

## PRODUCT SPECIFICATION

### Nitrile Powderfree Examination Gloves (Finger Textured)

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#### SECTION I : PRODUCT DESCRIPTION

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|------|--------------------|--|
| 1. 1 | Type               | Nitrile Examination Glove, <b><u>Powderfree</u></b> , Non-sterile  |
| 1. 2 | Material           | 100% Synthetic Nitrile Latex   |
| 1. 3 | Color (Pigment)    | <ul style="list-style-type: none"> <li>○ <b>Blue</b></li> <li>○ <b>Black</b></li> </ul>                    |
| 1. 4 | Design and Feature | Ambidextrous, <b><u>finger textured</u></b> , 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 shelf life of 5 years from the date of manufacture with the above storage condition. |
| 1. 8 | Packing Style      | 100 pcs gloves x 10 dispensers x 1 carton  |
| 1. 9 | Size Marking       | The size of gloves shall be marked in the check box on every carton with black ink.                        |

#### 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 (Water Tight Test)	GI	2.5	FDA 1000MIL Test Method ASTM D6319-00a <sup>e3</sup>
2.4 (i) (ii)	Visual Defects: Major Visual Minor Visual	GI	1.5 2.5	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	Powderfree Residue	N=5	-	ASTM D6319-00a <sup>e3</sup> ASTM D6124-06
2.7	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	76 +/- 3
	S	84 +/- 3
	M	94 +/- 3
	L	105 +/- 3
	XL	113 +/- 3
Thickness (mm) *single wall	All Sizes	Finger : 0.12 -0.14 (5 mil)  Palm : 0.08-0.09 (3.6 mil)

#### 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 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 Powderfree Residue

Maximum 2 mg per glove

#### 3.7 Protein Content

Not Available

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