

## PRODUCT SPECIFICATION

### Nitrile Powder Free Disposable Gloves (Textured)

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#### SECTION I: PRODUCT DESCRIPTION

1.1	Type	Nitrile Disposable Glove, <b>Powder Free</b> , Non-sterile
1.2	Material	Nitrile
1.3	Color ( Pigment )	o <b>Blue</b>
1.4	Design and Feature	Ambidextrous, <b>textured</b> , beaded cuff
1.5	Storage Condition	The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight.
1.6	Shelf-Life	The gloves shall have shelf life of 5 years from the date of manufacture with the above storage condition.
1.7	Packing Style	100 pcs gloves x 10 dispensers x 1 carton
1.8	Size Marking	The size of gloves shall be marked on the box

#### SECTION II: PERFORMANCE REQUIREMENTS

(Sampling Plan – ISO 2859 Single Normal)

#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.1	Dimensions	S2	4.0	ASTM D6319-00a <sup>e3</sup>
2.2	Physical Properties	S2	4.0	ASTM D6319-00a <sup>e3</sup>
2.3	Freedom from Holes (Air Pump Test)	GI	4.0	In-house practice
2.4 (i) (ii)	Visual Defects: Major Visual Minor Visual	GI	6.5 6.5	In-house practice
2.5 (i) (ii) (iii)	Packaging Defects: Regulatory Visual Critical (incl. Gloves Counting)	GI GI S2	** 4.0 4.0	In-house practice
2.6	Mix Size / Mix Glove / Mix Hand	Not Allowed		

\*\* Unacceptable at any level

### SECTION III: PERFORMANCE SPECIFICATION

#### 3.1 Dimensions

Description	Size	Standard
Length (mm)	All Sizes	Min 240
Palm Width (mm)	XS S M L XL	76 +/- 3 84 +/- 3 94 +/- 3 105 +/- 3 113 +/- 3
Thickness (mm) *single wall	All Sizes	Finger: 0.11 +/- 0.02(4.3mil) (Typical value: 0.10 – 0.11)  Palm: 0.08 +/- 0.02 (3.1mil) (Typical value: 0.09 – 0.10)

#### 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 – 16)	Min 14 (Typical value: 14 – 16)

#### 3.3 Freedom from holes

The sample 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 II: 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 II: Performance Requirements.

#### 3.5 Packaging Defects

The Sample size and allowable number of non-conforming in the samples for regulatory, visual and critical packaging defects shall be determined in accordance to Sampling Plan ISO 2859-1 Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements (Gloves Counting=100 pcs by weight per Dispenser).

#### 3.6 Possible Hazards Due to Use of Products

1. Transmission of disease
2. Skin irritation
3. Discomfort during using of product
4. Contamination