




Superior Chemical Splash Protection

ChemSplash® 1 provides chemical splash barrier protection against many toxic industrial chemicals. Unique hybrid membrane fabric increases worker comfort.

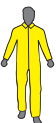
- Constructed with a proprietary hybrid membrane fabric.
- Helps the wearer stay cooler than many competitive chemical protective suits.
- Works to reduce the risk and discomfort associated with heat stress.
- Taped seams improve protection from incidental chemical splash. Contrasting red tape stripe lets you quickly distinguish this taped seam garment from coveralls made with only serged seams.
- Recommended applications include manufacturing, emergency response, environmental cleanup and other situations that have the threat of chemical splash.


Available Garments

YT: Taped seams YS: Serged seams

 **Coverall with elastic wrists and open ankles**
#7012YT #7012YS
6 per case 12 per case

 **Coverall with attached hood, elastic wrists and ankles**
#7015YT #7015YS
6 per case 12 per case

 **Coverall with elastic wrists and ankles**
#7013YT #7013YS
6 per case 12 per case

 **Coverall with attached hood and boot, elastic wrists**
#7019YT #7019YS
6 per case 12 per case

 **Sleeves, 18" length**
#7065YT 100 pairs
#7065YS per case

 **Bib-style apron, 28" x 46"**
#702846Y 100 per case



- High moisture vapor transmission rate means cooler chemical protection versus competitive chemical suits.
- Proven protection for a wide range of industrial chemicals. See test results on back.

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	Passed (< 5x10 ⁹ ohm)
Flammability	EN 1146	Passed
Abrasion resistance	EN 530	Class 2 (> 100 cycles)
Anti Chemical penetration	EN 374-3	Passed
Hydrostatic resistance	ISO 811	226 cm
Moisture Vapor Transmission Rate	ASTM E96	> 3000 gm/m ² /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 F1670		Pass

Whole Suit Testing

		TEST METHOD	RESULTS
Type 4	Spray Test	DN14605:2005+EN468	Pass
Type 5	EN ISO 13982-1:2004	EN ISO 13982-2:2004	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 5x10¹⁰ 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.



INTERNATIONAL
**ENVIRO
GUARD**