



CRYSTALWARE

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PRODUCT SPECIFICATION

Nitrile Powderfree Examination Gloves (Finger Textured)

SECTION I : PRODUCT DESCRIPTION

- 1.1 Type Nitrile Examination Glove, **Powderfree**, Online Chlorinated, Non-sterile
- 1.2 Material 100% Nitrile Powder Free - (Latex Free)
- 1.3 Color (Pigment) **Blue**
- 1.4 Design and Feature Ambidextrous, **finger 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 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 ^{e3}
2.2	Physical Properties	S2	4.0	ASTM D6319-00a ^{e3}
2.3	Freedom from Holes (Water Tight Test)	GI	2.5	FDA 1000MIL Test Method ASTM D6319-00a ^{e3}
2.4	Visual Defects:			
(i)	Major Visual	GI	1.5	In-house practice
(ii)	Minor Visual		2.5	
2.5	Packaging Defects:			
(i)	Regulatory	GI	**	In-house practice
(ii)	Visual	GI	4.0	
(iii)	Critical (incl. Gloves Counting)	S2	4.0	
2.6	Powderfree Residue	N=5	-	ASTM D6319-00a ^{e3} 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 : 0.10 +/- 0.02 (4 mil) (Typical value: 0.09 – 0.12) Palm : 0.07 +/- 0.02 (2.8 mil) (Typical value: 0.06 – 0.07)

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 – 23)	min 14 (Typical value: 14 – 20)

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