

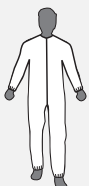


## MicroGuard CE®

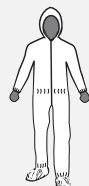
Clean-processed garments that provide superior protection against particulates and non-hazardous liquids. All garments are individually packaged to prevent cross-contamination.

MicroGuard CE® breathable fabric allows moisture vapor to escape, keeping the wearer more comfortable than many competing fabrics. Garments are designed to decrease particulate shed by combining low-linting fabric and tunnelized elastic that traps particles. Clothing offers high mobility with less rip outs and comfort over long hours.


### Available Garments



**White Coverall with Tunnelized Wrists & Ankles**  
#CE8013CI  
Sizes: Small - 4XL  
25 per case




**White Coverall with attached Hood & Boots and Tunnelized Wrists & Ankles**  
#CE8019CI  
Sizes: Small - 4XL  
25 per case



**White Frock, No Pockets, Tunnelized Wrists**  
#CE8046CI  
Sizes: Medium - 4XL  
50 per case



**White Full-Face Hood with Tunnelized Elastic Face. Covers Shoulders**  
#CE8063CI  
Size: Universal  
100 per case



**White Sleeves, 21.5" Length, Tunnelized on Both Ends**  
#CE8065CI  
Size: Universal  
200 per case



**Shoe Covers**  
Non-Skid Sole  
CE8103CI  
Size: Large  
200 each per case

Non-Skid Sole  
CE8105CI  
Size: XL  
200 each per case



**Boot Covers**  
Non-Skid Sole  
CE8104CI  
Size: Large  
200 each per case

Non-Skid Sole  
CE8106CI  
Size: XL  
200 each per case

### Cleanroom Classifications

ISO CLASS	ISO CLASS LIMITS†	FS209 CLASS LIMITS††	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

† (Particles / m3 of air) for particles equal to and larger than 0.5 microns

### 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

### Physical Testing

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

## Benefits



### Be Comfortable

Fabric is breathable providing a high moisture vapor transmission rate (MVTR), so wearers stay cool and comfortable.



### Cut Overhead Costs

With ANSI sizing and features that enhance mobility, there's less rip outs & tears. This saves costs on replacement inventory.



### Tested for Quality

All garments are tested for several industrial chemicals to ensure safety and quality.



### Move Freely

Roomy, seamless shoulder areas resists tears and an elastic back stretches with the wearer to also decrease rip outs and tears.



### Bend & Stretch with Ease

Wider, gusseted crotch gives wearer more room to move in all directions without ripping fabric.



### Anti-Static Fabric

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**