

PRODUCT SPECIFICATIONS

Ultra Clean Cleanroom Nitrile Glove

Part Number: GN-CR

Product Description

Ultra Clean 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 contaminations and static charge.



Ultra Clean Nitrile Glove
(Clean Room Grade)

Characteristics

- 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

Part Number	Description	Packing
GN-NBCR9	Ultra Clean Cleanroom Nitrile Glove Type: Class 100, 9" Size: XS/S/M/L/XL Colour: White/Blue	<ul style="list-style-type: none"> • 100 Pieces/Bag • 10 Bags/Carton
GN-NBCR12	Ultra Clean Cleanroom Nitrile Glove Type: Class 100, 12" Size: XS/S/M/L/XL Colour: White/Blue	<ul style="list-style-type: none"> • 100 Pieces/Bag • 10 Bags/Carton

Physical Specifications

Features	Nitrile Glove		
Material	Copolymer of Acrylonitrile/Butadiene/Methylacrylic Acid		
Parameters			
Total Length (9")	Min. 235mm		
Total Length (12")	Min. 285mm		
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	
Fluoride	<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	
FTIR	No Silicone, Amide, DOP		
Colour	White/Blue		
Packing	100 Pieces/Bag, 10 Bags/Carton (1000 Pieces/Carton) Vacuum-Sealed Bag, Double Bag		

Quality Assurance

Ultra Clean 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.

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