

PRODUCT INFORMATION

Product Description	Nitrile Glove 240mm
Product Code	5100-0083(S), 5100-0084 (M), 5100-0085 (L)
Type	9"
Colour	White
Packing	100 Pieces/Bag, 10 Bags/Carton

PRODUCT DESCRIPTION

The Nitrile Glove is developed from 100% Pure Nitrile material that offers superior tactile, puncture resistant and antistatic properties.

Nitrile Gloves are recommended for used in any cleanroom environment for protection against contamination and static charge.



PRODUCT CHARACTERISTIC

- ✓ Smooth with beaded cuff and textured fingertips.
- ✓ Tacky grip and non-slip performance allowing better hold on components.
- ✓ Non-staining and non-smudging even during prolong donning thereby ease risk of contamination to parts or components that are being handled.
- ✓ Generally high permeation resistant properties to a wide variety of solvents, acids and bases.
- ✓ High physical strength and resistant to tear.
- ✓ Textured fingertips with tapered finish for better fit.
- ✓ Without plasticizers, contain no phthalates esters, silicone oil and amide.
- ✓ Laundered with 0.2micron filtered high resistivity DI water.
- ✓ Manufactured and packed in a controlled environment

APPLICATION

Controlled environment where protection against particles and organic compounds are required.

PHYSICAL SPECIFICATION

Features	Nitrile Glove
Material	Copolymer of Acrylonitrile/ Butadiene/ Methylacrylic Acid
Parameters	
Total Length (9")	Min. 235mm
Thickness - Cuff	0.08-0.10mm
Thickness - Palm	0.10-0.12mm
Thickness - Finger	0.12-0.14mm

Typical Test Data			
Physical Specification	Tensile Strength (MPa)	Elongation at Break (%)	
	>18	>400	
ESD Specification @50-60% Humidity	Surface Resistivity (Ohm/sq)	Decay Time (Second)	Tribo Charge (Volt)
	$\leq 1 \times 10^{10}$	≤ 0.5	≤ 20

Cleanliness Specification	Specification	Unit
Liquid Particle Count (0.5-20 μ m)	<1200	count/cm ²
Flouride	<0.01	μ g/cm ²
Chloride	<0.30	μ g/cm ²
Nitrite	<0.01	μ g/cm ²
Bromide	<0.05	μ g/cm ²
Nitrate	<0.30	μ g/cm ²
Phosphate	<0.01	μ g/cm ²
Sulphate	<0.05	μ g/cm ²
Non-Volatile Residue (DI Water)	<3.00	μ g/cm ²
Air Particle Count (0.3 μ m)	<1000	count/cm ²
FTIR	No Silicone, Amide, DOP	

QUALITY ASSURANCE

The Nitrile Gloves are guaranteed to meet 2.5.0 AQL level II sampling plan per MIL-STD-150E for the following defects. Graded Nitrile Gloves are guaranteed to meet 2.5.0 AQL level II sampling plan per MIL-STD-105E for the following defects.

1. Pin holes
2. Tear
3. Stain/Lumps/Dirt/Sticky
4. Contamination noncompliance
5. Physical dimension noncompliance
6. Electrostatic property noncompliance

CUSTOMER ACKNOWLEDGEMENT

Version	Revision Date	Pro-Pack Sales PIC (Name/ Signature)	Customer Acknowledgement (Name/ Signature)
A	05 Nov 2024		