



ViroGuard®
Brand Page



ViroGuard®
Abrasion Resistance
Demo Video

ViroGuard®

ViroGuard® offers protection against blood, blood-borne pathogens, and hazardous liquids.

This protective apparel offers breathability while still providing a barrier to many dangerous liquids and particulates. Fabric passes ASTM F1670 and F1671 tests for protection against blood, bodily fluids, and blood-borne pathogens. A combination of seamless shoulder areas, a wide gusseted crotch, and an elastic back allow for freedom of movement with better tear resistance.

Available Garments



**Blue Coverall with
Attached Hood
& Boots, Storm Flap
Zipper Cover**

#2404
Small - 5X
25 per case



**Blue Coverall with
Hood Only, Elastic
Wrists & Ankles, Storm
Flap Zipper Cover**

#2407
Small - 5X
25 per case

Physical Properties

TEST CONDUCTED	TEST METHOD	RESULTS
Tensile Strength - Machine Direction	ASTM D5034	46 lbs
Tensile Strength - Cross Direction	ASTM D5034	79.1 lbs
Trapezoidal Tear - Machine Direction	ASTM D5587	13.2 lbs
Trapezoidal Tear - Cross Direction	ASTM D5587	5.4 lbs
Elongation - Machine Direction	ASTM D5034	19.90%
Elongation - Cross Direction	ASTM D5034	154.20%
Mullen Burst	Method D3786	33.6 psi

Agent Testing

AGENT	TEST METHOD	TEST TIME	TEST RESULTS
Carbon Disulfide (99%)	ASTM F 903	> 60 minutes	Pass
Dichloromethane (99%)	ASTM F 903	> 60 minutes	Pass
N-Hexane (99%)	ASTM F 903	> 60 minutes	Pass
Sodium Hydroxide (50%)	ASTM F 903	> 60 minutes	Pass
Sodium Hypochlorite (6%) (Household Bleach)	ASTM F 903	> 60 minutes	Pass
Sulfuric Acid (97%)	ASTM F 903	> 60 minutes	Pass
Tetrahydrofuran (99%)	ASTM F 903	> 60 minutes	Pass

BARRIER PROPERTIES	TEST METHOD	RESULTS
Hydrohead	AATCC-127	255.2 cm
Blood Penetration	ASTM F1670	PASS
Bloodborne Pathogens	ASTM F1671	PASS

Benefits



Superior Fabric

Fabric passes ASTM F1670 and F1671 tests for protection against blood, bodily fluids, and blood-borne pathogens.



High MVTR

Fabric helps prevent heat stress with enhanced moisture vapor transmission. This allows heat and vapor to escape the suit so it isn't trapped near the body's core.



Seamless Shoulders

Seamless shoulder areas allow for less rip outs and more movement.



Gusseted Crotch

A wider, gusseted crotch gives the wearer more room to move, bend, and crouch in all directions without ripping fabric.



Tear- & Abrasion-Resistant

Tear and abrasion-resistant fabric protects against scrapes and scratches.



Storm Flap Zipper Cover

All garments come with a storm flap over the zipper to help prevent liquids and other contaminants from entering through exposed zipper seams.



Versatile Use

Possible applications include emergency response, category 3 black water, tank cleaning, crime scene remediation, animal research, and more.