



ComfortRubberGloves

COMFORT RUBBER GLOVES IND. SDN. BHD.

DOCUMENT TITLE : Nitrile Powder Free Examination
Gloves 3.5gm +/- 0.2

DOCUMENT CODE : PSC-OCF35NB
REVISION NO. : G
ISSUE DATE : 08.01.2019
PAGE NO. : 1 OF 3

1.0 DESIGN AND FEATURE

- 1.1 **Material** : *Nitrile synthetic latex*
- 1.2 **Features** : *Non-sterile, finger textured, beaded and ambidextrous*
- 1.3 **Color** : *Blue*
- 1.4 **Size range** : *X-Small, Small, Medium, Large, X-Large, XX-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

| Reference Standard | Glove size | Standard Requirements | | Inspection Level / AQL |
|--------------------|------------|-----------------------|-------------|------------------------|
| | | Palm width (mm) | Length (mm) | |
| ASTM 6319 | XS | 75 ± 5mm | Min 240 | S2/AQL 4.0 |
| | S | 85 ± 5mm | | |
| | M | 95 ± 5mm | | |
| | L | 105 ± 5mm | | |
| | XL | 115 ± 5mm | | |
| | XXL | >120mm | | |

2.1.2 Thickness

| Location of thickness measurements | Single wall (mm) | Single wall (mm) | Inspection Level / AQL |
|------------------------------------|------------------|------------------|------------------------|
| Finger (13mm from Tip) | 0.10 ± 0.02mm | 4 mil | S2/AQL 4.0 |
| Palm (center of the palm) | 0.07 ± 0.02mm | 3 mil | |
| Cuff (25mm from the bead) | 0.06 ± 0.01mm | 2 mil | |

2.1.3 Weight

| Glove size | Weight (g) |
|------------|------------|
| XS | 2.9 ± 0.2 |
| S | 3.2 ± 0.2 |
| M | 3.5 ± 0.2 |
| L | 3.8 ± 0.2 |
| XL | 4.1 ± 0.2 |
| XXL | 4.4 ± 0.2 |

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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>Force At Break (N)</i> | <i>EN 455, part 2</i> | <i>Min 6</i> | <i>Min 6</i> | <i>Exceeded</i> | <i>S2/AQL 4.0</i> |
| <i>Tensile Strength (Mpa)</i> | <i>ASTM D 6319</i> | <i>Min 14</i> | <i>Min 14</i> | <i>Exceeded</i> | |
| <i>Ultimate Elongation (%)</i> | <i>ASTM D 6319</i> | <i>Min 500</i> | <i>Min 400</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 | ug/dm ² |
|------------------------|--------------------|--------------------|
| <i>Protein content</i> | <i>ASTM D 5712</i> | <i>N/A</i> |

3.0 PACKAGING

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

4.0 PACKING LOT 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

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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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