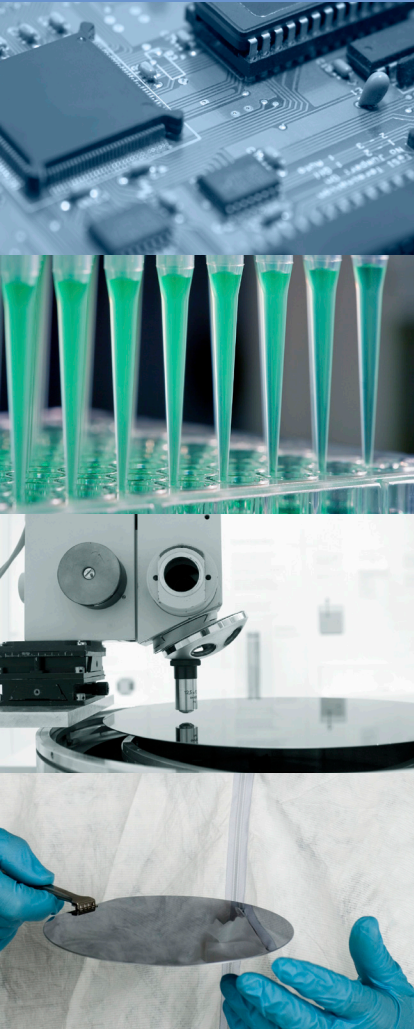


**ENVIROGUARD™**

**MicroGuard CE™**

**CONTROLLED ENVIRONMENTS APPAREL**



**MicroGuard CE™** 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, more breathability and lower lint than other fabrics. This newest line of quality garments offers superior worker comfort yet it is also strong and durable.

**INTERNATIONAL**  
**ENVIROGUARD™**  
**www.int-enviroguard.com**

2400 SKYLINE DR.SUITE 400  
MESQUITE, TX 75149  
**1-800-345-5972**



**Let's Go Green**

Garment Recovery Systems will provide a pickup recycle solution for your used MicroGuard garments. Call 800-345-5972 for more informations.

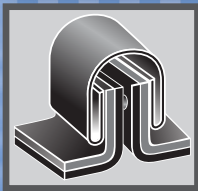
## **KEY BENEFITS**

- Extreme low linting
- Recyclable
- More Breathable
- Liquid barrier
- Economical



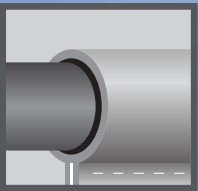
PHYSICAL PROPERTIES			
Property	Unit	Microguard CE™ Result	Method
MD Tensile Strength	lbf/in	31.5	ASTM D5034
CD Tensile Strength	lbf/in	17.3	ASTM D5034
MD Elongation	%	85	ASTM D5034
CD Elongation	%	102	ASTM D5034
MD Tear strength	lbf/in	13.0	INDA IST 100.2
CD Tear strength	lbf/in	7.1	INDA IST 100.2
Hydrohead	cmHO	171	AATCC 127
Flammability		Class 1	CPSC 1610
Water Vapor Transmission	g/m2 24h	1500	GB/T 12074-1991

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



## BOUND

A reinforced outer binding is tightly sewn to eliminate raw edges, particulate generation and to strengthen the seam.



## TUNNELIZED ELASTIC

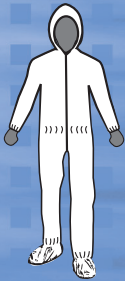
All elastic is encapsulated to provide a secure closure.

## CLEANROOM CLASSIFICATIONS

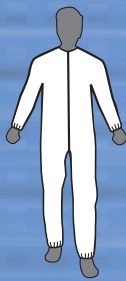
ISO Class	ISO Class Limits <sup>†</sup>	FS209 Class Limits <sup>††</sup>	MicroGuard CE™
ISO 3	35	1	
ISO 4	352	10	
ISO 5	3,520	100	Good
ISO 6	35,200	1,000	Good
ISO 7	352,000	10,000	Good
ISO 8	3,520,000	100,000	Good
ISO 9	35,200,000	—	Good

<sup>†</sup> (particles / m<sup>3</sup> of air) for particles equal to and larger than 0.5 microns  
<sup>††</sup> (particles / ft<sup>3</sup> of air) for particles equal to and larger than 0.5 microns

## AVAILABLE GARMENTS



White Coverall with attached Hood & Boots and Tunnelized Wrists & Ankles  
 Sizes: Small - 4XL  
 25 / case  
 #CE8019 - BP  
 #CE8019 - CI



White Coverall with Tunnelized Wrists & Ankles  
 Sizes: Small - 4XL  
 25 / case  
 #CE8013 - BP  
 #CE8013 - CI



White Lab Coats, No Pockets, Tunnelized Wrists  
 Sizes: Small - 4XL  
 50 / case  
 #CE8026 - BP  
 #CE8026 - CI



Shoe Covers  
 CE8101 - BP  
 CE8101 - CI  
 200 Pair /case  
 Size: Large  
 Vinyl Sole  
 CE8103 - BP  
 CE8103 - CI  
 200 Pair /case  
 Size: Large



Boot Covers  
 CE8102 - BP  
 CE8102 - CI  
 100 Pair /case  
 Size: Standard  
 Vinyl Sole  
 CE8104 - BP  
 CE8104 - CI  
 100 Pair /case  
 Size: Large



White Frocks, No Pockets, Tunnelized Wrists  
 Sizes: Small - 4XL  
 50 / case  
 #CE8046 - BP  
 #CE8046 - CI



White Full Face Hoods with Tunnelized Elastic face. Covers shoulders  
 Size: Universal  
 100 / case  
 #CE8063 - BP  
 #CE8063 - CI



White Sleeves, 21.5" Length, Tunnelized on Both Ends  
 Size: Universal  
 200 / case  
 #CE8065 - BP  
 #CE8065 - CI

XL Vinyl Sole  
 CE8105 - BP  
 CE8105 - CI  
 200 Pair /case  
 Size: XL

XL Vinyl Sole  
 CE8106 - BP  
 CE8106 - CI  
 100 Pair /case  
 Size: XL

**BP - Bulk Packaged**  
**CI - Clean Processed, Individually Packaged**

**WARNING:** Cleanroom apparel should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Cleanroom fabrics should have slip-resistant materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur.

REV02012010