



ComfortRubberGloves

COMFORT RUBBER GLOVES IND. SDN. BHD.

DOCUMENT TITLE : Natural Rubber Latex Powder
Free Disposable Gloves
8.2gm \pm 0.2

DOCUMENT CODE : PSC-DCE482NR
REVISION NO. : A
ISSUE DATE : 03.04.2019
PAGE NO. : 1 OF 3

1.0 DESIGN AND FEATURE

- 1.1 **Material** : *Natural rubber latex*
- 1.2 **Features** : *Non-sterile, finger textured, beaded and ambidextrous*
- 1.3 **Color** : *Natural cream*
- 1.4 **Size range** : *Extra Small, Small, Medium, Large, X-Large*
- 1.5 **Length** : *As per item 2.1.1*
- 1.6 **Finishing** : *Powder Free*

2.0 PROPERTIES AND REQUIREMENTS

2.1 Dimensions

2.1.1 Palm width and Length

| Glove size | Palm width (mm) | Length (mm) | Inspection Level / AQL |
|------------|---------------------------------|-------------------------------|------------------------|
| <i>XS</i> | <i>76 \pm 4mm</i> | <i>245 \pm 5</i> | <i>S2/AQL 4.0</i> |
| <i>S</i> | <i>83 \pm 4mm</i> | | |
| <i>M</i> | <i>95 \pm 4mm</i> | | |
| <i>L</i> | <i>107 \pm 4mm</i> | | |
| <i>XL</i> | <i>117 \pm 4mm</i> | | |

2.1.2 Thickness

| Location of thickness measurements | Single wall (mm) | Single wall (mil) | Inspection Level / AQL |
|------------------------------------|------------------|-------------------|------------------------|
| <i>Finger (13mm from Tip)</i> | <i>Min 0.17</i> | <i>7 mil</i> | <i>S2/AQL 4.0</i> |
| <i>Palm (center of the palm)</i> | <i>Min 0.14</i> | <i>6 mil</i> | |
| <i>Cuff (25mm from the bead)</i> | <i>Min 0.11</i> | <i>4 mil</i> | |

2.1.3 Weight

| Glove size | Weight (g) |
|------------|---------------------------------|
| <i>XS</i> | <i>7.0 \pm 0.2</i> |
| <i>S</i> | <i>7.7 \pm 0.2</i> |
| <i>M</i> | <i>8.2 \pm 0.2</i> |
| <i>L</i> | <i>9.2 \pm 0.2</i> |
| <i>XL</i> | <i>9.9 \pm 0.2</i> |

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2.2 Pin holes

| Characteristics | Inspection Level / AQL |
|---------------------------|------------------------|
| <i>Freedom from holes</i> | <i>GI/AQL 1.5</i> |

2.3 Major Visual

| Characteristics | Inspection Level / AQL |
|-----------------------------|------------------------|
| <i>Major visual defects</i> | <i>GI/AQL 2.5</i> |

2.4 Physical properties

| Characteristics | Reference Standard | Standard Requirements | | Release Criteria | Inspection Level / AQL |
|--------------------------------|-----------------------|-----------------------|----------------|------------------|------------------------|
| | | Before Aging | After Aging | | |
| <i>Tensile Strength (Mpa)</i> | <i>ASTM D412</i> | <i>Min 18</i> | <i>Min 14</i> | <i>Exceeded</i> | <i>S2/AQL 4.0</i> |
| <i>Ultimate Elongation (%)</i> | <i>ASTM D412</i> | <i>Min 650</i> | <i>Min 500</i> | <i>Exceeded</i> | |
| <i>Force At Break (N)</i> | <i>EN 455, part 2</i> | <i>Min 6</i> | <i>Min 6</i> | <i>Exceeded</i> | |

2.5 Powder content

| Characteristics | Reference Standard | Standard Requirements | Release Criteria |
|-----------------------|--------------------|-----------------------|------------------|
| | | mg/glove | |
| <i>Powder content</i> | <i>ASTM D 6124</i> | <i>Max 2</i> | <i>Passed</i> |

2.6 Protein content

| Characteristics | Reference Standard | Standard Requirements | Release Criteria |
|------------------------|--------------------|-----------------------|------------------|
| | | ug/dm ² | |
| <i>Protein content</i> | <i>ASTM D 5712</i> | <i>Max 50</i> | <i>Passed</i> |

3.0 PACKAGING

3.1 Packaging : Each dispenser box contain 100 gloves and 10 dispensers in a shipping case.

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4.0 PACKING IDENTIFICATION

4.1 Packing lot number : YMMPPXXX

Y = Year of packing

MM = Month of packing

PP = Product type (AA-NR powdered, BB-NR powder free, CC-NBR powdered, DD-NBR powder free)

XXX = Sequential number shipped out for a month by size

5.0 CERTIFICATE OF RELEASE

5.1 Certificate of release : A Certificate of Release is available upon request to ensure all gloves shipped conform to specified specification.

6.0 PRODUCT SHELF LIFE

6.1 Shelf Life : 3 Years

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