INTERNATIONAL ENVIRO GUARD

ChemSplash® 1

Chemical splash protective clothing

ChemSplash® 1 Web Page

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

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

Sleeves, 18" Length

#7065YT
Taped Seams
100 pairs per case

#7065YS
Serged Seams
100 pairs per case

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

Bib-Style Apron, 28" x 46"

#702846Y
100 per case

(800) 345-5972

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Mesquite, Texas 75149

int-enviroguard.com

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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
Anti-static	EN 1149-1	< $5x10^9$ ohm
Abrasion Resistance	EN 530	Class 2 (> 100 cycles)
Hydrostatic Resistance	ISO 811	226 cm
Moisture Vapor Transmission Rate	ASTM E96	> 3000 gm/m²/24hr

Agent Testing

AGENT	CAS NUMBER	TEST METHOD	PENETRATION	REPELLENCY
n-Heptane 99%	142-82-5	ISO 6530 / EN 368	Class 3	Class 1
Dichloromethane 99.9%	75-09-2	ISO 6530 / EN 368	Class 3	Class 1
Toluene 99.9%	108-88-3	ISO 6530 / EN 368	Class 3	Class 1
Isopropanol 99.5%	67-63-0	ISO 6530 / EN 368	Class 3	Class 2
Sodium Hydroxide 50%	1310-73-2	ISO 6530 / EN 368	Class 3	Class 3
Hydrochloric Acid 36-37%	7647-01-0	ISO 6530 / EN 368	Class 3	Class 3
Hydrofluoric Acid 48-50%	7664-39-3	ISO 6530 / EN 368	Class 3	Class 3
JP8 Jet Fuel		ISO 6530 / EN 368	Class 3	Class 2
Sulfuric Acid 96%	7664-93-9	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 $5x10^{10}$ 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.

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