

# MicroGuard MP™ Clothing



MicroGuard MP™ is for use in, but not limited to,\*

- Handling and applying granular powder or dust pesticides
- Fiberglass manufacturing and installation
- Industrial, research, and clinical facilities
- Pharmaceutical and food processing
- Woodworking and furniture manufacturing
- Construction, and asbestos abatement sites

\*As always, it is the user's responsibility to determine the proper protective apparel required for each application, since conditions of use are outside our control.



**Let's Go Green** - Garment Recovery Systems will provide a pickup recycle solution for your used MicroGuard garments.



MicroGuard MP™ utilizes state-of-the-art lamination technology to combine a soft non-woven fabric with a microporous film. This technology allows us to offer a fabric with superior liquid barrier, better particulate barrier, stronger tear resistance, and lower lint than other fabrics. An excellent alternative to TYVEK®, KleenGuard® XP, and MicroMax, this newest line of quality garments offers superior worker comfort yet it is also strong and durable.

**INTERNATIONAL  
ENVIROGUARD**

[int-enviroguard.com](http://int-enviroguard.com)

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2400 SKYLINE DR. SUITE 400  
MESQUITE, TX 75149  
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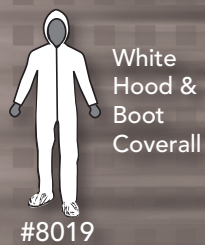


PHYSICAL PROPERTIES					
Property	Unit	Microguard MP™ Result	KleenGuard® XP Result	TYVEK®	Method
MD Tensile Strength	lbf/in	31.5	30.6	24	ASTM D5034
CD Tensile Strength	lbf/in	17.3	21.4	17.5	ASTM D5034
MD Elongation	%	85	72	31	ASTM D5034
CD Elongation	%	102	89	23	ASTM D5034
MD Tear strength	lbf/in	13.0	11.0	6.2	INDA IST 100.2
CD Tear strength	lbf/in	7.1	7.2	5.2	INDA IST 100.2
Hydrohead	cmHO	171	187	112	AATCC 127
Flammability		Class 1	Class 1	Class 1	CPSC 1610

Test	Method	Result
Fabric Weight (g/m²)	GB/T 4669-1995	60.2
Water Vapor Transmission (g/m² 24h)	GB/T 12074-1991	3200
Water Resistance (Kpa)	FZ/T 01004-1991	18.8
Flat Abrasion	FZ/T 01001-1991	198
Breaking Strength (N/5cm)	GB/T 3923.1-1997	Radial: 70 / Woof: 50
Elongation at Break (%)	GB/T 3923.1-1997	Radial: 60 / Woof: 50
Tear Strength (N/5cm)	ASTM D2261-1996	sample cut by horizontal side, normal testing cannot be done. Woof: 8.6
Electric Charge Density (uC/m²)	GB/T 5455-1997	6.5
Flammability	GB/T 4744-1997	Melt-down
Dry particle Filtration Efficiency		No Particle Penetration
Wet Particle Filtration Efficiency		No Particle Penetration

Liquid and Chemical Resistance		
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

## AVAILABLE GARMENTS



REV02012010



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