

Standard Powder Free Nitrile Gloves

1. Product Description

1.1 Type	Nitrile examination glove, powder free, non sterile
1.2 Material	100% synthetic acrylonitrile butadiene rubber
1.3 Colour	Blue
1.4 Design And Feature	Ambidextrous, textured, beaded cuff
1.5 Powder	No powder lubricant added
1.6 Storage Condition	The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight
1.7 Shelf Life	The gloves shall have a shelf life of 5 years from the date of manufacture with the above storage condition
1.8 Packing Style	100pcs gloves x 10 dispenser boxes x 1 carton
1.9 Size Marking	The size of the gloves are marked in the checkbox on every carton with black ink.

2. Performance Requirements

#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.1	Dimensions	S2	4.00	ASTM D6319-00A
2.2	Physical Properties	S2	4.00	ASTM D6319-00A
2.3	Freedom From Holes	GI	1.50	--
2.4	Visual Defects Major	GI	1.50	--
	Visual Defects Minor	GI	2.50	--
	Packing Defects Regulatory	GI	**	--
2.5	Packing Defects Visual	GI	4.00	--
	Packing Defects Critical	S2	4.00	--
2.6	Powder Free Residue	N=5	--	ASTM D6319-00A ASTM D6124-06

** UNACCEPTABLE AT ANY LEVEL

3. Performance Specification
3.1 Dimensions

Description	Size	Standard
Length (mm)	All	Min 240
Palm Width (mm)	XS	76 ± 3
	S	84 ± 3
	M	94 ± 3
	L	105 ± 3
	XL	113 ± 3
Thickness (mm)	All	Finger: 0.12 ± 0.02 (typical value: 0.13 - 0.14)
		Palm: 0.10 ± 0.02 (typical value: 0.1 - 0.12)

3.2 Physical Properties

Description	Standard	
	Before Aging	After Aging
Elongation at break (%)	min 500 (typical value: 500-600)	min 400 (typical value: 400-500)
Tensile Strength (MPa)	min 14 (typical value: 14-18)	min 14 (typical value: 14-18)

3.3 Freedom from holes

The sale size and allowable number of non-conforming gloves in the samples shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section 2: Performance Requirements.

3.4 Visual defects

The sample size and allowable number of non-conforming gloves in the samples for both major and minor defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section 2: Performance Requirements.

3.5 Packaging defects

The sample size and allowable number of non-conforming gloves in the samples for both major and minor defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section 2: Performance Requirements (Gloves Counting = 100 pcs by weight per dispenser).

3.7 Powder free residue

Maximum 2mg per glove