



## 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.



**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.