

TOP GEAR GLOVES**PRODUCT SPECIFICATION****Nitrile Powderfree Examination Gloves (Finger Textured)****SECTION I : PRODUCT DESCRIPTION**

| | | |
|------|--------------------|--|
| 1. 1 | Type | Nitrile Examination Glove, Powderfree , OnlineChlorinated , Non-sterile |
| 1. 2 | Material | 100% Synthetic Nitrile Latex |
| 1. 3 | Color (Pigment) | <ul style="list-style-type: none"> ○ White ○ 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 (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: | | | In-house practice |
| (i) | Regulatory | GI | ** | |
| (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

TOP GEAR GLOVES**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 : 0.09 +/- 0.02 (Typical value: 0.10 – 0.12) Palm : 0.08 +/- 0.02 (Typical value: 0.07 – 0.09) |

3.2 Physical Properties

| Description | Standard | |
|-------------------------|--|---------------------------------------|
| | Before Aging | After Aging |
| Elongation at break (%) | Min 500 (Typical value: 500 - 650) | Min 400 (Typical value: 400 – 600) |
| Tensile Strength (MPa) | Min 14 (Typical value: 14 – 25) | 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

Updated on 01/01/2013