

Product Data

**Glove, Nitrile ESD
Class 100 - 300 mm**

Code : 5100 Series



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

Technical Specification							
Spec \ Size	X-small	Small	Medium	Large	X-Large	XX-Large	XXX-Large
Total Length	300	300	300	300	300	300	300
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	

ESD Properties
< 10 ⁸ Ohms

Pro-Pack Materials Pte Ltd

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India
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China
Pro-Pack Materials (Wuxi) Co., Ltd

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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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