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Technical Datasheet

Anti-Static Powder Free 5 mil Nitrile gloves - type PLAS

Part Number	Item Description	Dimensions (mm)	Material
PLAS	Anti-Static, Non-Sterile, Powder Free, black 5 mil Nitrile gloves, Industrial grade (100pcs\box)	Small – Width=85 (Length=240) Medium – Width=95 (Length=240) Large – Width=105 (Length=240) XL – Width=115 (Length=240) 2XL – Width=123 (Length=240)	Synthetic (Nitrile) Rubber

Physical Properties	Before Aging	After Aging
Tensile Strength (MPa)	Minimum 14	Minimum 14
Elongation	Minimum 500%	Minimum 400%

Measurements	Results
Thickness	5 mil
Surface Resistivity	End-to-End Resistivity - $1.7 \times 10^9 \Omega$

- Function test (leak test) AQL 1.5
- Test Standards – Comply with Reference:
 - 1) LPD Trade Catalog of Antistatic tools
 - 2) ESD TR53-01-06: Compliance Verification of ESD protective Equipment and Materials, ESD Association (USA)
 - 3) ASTM D-257-78: electrical resistance measurement methods of insulating materials
 - 4) CENELEC/TR 50404-2003: Electrostatics - Code of practice for the avoidance of hazards due to static electricity
 - 5) IEC 60079-32-2/Ed1: Explosive atmospheres – Part 32-2: Electrostatics hazards – Tests

