INTERNATIONAL ENVIRO GUARD

MicroGuard CE®

Clean-Processed Cleanroom Clothing



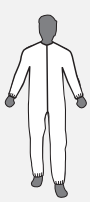
MicroGuard CE® Brand Page

MicroGuard CE®

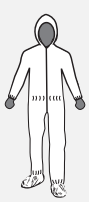
Clean-processed garments that provide superior protection against particulates and non-hazardous liquids. All garments are individually packaged to prevent cross-contamination.

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 Elastic Wrists & Ankles
#CE8013CI
Sizes: Medium - 4XL
25 per case



White Coverall with Attached Hood & Boots, Tunnelized Elastic Wrists & Ankles
#CE8019CI
Sizes: Medium - 4XL
25 per case



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



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



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



Non-Skid Shoe Covers

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

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



Non-Skid Boot Covers

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

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

(800) 345-5972

5324 S. Peachtree Rd, #150
Balch Springs, TX 75180

int-enviroguard.com

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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 / m^3 of air) for particles equal to and larger than 0.5 microns
†† (Particles / ft^3 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.

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 10^9 Ω

Product Usage Advisory
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.

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