



## ChemSplash® 1

ChemSplash® 1 provides chemical splash barrier protection against toxic industrial chemicals. It is designed with breathable fabric for wearer comfort.

This product is constructed with a proprietary hybrid membrane fabric that helps the wearer stay cool to avoid the risk and discomfort associated with heat stress. Recommended applications include manufacturing, emergency response, environmental cleanup, and other situations that have the threat of chemical splash.

### Available Garments | Ends in "YS": serged seams (no red tape). Ends in "YT": taped seams

ChemSplash® 1 is available in taped and serged seam styles. Taped seams improve protection over coveralls made with serged seams, while serged seamed garments are more economical. A contrasting red stripe of tape helps to quickly distinguish taped seam garments from those made with serged seams.



#### Coverall with Elastic Wrists, & Open Ankles

#7012YT Taped Seams Sizes: Small - 4XL 6 per case	#7012YS Serged Seams Sizes: Small - 4XL 12 per case
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#### Coverall with Attached Hood & Boots, Elastic Wrists

#7019YT Taped Seams Sizes: Small - 4XL 6 per case	#7019YS Serged Seams Sizes: Small - 4XL 12 per case
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#### Sleeves, 18" Length

#7065YT Taped Seams 100 pairs per case	#7065YS Serged Seams 100 pairs per case
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#### Coverall with Elastic Wrists & Ankles

#7013YT  
Taped Seams  
Sizes: Small - 4XL  
6 per case



#### Coverall with Attached Hood, Elastic Wrists & Ankles

#7015YT Taped Seams Sizes: Small - 4XL 6 per case	#7015YS Serged Seams Sizes: Small - 4XL 12 per case
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#### Bib-Style Apron, 28" x 46"

#702846Y  
100 per case

## Physical Properties

TEST CONDUCTED	TEST METHOD	TEST RESULT
Tensile Strength – Machine Direction	ISO 13934-1	48.3 N
Trapezoidal Tear – Cross Direction	ISO 9073-4	108.1 N
Bursting Strength – Machine Direction	ISO 13938-1	40.7 pa
Puncture – Cross Direction	EN 863	6.95 N
Antistatic	EN 1149-1	< 5x10 <sup>9</sup> ohm
Abrasion Resistance	EN 530	Class 2 ( > 100 cycles )
Hydrostatic Resistance	ISO 811	226 cm
Moisture Vapor Transmission Rate	ASTM E96	> 3000 gm/m <sup>2</sup> /24hr

## Agent Testing

AGENT	TEST METHOD	PENETRATION	REPELLENCY
n-Heptane 99%	ISO 6530 / EN 368	Class 3	Class 1
Dichloromethane 99.9%	ISO 6530 / EN 368	Class 3	Class 1
Toluene 99.9%	ISO 6530 / EN 368	Class 3	Class 1
Isopropanol 99.5%	ISO 6530 / EN 368	Class 3	Class 2
Sodium Hydroxide 50%	ISO 6530 / EN 368	Class 3	Class 3
Hydrochloric Acid 36-37%	ISO 6530 / EN 368	Class 3	Class 3
Hydrofluoric Acid 48-50%	ISO 6530 / EN 368	Class 3	Class 3
JP8 Jet Fuel	ISO 6530 / EN 368	Class 3	Class 2
Sulphuric Acid 96%	ISO 6530 / EN 368	Class 3	Class 3
Synthetic Blood	ASTM 1670		Pass

## Category III

Products which are worn or held in order to protect against any hazard which may be harmful and life threatening.

### TYPE 5 BS EN ISO 13982-1: 2004

Dry particle suits – Suits for protection against hazardous dusts and any dry particles.

### Anti-static EN 1149-1

Maximum surface resistivity of 5x10<sup>10</sup> ohms.

### TYPE 6 BS EN 13034: 2005

Reduced spray suits – Suits for protection against light spray and splashes of liquid chemicals where there is no directional spray or buildup of liquid on the suit, but there may be a fine mist of droplets in the atmosphere.

### EN 1149-5: 2008

Protective Clothing - Electrostatic Properties for Surface Resistivity; material and design requirements for electrostatic dissipative protective clothing; garments that protect against electrostatic discharge in explosion risk environments.