

Cleanroom Classifications

ISO Class	FED-STD-209E	GMP EU Grade	Maximum Particles $\geq 0.5 \mu\text{m}$ (per cubic meter)	Maximum Particles $\geq 0.5 \mu\text{m}$ (per cubic foot)
ISO Class 5	Class 100	Grade A	3,520	100
ISO Class 5	Class 100	Grade B (at rest)	3,520	100
ISO Class 7	Class 10,000	Grade B (operational)	352,000	10,000
ISO Class 7	Class 10,000	Grade C (at rest)	352,000	10,000
ISO Class 8	Class 100,000	Grade C (operational)	3,520,000	100,000

Minimum Wipe Recommendations

	ISO 8 Class 100,00	ISO 7 Class 10,000	ISO 6 Class 1,000	ISO 5 Class 100	ISO 4 Class 10
Poly-Cellulose	✓	✓	✓	✓	
Polypropylene	✓	✓	✓		
Polyester Knit			✓	✓	
Polyester, Sealed Edges				✓	✓

Minimum Apparel Recommendations

	ISO 8 Class 100,00	ISO 7 Class 10,000	ISO 6 (Class 1,000)	ISO 5 (Class 100)	ISO 4 (Class 10)
Beard Cover	✓	✓	✓	✓	✓
Face Mask				✓	✓
Booties			✓	✓	✓
Coverall			✓	✓	✓
Gloves	✓	✓	✓	✓	✓
Hair Cover	✓	✓	✓	✓	✓
Hood				✓	✓
Lab Coat	✓	✓			

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