

MICROCHEM®
by AlphaTec™

1800

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MICROCHEM® by AlphaTec™ 1800 provides the wearer with entry level, low hazard liquid and particulate protection. Ideal for a wide range of general industrial applications.

Features & Benefits

Protection - Low hazard liquid spray, splash and particle protection

Comfort - Moisture vapor permeable ('breathable') to help reduce the risk of heat stress

Silicone Free - Critical in spray painting applications

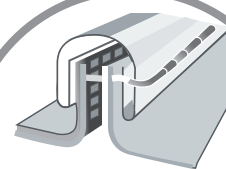
Low linting - Reduces the risk of fiber contamination in some critical areas

Optimized body fit - Improves wearer comfort and safety

Anti-static - Tested according to AATCC 76

Applications

- General Maintenance
- Paint Spraying
- Powder Handling
- Food



Bound Seams

Superior strength, liquid and particle barrier

Protection Levels & Additional Properties



TYPE 5



TYPE 6



EN 1149-5
AATCC 76

CAUTION: This product contains natural rubber latex which may cause allergic reactions.

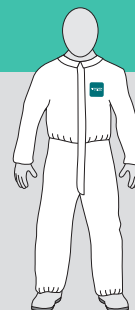
Style 68-1800

Suit Features

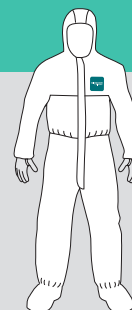
- Collar (Model 103)
- 3 piece hood (Model 111)
- 3 piece hood & attached anti-skid boots (SureStep sole) (Model 107)
- 2-way front zipper with re-sealable storm flap
- Elasticated wrists, waist and ankles

Sizes: S-5XL (02-09)

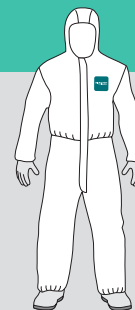
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[Model 103]



[Model 107]

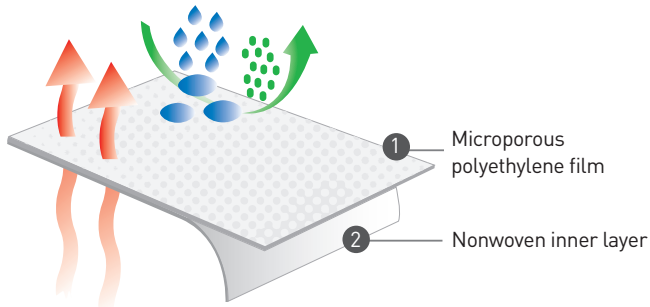


[Model 111]

CATALOG #: Model 103: **WH18-B-92-103** | Model 107: **WH18-B-92-107** | Model 111: **WH18-B-92-111**


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Technical Data



1800 is a lightweight, breathable material and so is particularly suited to warmer working environments.

Fabric Physical Properties	Test Method	Units	Results	** Whole suit particle inward leakage testing performed with self-adhesive tape sealing the full face respirator, gloves and boots to the coverall and additional tape applied over the zipper flap. Particle size range of 0.02-2 microns with a mass median of 0.6 microns. Data for model 111 coveralls. Result for other models may vary. Please contact the Ansell technical team for information on a specific model at customerserviceus@ansell.com
Tensile strength (MD)	ASTM D5034	lbs	17.66	
Tensile strength (CD)			24.44	
Tear resistance (MD)	ASTM D5733	lbs	7.2	
Tear resistance (CD)			12.4	
Burst strength	ASTM D3787	lbs	21	
Flame spread	16 CFR §1610	sec	17.3	
		(class)	(1)	
Barrier Properties	Test Method	Units	Results	
Fabric Hydrohead (Resistance to water penetration)	AATCC 127	cm H ₂ O	119.5	
Whole suit particle inward leakage**	ISO 13982-2	% TIL	1.7	
Comfort Properties	Test Method	Units	Results	
Moisture vapor transmission	ASTM E96, Method B	g/m ² /24 hr	709	

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