, SXW is reinforced with 316L stainless steel wire.

SXD Fabric Reinforced Discharge



SXD like the SXW, is extremely easy to handle. Reinforced with four fabric layers ensures a balance between strength and lightness. Specially designed for bulk transfer, high-pressure, and vacuum process applications. Meets 3A*, USDA, FDA, and USP Class VI standards. Short lengths are ideal for proportioning and load cells.

SDB Double Braided Discharge



This high-pressure, silicone, double braided, non-metallic hose can be autoclaved, irradiated or sterilized by ethylene oxide gas. Designed to resist weathering and temperature extremes. Meets 3A*, USDA, FDA and USP Class VI standards.

SSD Single Braid Discharge



A braid reinforced silicone hose, processed with pharmaceutical grade elastomer, designed for mid-range pressures. Manufactured using standard polyester or Nomex braid. Resists weathering & temperature extremes. Meets 3A*, USDA, FDA and USP Class VI standards.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Weight Per Ft.	Vacuum in HG.	Max. Length
SXW050	1/2"	.94"	150 PSI	2.0"	1.50 lbs.	29"	130'
SXW075	3/4"	1.18"	150 PSI	2.0"	2.00 lbs.	29"	130'
SXW100	1"	1.42"	150 PSI	3.0"	2.50 lbs.	29"	130'
SXW150	1-1/2"	2.00"	125 PSI	4.0"	4.50 lbs.	29"	130'
SXW200	2"	2.52"	110 PSI	4.5"	5.50 lbs.	29"	130'
SXW250	2-1/2"	3.09"	85 PSI	5.5"	7.00 lbs.	29"	130'
SXW300	3"	3.58"	70 PSI	7.0"	9.00 lbs.	29"	130'
SXW400	4"	4.61"	50 PSI	10.0"	14.50 lbs.	29"	130'

TUBE: FDA, 3-A, USP Class VI silicone - Platinum cured **COVER:** White translucent (colors avail.)

REINFORCEMENT: Four ply, polyester fabric with 316L stainless steel wire helix

TEMP. RANGE: -100 to 395° F

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Weight Per Ft.	Vacuum in HG.	Max. Length
SXD050	1/2"	1.00"	150 PSI	8.0"	1.50 lbs.	26"	130'
SXD075	3/4"	1.22"	150 PSI	10.0"	2.00 lbs.	22"	130'
SXD100	1"	1.46"	125 PSI	12.0"	2.50 lbs.	18"	130'
SXD150	1-1/2"	1.97"	85 PSI	-	4.50 lbs.	12"	130'
SXD200	2"	2.48"	70 PSI	-	5.50 lbs.	8"	130'
SXD250	2-1/2"	3.01"	60 PSI	-	7.00 lbs.	6"	130'
SXD300	3"	3.50"	45 PSI	-	9.00 lbs.	4"	130'

TUBE: FDA, 3-A, USP Class VI silicone - Platinum cured **COVER:** White translucent (colors avail.)

REINFORCEMENT: Four ply, polyester fabric

TEMP. RANGE: -100 to 395° F

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Max. Length
SDB050	1/2"	.94"	150 PSI	2.5"	-	50'
SDB075	3/4"	1.25"	190 PSI	3.0"	-	50'
SDB100	1"	1.47"	125 PSI	3.5"	-	50'

TUBE: FDA, 3-A, USP Class VI silicone - Platinum cured

REINFORCEMENT: Double ply, polyester braid

COVER: Solid white

TEMP. RANGE: -100 to 395° F

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Max. Length
SSD025	1/4"	.52"	135 PSI	1.5"	-	50'
SSD037	3/8"	.66"	100 PSI	2.0"	-	50'
SSD050	1/2"	.80"	80 PSI	2.0"	-	50'
SSD062	5/8"	.97"	60 PSI	2.5"	-	50'
SSD075	3/4"	1.10"	50 PSI	-	-	50'
SSD100	1"	1.36"	45 PSI	-	-	50'

TUBE: FDA, 3-A, USP Class VI silicone - Platinum cured

REINFORCEMENT: Single ply, polyester braid

COVER: White translucent

TEMP. RANGE: -100 to 395° F

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

PVC Hose

CSS Wire Reinforced Tubing



Heavy-duty clear PVC hose features a steel wire reinforcement which helps prevent kinking and collapsing. This hose is suitable for milk handling and food processing applications. Compliant with 3-A, USDA, USP Class VI, and FDA standards.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CSS050	1/2"	.81"	150 PSI	2.0"	29"	.21 lbs.
CSS075	3/4"	1.13"	150 PSI	3.0"	29"	.36 lbs.
CSS100	1"	1.38"	100 PSI	4.0"	29"	.44 lbs.
CSS150	1-1/2"	1.91"	50 PSI	6.0"	29"	.58 lbs.
CSS200	2"	2.5"	50 PSI	8.0"	29"	.84 lbs.
CSS250	2-1/2"	3"	50 PSI	10.0"	29"	1.38 lbs.
CSS300	3"	3.5"	50 PSI	12.0"	29"	1.64 lbs.

TUBE: FDA, USDA, 3-A*, USP Class VI, PVC

REINFORCEMENT: Clear extrusion with steel wire helix **TEMP. RANGE:** 25 to 150° F

CBT Braid Reinforced Tubing



Flexible, crystal clear tubing reinforced with multiple polyester braids is suitable for a wide variety of food and beverage applications. Compliant with 3-A, USDA, USP Class VI, and FDA standards.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CBT050	1/2"	.81"	250 PSI	5.0"	-	.17 lbs.
CBT075	3/4"	1.13"	200 PSI	7.0"	-	.30 lbs.
CBT100	1"	1.38"	150 PSI	9.0"	-	.38 lbs.
CBT150	1-1/2"	1.91"	100 PSI	15.0"	-	.64 lbs.
CBT200	2"	2.5"	75 PSI	18.0"	-	.94 lbs.

TUBE: FDA, 3-A*, USP Class VI, PVC

REINFORCEMENT: Extrusion with polyester textile inner braid
TEMP. RANGE: 25 to 150° F

CCT Clear Tubing



Clear PVC food and beverage tubing. Works well for air lines and weak chemical and acid transfer. Applications for smaller sizes include bottling plants, beverage dispensing and laboratory tubing. Compliant with 3-A, USDA, USP Class VI, and FDA standards.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CCT050	1/2"	.81"	45 PSI	-	-	.13 lbs.
CCT075	3/4"	1.13"	40 PSI	-	-	.30 lbs.
CCT100	1"	1.38"	35 PSI	-	-	.38 lbs.
CCT150	1-1/2"	1.91"	35 PSI	-	-	.54 lbs.
CCT200	2"	2.5"	35 PSI	-	-	.96 lbs.

TUBE: FDA, 3-A*, USP Class VI, PVC

REINFORCEMENT: Clear extrusion - no reinforcement **TEMP. RANGE:** 25 to 150° F

**Need help selecting the right
hose for your application?
Call our hose specialists for assistance.**

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

How to Order Sanitary Hose Assemblies

Build Your Assembly Part Number



PSD	200	SL	200 TC	200 TC	S	180 (inches)
Hose	ID Size	Fitting Style	Size First End Connection	Size Second End Connection	Hose Sleeve Stainless	Assembly Length

Rubber

PSD	Gray Protector	025 = 1/4"
PSDW	White Protector	037 = 3/8"
GRC	Red Gladiator	050 = 1/2"
SSW	Blue Sentry	062 = 5/8"
REB	Red ExtremeFlex Bev	075 = 3/4"
REBG	Gray ExtremeFlex Bev	100 = 1"
RSD	Gray Suction & Discharge	150 = 1-1/2"
RSDR	Red Suction & Discharge	200 = 2"
RSDB	Blue Suction & Discharge	250 = 2-1/2"
RES	LT Blue Premium S & D	300 = 3"
RCR	Orange Crush Resistant	400 = 4"
RBT	Purple Beverage	600 = 6"
RWS	Red Wine & Sprints	
RCT	White Comestible	
RWD	Premium Washdown	
TRS	Green EPDM/FEP Lined	
SW630	Food Suction	

PVC

CCT	Clear Tubing
CBT	Braided Tubing
CSS	Wire Helix

Silicone

SXW	Silicone Wire Reinforced
SXD	Silicone Multi Ply Discharge
SDB	Silicone Double Braid Discharge
SSD	Silicone Single Braid Discharge

Stainless Steel Overbraid PTFE

TSC	Silicone Covered PTFE Smooth Bore
TSB	SS Braided PTFE Smooth Bore
TCB	SS Braided PTFE Convuluted

Coupler Style

Radial Crimp

End Connection

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
 TE = Tube End (Butt Weld)
 DF = Cam & Groove Female
 AM = Cam & Groove Male
 AF = Flange
 QL = Q-Line

Over all length tolerances for assemblies are:

- 1/4" on assemblies to 24"
- 1/2" on assemblies 25" to 60"
- 1% on assemblies over 60"

Build Your Custom Assembly in Just 7 Easy Steps.

- 1 Select code for hose style.
- 2 Specify hose ID.
- 3 Coupler style.
SL = radial crimp/permanent
- 4 & 5 Specify size and connection of each end fitting.
- 6 Hose sleeve material
S = Stainless Steel
- 7 Specify overall assembly length in inches.

Need help?

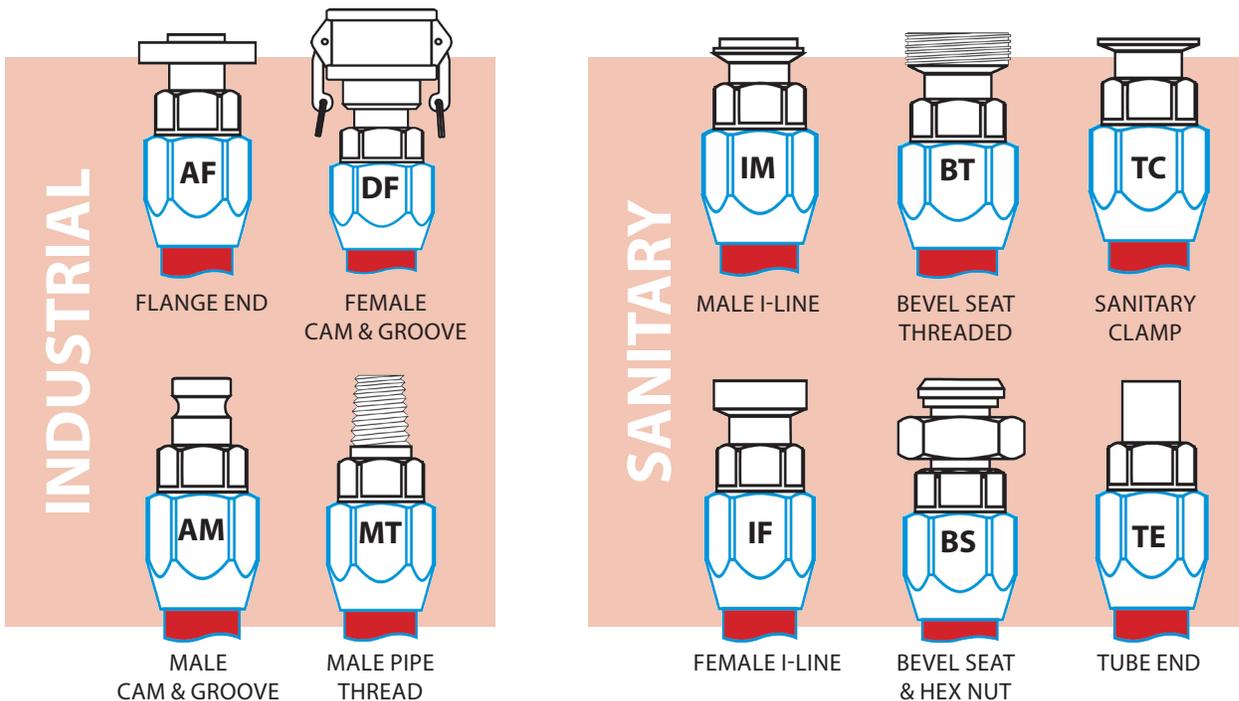
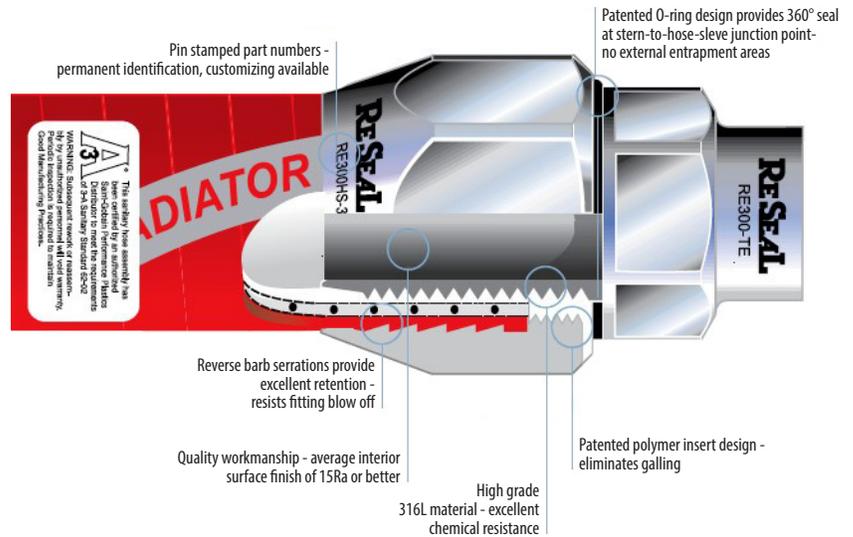
We can recommend the right hose for your application!
 Call our hose specialists for assistance.

Permanent Crimped

ReSeal™ Reusable Fittings

ReSeal fittings meet the stringent requirements of critical processing industries while being totally reusable. Whether your sanitary hose assembly needs frequent inspection, becomes kinked, is damaged in some way, or simply wears out, our ReSeal stainless steel fittings can be dismantled and reattached to a new length of hose. You'll still have to buy the new hose, but being able to reuse the ReSeal fittings can save you between 50% and 80% of the cost of a completely new assembly.

The full flow smooth bore and compression seal design of ReSeal fittings means there are no obstructions on the inner surface of the fitting - and obstructions provide the perfect breeding ground for harmful bacteria and other contaminants. The faster you can clean a sanitary fitting assembly, the sooner you can restart your operation. ReSeal fittings are designed for CIP convenience - no disassembly required. Depending on the hose applications, they are also suitable for COP, SIP and are totally autoclavable.



Rubber Hose

PSD Protector® Suction & Discharge Hose



This premium quality, remarkably versatile 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.

Colors:

PSD - Gray - all sizes

PSDW - White - 1-1/2", 2", 3" only

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
PSD050	1/2"	1.03"	150 PSI	2.0"	29"	.4 lbs.
PSD075	3/4"	1.25"	150 PSI	3.0"	29"	.56 lbs.
PSD100	1"	1.53"	150 PSI	4.0"	29"	.65 lbs.
PSD150	1-1/2"	2.16"	150 PSI	6.0"	29"	1.07 lbs.
PSDW150	1-1/2"	2.16"	150 PSI	6.0"	29"	1.07 lbs.
PSD200	2"	2.66"	150 PSI	7.0"	29"	1.43 lbs.
PSDW200	2"	2.66"	150 PSI	7.0"	29"	1.43 lbs.
PSD250	2-1/2"	3.19"	150 PSI	8.0"	29"	2.08 lbs.
PSD300	3"	3.75"	150 PSI	9.0"	29"	2.63 lbs.
PSDW300	3"	3.75"	150 PSI	9.0"	29"	2.63 lbs.
PSD400	4"	4.75"	150 PSI	12.0"	29"	3.14 lbs.
PSD600	6"	6.75"	150 PSI	36.0"	29"	5.22 lbs.

TUBE: White FDA butyl

COVER: Light gray or white EPDM

REINFORCEMENT: 2 fabric spirals with helix wire

TEMP. RANGE: -40° to 225°F continuous

APPROVALS: FDA, USDA, 3-A

SSW Sentry® Softwall Discharge Hose



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 super smooth 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.

Color: Blue

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
SSW150	1-1/2"	2.16"	250 PSI	-	-	1 lb.
SSW200	2"	2.66"	250 PSI	-	-	1.25 lbs.
SSW250	2-1/2"	3.19"	250 PSI	-	-	1.66 lbs.
SSW300	3"	3.75"	250 PSI	-	-	2.23 lbs.

TUBE: White FDA butyl

COVER: Blue EPDM

REINFORCEMENT: 2 fabric spirals

TEMP. RANGE: -40° to 225°F

APPROVALS: FDA, USDA, 3-A

GCR Gladiator® Crush Resistant Hose



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 its original shape.*

Color: Red

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
GCR150	1-1/2"	2.16"	250 PSI	5.0"	20"	1.05 lbs.
GCR200	2"	2.66"	250 PSI	7.0"	20"	1.33 lbs.
GCR250	2-1/2"	3.19"	250 PSI	12.0"	20"	1.77 lbs.
GCR300	3"	3.75"	250 PSI	18.0"	20"	2.3 lbs.
GCR400	4"	4.75"	250 PSI	36.0"	20"	2.94 lbs.

TUBE: White FDA butyl

COVER: Red EPDM

REINFORCEMENT: Multiple fabric spirals with monofilament helix

TEMP. RANGE: -40° to 225°F

APPROVALS: FDA, USDA, 3-A

Rubber hose products meet/comply with USDA Class III requirements, FDA CFR 21 177.2600, 3-A 18-03.

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

ReSeal Reusable

Rubber Hose

SW630 Food Suction Hose



This ultra-flexible food hose was designed for milk, fruit juices, soft drinks, beer, wine, pharmaceuticals, cosmetics and other non-oily food products. Smooth cover provides extreme flexibility while minimizing bacteria build-up often found in corrugated hoses. Manufactured on stainless steel mandrels for an ultra-smooth bacteria free tube that will not impart taste or odor.

Color: Gray

MHH MilkFlex™ Hose



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.

Color: White

CTL Challenger™ Teflon® Suction Discharge Hose



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.

Color: White

BRH Brewer Hose



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.

Color: Red

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
SW630-2	2"	2.64"	200 PSI	6.0"	29.9"	1.37 lbs.
SW630-3	3"	3.70"	200 PSI	9.0"	29.9"	2.23 lbs.

TUBE: White Chlorobutyl
TEMP. RANGE: -40° to 225°F

COVER: Gray EPDM
APPROVALS: FDA, USDA, 3-A, PMO

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
MHH200	2"	65 mm	90 PSI	5.0"	29"	1.35 lbs.
MHH250	2-1/2"	76 mm	90 PSI	7.0"	29"	1.68 lbs.
MHH300	3"	89 mm	90 PSI	14.0"	29"	2 lbs.

TUBE: White FDA butyl

COVER: White rubber with black and white pattern stripe

REINFORCEMENT: 2 fabric plies with double wire helix

TEMP. RANGE: -40° to 190°F continuous

APPROVALS: FDA, USDA, 3-A

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CTL050	1/2"	1.03"	150 PSI	2.0"	29"	.4 lbs.
CTL075	3/4"	1.25"	150 PSI	3.0"	29"	.56 lbs.
CTL100	1"	1.53"	150 PSI	4.0"	29"	.65 lbs.
CTL150	1-1/2"	2.16"	150 PSI	6.0"	29"	1.07 lbs.
CTL200	2"	2.66"	150 PSI	7.0"	29"	1.43 lbs.
CTL300	3"	3.75"	150 PSI	9.0"	29"	2.63 lbs.
CTL400	4"	4.75"	150 PSI	12.0"	29"	3.14 lbs.

TUBE: White FDA Teflon/FEP

COVER: White EPDM

REINFORCEMENT: 2 fabric spirals with dual helix and static wire

TEMP. RANGE: -40° to 350°F

APPROVALS: FDA, USDA, 3-A, and meets USP Class VI requirements

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
BRH100	1"	1.69"	250 PSI	4.0"	20"	.8 lbs.
BRH150	1-1/2"	2.22"	250 PSI	5.5"	20"	1.2 lbs.
BRH200	2"	2.81"	250 PSI	6.5"	20"	1.8 lbs.
BRH300	3"	4.12"	250 PSI	10.0"	20"	3.5 lbs.

TUBE: White chlorobutyl

COVER: Red EPDM

REINFORCEMENT: 1" & 1-1/2" have 4-ply fabric reinforcement, 2" & 3" have 6-ply fabric reinforcement

TEMP. RANGE: -22° to 222°F

APPROVALS: FDA, USDA, 3-A

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

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. PureGard 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.

SPD *Single Ply Discharge*



An ultra flexible single ply polyester braid reinforced silicone hose. Suitable for a variety of food, beverage, comestible, and instrumentation applications where not vacuum rating is required. Imparts no taste or odor. Suitable for CIP and SIP cleaning. Sterilizable and autoclavable. Meets FDA, 3-A* and USP Class VI Standards.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Max. Length
SPD025	1/4"	.5"	155 PSI	1.5"	-	50'
SPD37	3/8"	.66"	125 PSI	2.0"	-	100'
SPD050	1/2"	.84"	105 PSI	2.5"	-	100'
SPD062	5/8"	.94"	90 PSI	3.0"	-	100'
SPD075	3/4"	1.13"	65 PSI	3.5"	-	100'
SPD100	1"	1.38"	55 PSI	5.0"	-	50'
SPD150	1-1/2"	1.84"	45 PSI	6.0"	-	50'

TUBE: Platinum Cured

COVER: White Translucent

REINFORCEMENT: Single ply polyester braid

TEMP. RANGE: -80° to 350°F

APPROVALS: FDA, 3-A, USP Class VI silicone

FPD *Four Ply Discharge*



A four ply polyester braid reinforced silicone hose with good pressure rating and able to handle some vacuum in most sizes. Imparts no taste or odor. Suitable for CIP and SIP cleaning. Sterilizable and autoclavable. Meets FDA, 3-A* and USP Class VI Standards.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Max. Length
FPD050	1/2"	.84"	140 PSI	8.0"	29"	12'
FPD075	3/4"	1.13"	125 PSI	10.0"	25"	12'
FPD100	1"	1.38"	110 PSI	12.0"	22"	12"
FPD150	1-1/2"	1.84"	100 PSI	-	17"	12'
FPD200	2"	2.38"	75 PSI	-	14"	12'
FPD300	3"	3.38"	50 PSI	-	6"	12'

TUBE: Platinum Cured

COVER: White Translucent

REINFORCEMENT: Four ply polyester braid

TEMP. RANGE: -80° to 350°F

APPROVALS: FDA, 3-A, USP Class VI silicone

FPW *Wire Reinforced*



A multi-ply wire reinforced silicone hose with excellent bend radius, higher pressure and full vacuum ratings. An excellent choice for applications requiring a silicone hose that will handle both pressure and vacuum. Imparts not taste or odor. Suitable for CIP and SIP cleaning. Sterilizable and autoclavable. Meets FDA, 3-A* and USP Class VI Standards.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Max. Length
FPW050	1/2"	.84"	200 PSI	2.5"	29"	12'
FPW075	3/4"	1.13"	200 PSI	3.5"	29"	12'
FPW100	1"	1.38"	200 PSI	5.0"	29"	12'
FPW150	1-1/2"	1.84"	200 PSI	8.0"	29"	12'
FPW200	2"	2.38"	175 PSI	11.0"	29"	12'
FPW250	2-1/2"	2.84"	175 PSI	13.0"	29"	12'
FPW300	3"	3.38"	150 PSI	17.0"	29"	12'
FPW400	4"	4.38"	100 PSI	20.0"	29"	12'

TUBE: Platinum Cured

COVER: White Translucent

REINFORCEMENT: Four ply polyester braid with stainless steel wire helix wire

TEMP. RANGE: -80° to 350°F

APPROVALS: FDA, 3-A, USP Class VI silicone

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

PVC Hose

CSC *Clear Helix*



Top quality clear PVC hose, reinforced with either a clear (CSC) or white (CSW) helix rod. Suitable for transfer of potable water, beer, wine, juice, milk, and dairy products. Often used on milk tanker trucks—for very cold weather applications we recommend our MLT or MHH hose.

CSW *White Helix*



Top quality clear PVC hose, reinforced with either a clear (CSC) or white (CSW) helix rod. Suitable for transfer of potable water, beer, wine, juice, milk, and dairy products. Often used on milk tanker trucks—for very cold weather applications we recommend our MLT or MHH hose.

MLT *Suction & Discharge Hose*



The ideal “cold weather hose!” MLT 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.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CSC100	1"	1.22"	100 PSI	3.0"	29"	.24 lbs.
CSC150	1-1/2"	1.81"	85 PSI	6.0"	29"	.5 lbs.
CSC200	2"	2.34"	75 PSI	8.0"	29"	.71 lbs.
CSC250	2-1/2"	2.94"	65 PSI	10.0"	29"	.94 lbs.
CSC300	3"	3.44"	65 PSI	12.0"	29"	1.14 lbs.
CSC400	4"	4.53"	55 PSI	16.0"	29"	1.91 lbs.

APPROVALS: FDA, USDA, 3-A,

TEMP. RANGE: 20°F to 140°F

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CSW100	1"	1.22"	100 PSI	3.0"	29"	.24 lbs.
CSW150	1-1/2"	1.81"	85 PSI	6.0"	29"	.5 lbs.
CSW200	2"	2.34"	75 PSI	8.0"	29"	.71 lbs.
CSW250	2-1/2"	2.94"	65 PSI	10.0"	29"	.94 lbs.
CSW300	3"	3.44"	65 PSI	12.0"	29"	1.14 lbs.
CSW400	4"	4.53"	55 PSI	16.0"	29"	1.91 lbs.

APPROVALS: FDA, USDA, 3-A,

TEMP. RANGE: 20°F to 140°F

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
MLT200	2"	2.33"	75 PSI	5.0"	28"	.65 lbs.
MLT250	2-1/2"	2.87"	55 PSI	8.0"	28"	.84 lbs.
MLT300	3"	3.42"	55 PSI	10.0"	28"	1.20 lbs.

APPROVALS: FDA, USDA, 3-A

TEMP. RANGE: -40°F to 150°F

ReSeal Reusable



Hose available in bulk or with ReSeal fittings for CIP cleanable assemblies

*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

PVC Tubing

CCT *Clear Tubing*



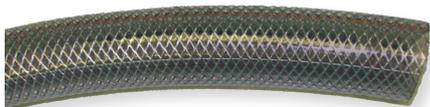
Clear PVC food and beverage tubing. Works well for air lines and weak chemical and acid transfer. Applications for smaller sizes include bottling plants, beverage dispensing and laboratory tubing.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CCT050	1/2"	.81"	45 PSI	-	-	.13 lbs.
CCT075	3/4"	1.13"	35 PSI	-	-	.38 lbs.
CCT100	1"	1.38"	35 PSI	-	-	.43 lbs.
CCT150	1-1/2"	1.91"	35 PSI	-	-	.54 lbs.
CCT200	2"	2.5"	35 PSI	-	-	.96 lbs.

APPROVALS: FDA, USDA, 3-A

TEMP. RANGE: 20 to 140° F

CBT *Braid Reinforced Tubing*



Flexible, crystal clear tubing reinforced with multiple polyester braids is suitable for a wide variety of food and beverage applications.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CBT050	1/2"	.81"	250 PSI	5.0"	-	.17 lbs.
CBT075	3/4"	1.13"	200 PSI	7.0"	-	.3 lbs.
CBT100	1"	1.38"	150 PSI	9.0"	-	.38 lbs.
CBT150	1-1/2"	1.91"	100 PSI	15.0"	-	.64 lbs.
CBT200	2"	2.5"	75 PSI	18.0"	-	.94 lbs.

APPROVALS: FDA, USDA, 3-A

TEMP. RANGE: 20 to 140° F

CSS *Wire Helix Tubing*



Heavy duty clear PVC hose features a steel wire reinforcement which helps prevent kinking and collapsing. This hose is suitable for milk handling and food processing applications.

Model	I.D.	O.D.	Working Pressure	Min. Bend Radius	Vacuum in HG.	Weight Per Ft.
CSS050	1/2"	.81"	150 PSI	2.0"	29"	.21 lbs.
CSS075	3/4"	1.13"	150 PSI	3.0"	29"	.36 lbs.
CSS100	1"	1.38"	100 PSI	4.0"	29"	.44 lbs.
CSS150	1-1/2"	1.91"	50 PSI	6.0"	29"	.58 lbs.
CSS200	2"	2.5"	50 PSI	8.0"	29"	.84 lbs.
CSS250	2-1/2"	3"	50 PSI	10.0"	29"	1.38 lbs.
CSS300	3"	3.5"	50 PSI	12.0"	29"	1.64 lbs.

APPROVALS: FDA, USDA, 3-A, CFIA

TEMP. RANGE: 20 to 140° F

Your Complete Source for Sanitary Hose Assemblies

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.

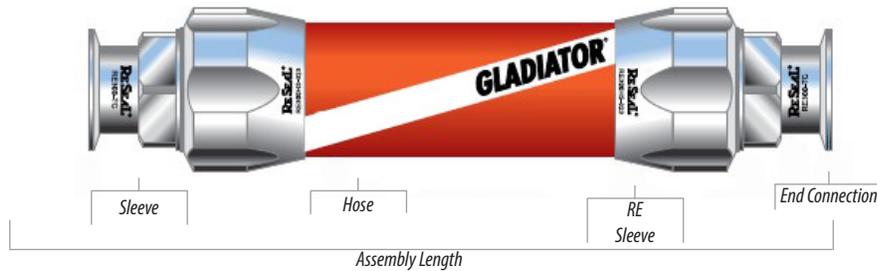


*3-A 62-02 standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings are based on ambient temperature. Working pressure and vacuum ratings will decrease as temperatures increase.

How to Order Sanitary Hose Assemblies

Build Your Assembly Part Number



Rubber

PSD	Gray Protector
PSDW	White Protector
GCR	Red Gladiator
SW630	Food Suction
SSW	Blue Sentry
CTL	White Challenger Teflon Lined
MHH	MilkFlex
BRH	Red Brewer

PVC

CSC	Clear Helix
CSW	White Helix
MLT	White Helix - Low Temp
CCT	Clear Tubing
CBT	Braided Tubing
CSS	Wire Helix

Silicone

SPD	Single Ply Discharge
FPD	Four Ply Discharge
FPW	Wire Helix Suction & Discharge

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"

Coupler Style

RE = Reusable

End Connection

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
 TE = Tube End (Butt Weld)
 DF = Cam & Groove Female
 AM = Cam & Groove Male
 AF = Flange
 QL = Q-Line

Hose Sleeve

S = Stainless
 P = Polymer

Assembly Length

Inches

Over all length tolerances for assemblies are:

- 1/4" on assemblies to 24"
- 1/2" on assemblies 25" to 60"
- 1% on assemblies over 60"

Build Your Custom Assembly in Just 7 Easy Steps.

- 1 Select code for hose style.
- 2 Specify hose ID.
- 3 Coupler style.
RE = reusable
- 4 & 5 Specify size and connection of each end fitting.
- 6 Select hose sleeve material.
Stainless or Polymer
- 7 Specify overall assembly length.

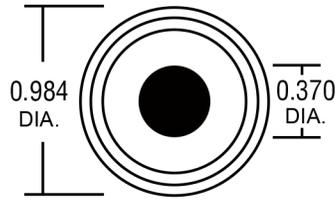
Need help?

We can recommend the right hose for your application!
 Call our hose specialists for assistance.

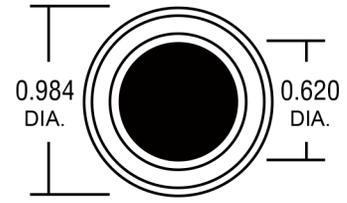
Sanitary Clamp Sizing Information

These actual-size drawings are provided for your convenience and ordering accuracy when specifying sanitary fittings.

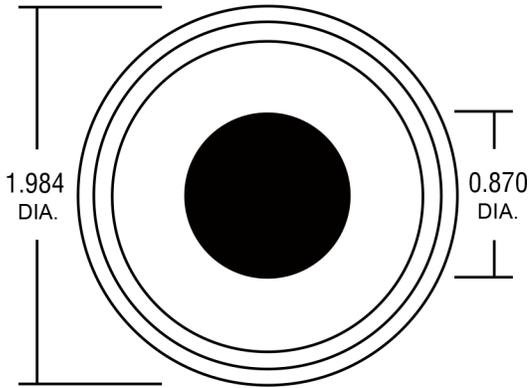
- 0.984" O.D. is the same for 1/2", 3/4" I.D. styles.
- 1.984" O.D. is the same for 1" and 1 1/2" I.D. styles.
- Varying O.D. for the 2", 2 1/2" and 4" I.D. styles.



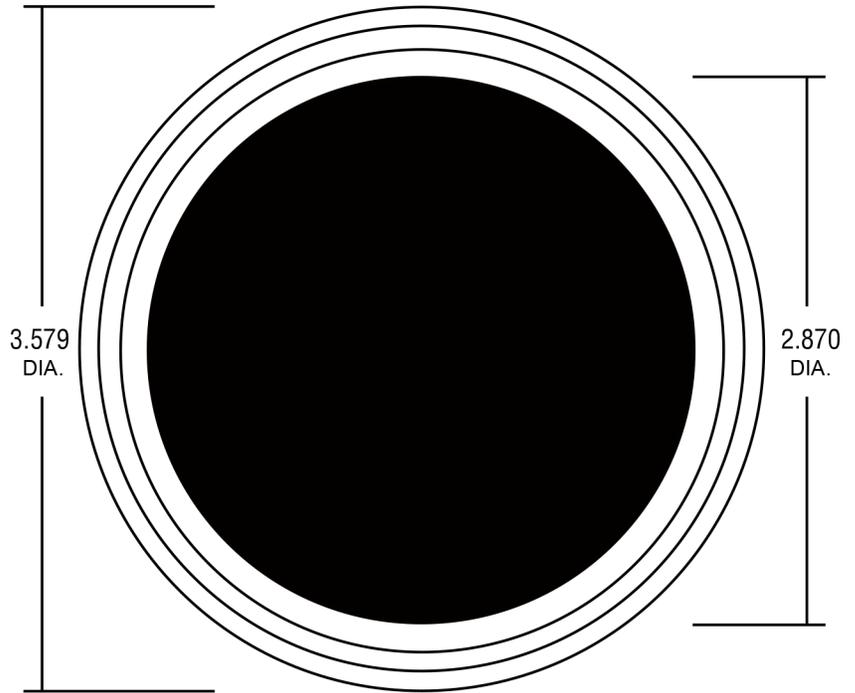
1/2" Clamp



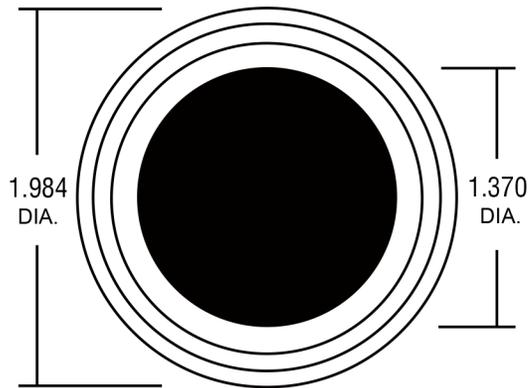
3/4" Clamp



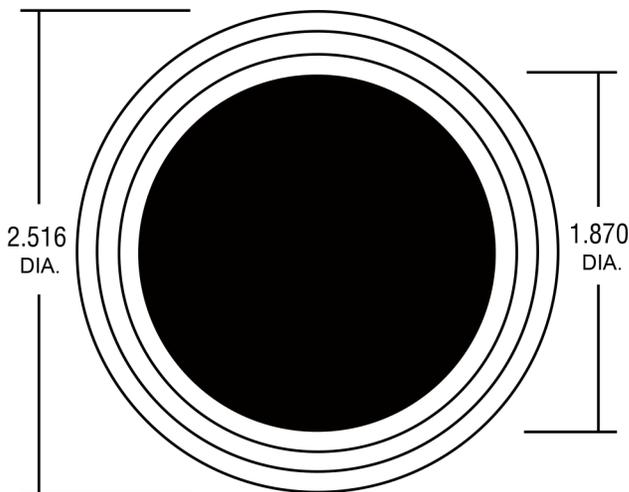
1" C clamp



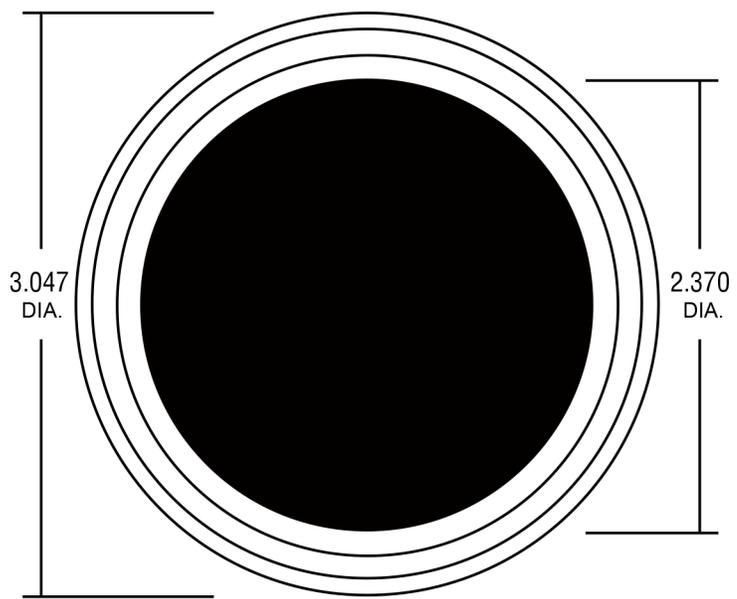
3" Clamp



1-1/2" Clamp



2" Clamp



2-1/2" Clamp

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, Inc.
2400 East Fifth Street
Marshfield, WI 54449

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Accessories

HoseGard™ Hose Supports

HoseGard Hose Supports provide protection that helps increase the service life of your hose. Their durable HDPE construction resists damage from chemical, washdown or harsh environments. The 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. The built-in handle facilitates movement, placement and carrying of the hose, while protecting workers from ergonomic-related injuries and associated costs. Designed for use on rubber hoses. Compliant with FDA 21 CFR 177.1520. Stock color is Blue but also available in Yellow.

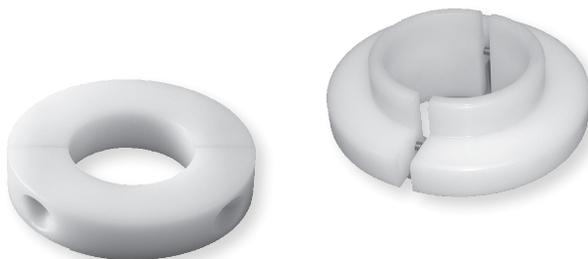
Color	Fits Hose	Support OD Diameter	Unit	Stock #
Blue	1.5" ID x 2-5/32" OD	9" OD	EA	673-1150
Blue	2" ID x 2-21/32" OD	9" OD	EA	673-1200
Blue	2.5" ID x 3-3/16" OD	9" OD	EA	673-1250
Blue	3" ID x 3-3/4" OD	9" OD	EA	673-1300
Blue	4" ID x 4-3/4" OD	9" OD	EA	673-1400



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.

Color	Fits Hose	Support OD Diameter	Unit	Stock #
Hose Supports				
White	1-1/2" ID x 2-5/23" OD	5" OD	EA	692-2431
White	2" ID x 2-21/32" OD	5-1/2" OD	EA	692-2432
White	2-1/2" ID x 3-6/32" OD	6" OD	EA	692-2433
White	3" ID x 3-24/32" OD	7" OD	EA	692-2434
White	4" ID x 4-24/32" OD	8-1/2" OD	EA	692-2435
Hose Supports with 1" Lip				
White	2-1/2" ID x 3-6/32" OD	6" OD	EA	692-2441
White	3" ID x 3-24/32" OD	7" OD	EA	692-2442
White	4" ID x 4-24/32" OD	8-1/2" OD	EA	692-2443



Accessories



1-800-826-8302 • nelsonjameson.com