

Product Data

**Glove, Nitrile ESD
Class 100 - 245 mm**

Code : 5100 Series



Feature	Application
Ambidextrous- able to fit either hand well	General cleaning purpose,
Anti-skid	General clean-room and industrial use.
Non-sterile and disposable	
Suitable for clean-room 100	

Raw Material		
Nitrile Compound	95.5	%
Chemical	4.5	%
Coating	Chlorinated - Clean Room Class 100	
Type	Ambidextrous	
Surface Finish	Finger Textured	
Colour	Natural	

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Physical Properties							
Spec \ Size	X-small	Small	Medium	Large	X-Large	XX-Large	XXX-Large
Total Length	245	245	245	245	245	245	245
Palm Width (+/-)	77	83	95	106	112	118	122
Weight- gram/piece (+/-0.3g)	6.5	7.2	7.8	12.6	13.2	14.2	15.3
Thickness (single wall)	Cuff		Palm			Finger Tip	
(+/- 0.02mm)	0.09		0.15			0.16	

Protein content	NA
ASTM D 5712-05	

Electrical Properties	
Surface Resistance	< 10 ⁸ Ohms

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Physical Properties				
Referenced Standard	Before Ageing			After Ageing
	Tensile (MPa)	Elongation (%)	Tensile (MPa)	Elongation (%)
ASTM Method	>14	>600	>14	>500

Cleanroom Class 100 Nitrile Specification									
Ionic Burden ($\mu\text{g}/\text{cm}^2$)									
Particle count (IES-RP-C005.2)	Anions			Cations				Non-Volatile Residue (DI water Extraction)	Silicon Oil Presence by FTIR (hexane Extraction)
	Counter per cm^2	Cl^-	NO_3^{2-}	SO_4^{2-}	Ca^{2+}	Mg^{2+}	K^+		
<700	<0.15	<0.20	<0.05	<0.2	<0.005	<0.05	<0.05	<10	Absent

Quality Assurance Standard						
Sampling Plan Used Single Normal						
Random Sampling based on ISO 2859	Characteristics	Dimension	Physical Properties	Water Tight	Visual Defect (Major)	Visual Defect (Minor)
	Inspection Level	S-2	S-2	G1	G1	G1
	AOL	4.0	4.0	1.5	2.5	4.0

Standard Packing
50g gloves stack placed into the right side of a plain bag, another 50g gloves placed into left side of the same plain bag and. The plain bag is then sealed.
The packed plain bag to be placed into another outer bag, the outer bag is also to be sealed.
10 packed outer bags to be placed into carton box with a carton linear.
Carton linear to be twist tie wrapped and carton to be sealed with transparent tape.
Outer bag and cartons to be stamped with the lot number.

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