



MicroGuard MP®  
Brand Page



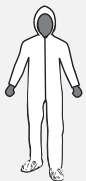
MicroGuard MP®  
Liquid Holdout  
Demo Video

## MicroGuard MP®

State-of-the-art lamination technology delivers a microporous garment with a superior particle and liquid splash barrier.

Seamless shoulder areas provide significantly more room to freely move the arms and shoulders without ripping or tearing. Elastic backing stretches for more comfort and tear-resistance while a gusseted, reinforced crotch provides more room to move, squat, or crouch in all directions without ripping or tearing.

### Available Garments



**Coverall with Attached Hood & Boots**

**#8019**  
Size: Small - 5XL  
25 per case



**Coverall with Attached Hood Only, Elastic Wrists & Ankles**

**#8015**  
Size: Small - 6XL  
25 per case



**Coverall with Elastic Wrists & Ankles**

**#8013**  
Size: Medium - 5XL  
25 per case



**Coverall with Elastic Wrists & Open Ankles**

**#8012**  
Size: Small - 5XL  
25 per case



**Lab Coat, No Pockets**

**#8046**  
Size: Medium - 4XL  
30 per case



**White Frock, No Pockets, Elastic Wrists**

**#8048**  
Size: Medium - 5XL  
30 per case



**Apron, 28" by 46"**

**#802448**  
Size: Universal  
100 per case



**Pants with Elastic Waist, No Pockets**

**#8200**  
Size: Medium - 4XL  
50 per case



**Hood With Elastic Face, Shoulder Length**

**#8002**  
Size: Universal  
100 per case



**Sleeves, 18" Length, Elastic On Both Ends**

**#8065**  
Size: Universal  
200 per case



**Shoe Covers**

**#8101 Standard Sole**  
Size Large  
400 per case

**#8103 Non-Skid Sole**  
Size Large  
200 per case

**#8105 Non-Skid Sole**  
Size XL  
200 per case



**Boot Covers**

**#8102 Standard Sole**  
Size Large

**#8104 Non-Skid Sole**  
Size Large  
17.5" Tall with Ankle Ties

**#8106 Non-Skid Sole**  
Size XL  
18" Tall with Ankle Ties  
All styles 200 per case

### Physical Properties

TEST	METHOD	RESULT
Fabric Weight (oz/y <sup>2</sup> )	ASTM D3776	1.6
Water Resistance (Kpa)	FZ/T 01004-1991	18.8
Flat Abrasion	FZ/T 01001-1991	198
Tear Strength (N/5cm)	ASTM D2261-1996	Sample cut horizontally, normal testing cannot be done. Woof: 8.6
Dry Particle Filtration Efficiency	ASTM F 2299	No Particle Penetration
Wet Particle Filtration Efficiency	ASTM F 2299	No Particle Penetration

### Liquid & Chemical Testing

TEST	METHOD	RESULT
Bleach 5%	ASTM T903	Pass
Hydraulic Jack Oil	ASTM T903	Pass
Isocyanate Based Paint Hardener	ASTM T903	Pass
Motor Oil	ASTM T903	Pass
Sodium Hydroxide	ASTM T903	Pass
Mineral Oil	ASTM T903	Pass
Blood	ASTM 1670-07	Pass

### Vending Machine Packs "Vend Packs"



**Coverall with Attached Hood Only, Elastic Wrists & Ankles**

**#8015VPK**  
Size: Medium - 6XL  
25 per case  
Individually Packaged  
Vacuum-Sealed

Package Dimensions: 7.5" W x 10" H



### BS EN 1149-1:2006 Surface Resistivity

BS EN 1149-1:2006 Protective clothing. Electrostatic properties- Test method for measurement of surface resistivity.  
**Surface resistance= 1.2 x 10<sup>9</sup> Ω**

TEST	METHOD	RESULT
Air Permeability (cfm)	ASTM D737	<0.55
Burst Strength (lbs)	ASTM D3787	20
Tensile Strength (lbs) Machine Direction	ASTM D5034	23.2
Tensile Strength (lbs) Cross Direction	ASTM D5034	18.1
Tensile Strength (lbs) Trapezoidal - Machine Direction	ASTM D1117	9.76
Tensile Strength (lbs) Trapezoidal - Cross Direction	ASTM D1117	4.97