

In House Specification
12" Powder Free Cleanroom Clean Process Nitrile Gloves - CP (7.0g)

PRODUCT INFORMATION

1. Material : NBR (Nitrile Butadiene Rubber)
2. Design and Feature : Ambidextrous, straight fingers, finger-textured and beaded.
3. Color : White
4. Particle Count ($\geq 0.5 \mu$, count/cm²) (Tested in accordance to IEST-RP-CC-005.4)

Particle size of 0.5 micron & above
Max, 3500 particle/cm ²

5. Trace Elements (Tested in accordance to IEST-RP-CC-005.4)

Trace elements (symbol)	Specification Less Than (μ g/cm ²)	Typical Value (μ g/cm ²)
Flouride [F] ion	0.050	ND
Chloride [Cl] ion	0.350	0.143
Nitrite [NO ₂] ion	0.050	ND
Bromide [Br] ion	0.050	ND
Nitrate [NO ₃] ion	0.250	0.121
Phosphate [PO ₄] ion	0.050	ND
Sulphate [SO ₄] ion	0.500	0.076
Lithium [Li] ion	0.050	ND
Potassium [K] ion	0.150	0.019
Sodium [Na] ion	0.150	0.014
Ammonium [NH ₄] ion	0.150	ND
Calcium [Ca] ion	1.000	0.622
Magnesium [Mg] ion	0.150	ND

Remark: ND = < 0.001 μ g/cm²

6. Surface Resisitivity Test (Tested in accordance to ANSI ESD SP 15.1) : $10^9 - 10^{10} \Omega$ /sq
7. Triboelectric charge test, voltage(v) : ≤ 20
8. Cooper Corrosion Test : No Visible Discoloration
9. Static Decay (1000 v -100 v) : less than 3.0 sec
10. FTIR (Tested in accordance to IES - RP - CC - 005.2) : No Silicone, amide and DOP detected
11. Non-volatile residue (NVR) (Tested in accordance to IES - RP - CC - 005.4) : ≤ 30 mg/ g.

12. Dimensions (Inspection Level S2,AQL 4.0) Tested in accordance to ASTM D6319)

Glove size	Palm width (mm)ASTM Standard	Lengths (mm)
XS	70 \pm 10	300 \pm 10
S	80 \pm 10	
M	95 \pm 10	
L	110 \pm 10	
XL	120 \pm 10	

13. Thickness (Inspection Level S2,AQL 4.0) Tested in accordance to ASTM D6319)

Location of thickness measurements	Specification (mm)	Typical Value (mm)
Finger (at 13 \pm 3mm from fingertip)	Min 0.10	0.15 - 0.17
Palm (at center of palm)	Min 0.10	0.12 - 0.14
Cuff (at 25 \pm 5mm from cuff edge)	Min 0.08	0.08 - 0.10

14. Physical Properties (Inspection Level S2,AQL 4.0) Tested in accordance to ASTM D6319)


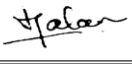
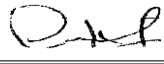


Tensile Strength (MPa)	Before aging	After aging
Specification	min. 14	min. 14

Ultimate Elongation (%)	Before aging	After aging
Specification	min. 500	min. 400

15. Glove Weight (Weight for Internal Reference only)

Glove size	Weight (gm)
XS	5.6 \pm 0.2
S	6.1 \pm 0.2
M	7.0 \pm 0.2
L	7.8 \pm 0.2
XL	8.5 \pm 0.2
XXL	9.1 \pm 0.2

16. Packaging : 100 \pm 2 pieces of gloves perpolybags.
10 or 20 polybags in shipping case
17. Certificate of Conformance : A Certificate of Release (COA) is available upon request.
18. Quality Assurance : Meet or exceed ASTM D6319 on water leak & dimension.
Manufactured under GMP, ISO 9001, ISO 13485 quality system.

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