



# PRODUCT INFORMATION



## 1. Product specification

Product Number	Product Description	Surface	Material	Classification
NT45	Nitrile Powder Free Examination Gloves 4.5 g +/- 0.3	Textured	Synthetic Nitrile	Medical

Width and Length	Size	Total Length (mm.)	Width (mm.)	Weight (gm.)
Reference Standard ASTM D6319 (S2/AQL 4.0)	Small	Min 240	80 ± 10 mm	4.0 ± 0.3
	Medium	Min 240	95 ± 10 mm	4.5 ± 0.3
	Large	Min 240	110 ± 10 mm	5.0 ± 0.3
	X-Large	Min 240	120 ± 10 mm	5.5 ± 0.3

Thickness (single Wall)	Location of Thickness Measurement	Single Wall Thickness (mm)
Reference Standard ASTM D6319 (S2/AQL 4.0)	Finger (13 mm from the tip)	0.10 +/- 0.05 mm
	Palm (center of the palm)	0.11 +/- 0.05 mm
	Cuff (25 mm from the bead)	0.12 +/- 0.05 mm

Physical Properties	Characteristics	Before Ageing	After Ageing 7 day @ 70°C ± 2 hours
EN455 part 2 (S2/AQL 4.0)	Force at break (N)	Min 6	Min 6
ASTM D6319 (S2/AQL 4.0)	Tensile Strength (MPa)	Min 14	Min 14
	Elongation at Break (%)	Min 500	Min 400

Characteristics	Inspection Level & Sampling Plan	AQL & Acceptance Limit
Pinhole (water tight test)	G-1	AQL 2.5
Major Defects	G-1	AQL 2.5
Physical Properties Related Non-Conformities	S-2	AQL 4.0
Physical Dimension	13 Pcs	AQL 4.0
Surface Residual Extractable (Powder)	As per ASTM D6124 Test Method	Max 2mg/dm <sup>2</sup>
Water Extractable Protein	As per ASTM D5712 Test Method	Below 50mg/dm <sup>2</sup>

## 2. Sectors of Use:

- Dentistry and dental application
- Hospital, Laboratory, Clean Room
- Cosmetic Industry
- Health Care