

PRODUCT SPECIFICATION

Latex Powder Free Examination Glove (Palm Textured)

PRODUCT CODE: LCPFS, LCPFM, LCPFL, LCPFXL

SECTION I : PRODUCT DESCRIPTION

| | | |
|-----|--------------------|--|
| 1.1 | Type | Latex Examination Glove, Powder Free, Online Single Chlorinated, Non-sterile |
| 1.2 | Material | Natural High Grade Rubber Latex |
| 1.3 | Color | Natural |
| 1.4 | Design and Feature | Ambidextrous, palm 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 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 | Visual Defects: | | | |
| | (i) Major Visual | GI | 2.5 | In-house practice |
| | (ii) Minor Visual | | 4.0 | |
| 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 | Powder Free Residue | N=5 | - | ASTM D3578-05 (2015) ASTM D6124-06 (2011) |
| 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: 0.11 +/- 0.02 (Typical value: 0.10 – 0.13) Palm: 0.10 +/- 0.02 (Typical value: 0.09 – 0.11) |

3.2 Physical Properties

| Description | Standard | |
|-------------------------|---------------------------------------|---------------------------------------|
| | Before Aging | After Aging |
| Elongation at Break (%) | Min 650 (Typical value: 650 – 750) | Min 500 (Typical value: 500 – 600) |
| 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 Inspection

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 sample 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 Requirement (Gloves Counting = 100 pcs by weight per Dispenser).

3.6 Powder Free Residue

Maximum 2 mg per glove