



2.5g Black | Blue | White Powder-Free Nitrile Gloves

Powder-Free Nitrile Gloves (ASTM) Specifications

Product Specification

Product Type	Powder-Free, Non-sterile, Single-use
Material	Nitrile Butadiene Rubber (NBR)
Color	Black, Blue, White
Gloves Size	XS, S, M, L, XL
Weight (g)	2.5 ± 0.2
Design & Features	• Not made with natural rubber latex • Ambidextrous • Finger Textured • Beaded cuff
Shelf-life	3 years from the date of manufacturing

Quality Standards

• Manufactured under ISO 9001:2015 and ISO 13485:2016 Quality Management System	
PPE	• Conforms to Personal Protective Equipment Regulation (EU) 2016/425 Category I
Food Contact	• Conforms to Federal Legislation US FDA 21 CFR 177.2600 • Conforms to Regulation (EU) No 1935/2004 (Italian D.M. 21/03/73, EC Directive 93/11/EEC & Council of Europe Resolution AP(2004)4) • *Conforms to JETRO and Korea MFDS standards

*On selected color variants.

Physical Properties

PROPERTY	ASTM D6319	
	Before Aging	After Aging
Tensile Strength (MPa)	Min 14	Min 14
Elongation at Break (%)	Min 500	Min 400
Powder Content (mg/glove)	≤ 2.0	

Physical Dimension

DIMENSIONS		STANDARDS		
		One Glove	ASTM D6319	EN455
Length (mm)		Min 240	Min 220 (XS, S), Min 230 (M, L, XL)	Min 240
Palm Width (mm)	XS	75 ± 5	70 ± 10	≤80
	S	85 ± 5	80 ± 10	80 ± 10
	M	95 ± 5	95 ± 10	95 ± 10
	L	105 ± 5	110 ± 10	110 ± 10
	XL	115 ± 5	120 ± 10	≥110

Single Wall Thickness (mm)	
Finger (13 ± 3 mm from finger tip)	Min 0.06
Palm (33 ± 5 mm from crotch)	Min 0.04
*Cuff (25 ± 5 mm from cuff edge)	Min 0.03

*For reference only.
Single Wall Thickness represents the typical thickness value measured.

Quality Assurance for Pre-Shipment Inspection

Characteristic	Dimension	Physical Properties	Freedom from Holes	Visual Defects	
				Major	Minor
Inspection Level	S2	S2	G1	G1	G1
AQL	4.0	4.0	4.0	2.5	4.0

*This pre-shipment inspection follows our standard guidelines and is subjected to change according to agreed requirements and specifications.
For further information, please contact our sales team.



One Glove Group Berhad

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