

PRODUCT SPECIFICATION

Latex Powdered Examination Glove (Smooth)

SECTION I: PRODUCT DESCRIPTION

1. 1	Type	Latex Examination Glove, Powdered, Non-sterile
1. 2	Material	Natural High Grade Rubber Latex
1. 3	Color	Natural
1. 4	Design and Feature	Ambidextrous, smooth, beaded cuff
1. 5	Powder	Inside absorbable cornstarch USPXX1
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 D3578-05 (2015)
2.2	Physical Properties	S2	4.0	ASTM D3578-05 (2015)
2.3	Freedom from Holes (Air Pump Test)	GI	1.5	In-house practice
2.4 (i) (ii)	Visual Defects: Major Visual Minor Visual	GI	2.5 4.0	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	Powder Amount	N=2	-	ASTM D3578-05 (2015) ASTM D6124-06 (2017)
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 S M L XL	76 +/- 3 84 +/- 3 94 +/- 3 105 +/- 3 113 +/- 3
Thickness (mm) *single wall	All Sizes	Finger: 0.10 +/- 0.02 (Typical value: 0.08 – 0.11) Palm: 0.10 +/- 0.02 (Typical value: 0.08 – 0.09)

3.2 Physical Properties

Description	Standard	
	Before Aging	After Aging
Elongation at Break (%)	Min 650 (Typical value: 650 – 750)	Min 500 (Typical value: 500 – 700)
Tensile Strength (MPa)	Min 18 (Typical value: 18 – 22)	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 Powder Amount

Maximum 10 mg per dm²

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