

# Cleanroom Classifications

Class	FED STD 209E Equivalent	Maximum concentration limits (particles/m <sup>3</sup> of air) for particles equal to and larger than the sizes listed below					
		0.1 micron	0.2 micron	0.3 micron	0.5 micron	1 micron	5 micron
ISO 1		10	2				
ISO 2		100	24	10	4		
ISO 3	1	1,000	237	102	35	8	
ISO 4	10	10,000	2,370	1,020	352	83	
ISO 5	100	100,000	23,700	10,200	3,520	832	29
ISO 6	1,000	1,000,000	237,000	102,000	35,200	8,320	293
ISO 7	10,000				352,000	83,200	2,930
ISO 8	100,000				3,520,000	832,000	29,300
ISO 9						8,320,000	293,000

# 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	✓	✓			
Sealed Edge Wipes					✓
Polyester Knit Wipes				✓	
Poly/Cellulose Wipes	✓	✓	✓		