

Technical Data Sheet



PRODUCT

Nitrile glove 5.0 g.

Product code

MNG5.0-B-(S/M/L)

PRODUCT DESCRIPTION

- Powder Free Nitrile Disposable Glove

FEATURES AND BENEFITS

- 100% Nitrile with no plasticizers
- Specially formulated to improve elasticity, and give greater comfort to the wearer, thereby reducing finger fatigue.
- Improved tactile sensitivity.
- Textured finger to enhance grip.
- Free of natural rubber latex, reducing the potential risk of Type 1 Allergies.
- Below 2 mg of particulate residue per glove.
- Beaded cuff for added strength and easier donning

APPLICATIONS

- Food Processing
- Laboratory Workings
- Electronics
- Patient Examination
- Pharmaceutical Manufacture
- Light Assembly of Oil Coated Pieces.

PRODUCT INFORMATION

Product Description	:	Powder Free Nitrile Disposable Glove
Elastomer	:	NBR
Type	:	Non Sterile
Colour	:	Blue
Surface	:	Finger Textured
Finish	:	Online Chlorine
Cuff	:	Beaded
Available Sizes	:	S / M / L
Manufacturing/QMS Audit Standards	:	ISO 9001:2015 & ISO 13485:2016
Standards & Certification	:	PPE Regulation (EU) 2016/425, EN ISO 374-1:2016+A1:2018/Type B, EN ISO 374-5:2016, EN ISO 21420:2020, Approved for contact with all type of food in accordance with Regulation (EC) No 1935/2004, EU 10/2011 BfR Recommendation XXI, ASTM D 6978-05(2019)-Gastric acid and Fentanyl.

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PRODUCT INFORMATION

Packing	:	100 gloves per dispenser & 10 dispensers per carton
Storage	:	Keep out of direct sunlight: and store in a cool and dry place. Keep away from source of ozone or ignition.
Shelf Life	:	Three (3) years from the date of manufacture (Test Method: EN 455-4:2009)

PHYSICAL PROPERTIES

	Value		Test Method
Free from Holes	G1 Inspection Level AQL 1.5-Single EU AQL 2.5-Single US (Industrial)		EN ISO 374-2:2019, EN 455-1:2020+A1:2022, ASTM D6319-19, ASTM D5151-19, Sample Plan ISO 2859-1:1999
Visual Inspection (Major)	G1 Inspection Level AQL 2.5		Sample Plan ISO 2859-1:1999
Visual Inspection (Minor)	G1 Inspection Level AQL 4.0		Sample Plan ISO 2859-1:1999
Powder Content (mg)	< 2		ASTM D6124-06(2022), EN 455-3:2015
Physical Dimension	S-2 Inspection Level AQL 4.0		Sample Plan ISO 2859-1:1999
Length (mm)	240 (min)		ASTM D3767-03(2020), ASTM D6319-19, EN 455-2:2015
Thickness (mm/mil) Single wall	Palm	0.10 ± 0.02(mm) 4 mil	ASTM D3767-03(2020), ASTM D6319-19
Physical Property	S-2 Inspection Level AQL 4.0		Sample Plan ISO 2859-1:1999
	Before Aging	After Aging	
Tensile Strength (MPa)	≥ 14.0	≥ 14.0	ASTM D412-16(2021), ASTM D573-04(2019) & ASTM D6319-19
Elongation at Break %	≥ 500	≥ 400	ASTM D412-16(2021), ASTM D573-04(2019) & ASTM D6319-19
Force at Break (N)	≥ 6.0	≥ 6.0	EN 455-2:2015

Size Palm Width (±5mm)	S	M	L	Tests methods
	85	95	108	ASTM D6319-19 ASTM D3767-03(2020)

PERFORMANCE STANDARDS

EN ISO 374-1:2016+A1:2018/TYPE B



EN ISO 374-5:2016



CE 2777

Sodium Hydroxide 40% (K)	Level 6
Hydrogen Peroxide 30% (P)	Level 2
Formaldehyde 37% (T)	Level 6

Protection against bacteria and fungi	Pass
Protection against Viruses	Pass