



ComfortRubberGloves

COMFORT RUBBER GLOVES IND. SDN. BHD.

DOCUMENT TITLE : Natural Rubber Latex Powder
Free Examination Gloves
16.0gm +/- 1.5

DOCUMENT CODE : PSC-DCE4160NR-9
REVISION NO. : A
ISSUE DATE : 02.03.2020
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** : *Light Blue*
- 1.4 **Size range** : *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

Reference Standard	Glove size	Standard Requirements		Inspection Level / AQL
		Palm width (mm)	Length (mm)	
ASTM D3578	<i>S</i>	$85 \pm 5mm$	$290 \pm 5mm$	<i>S2/AQL 4.0</i>
	<i>M</i>	$95 \pm 5mm$		
	<i>L</i>	$105 \pm 5mm$		
	<i>XL</i>	$115 \pm 5mm$		

2.1.2 Thickness

Location of thickness measurements	Single wall (mm)	Single wall (mil)	Inspection Level / AQL
<i>Finger (13mm from Tip)</i>	$0.36 \pm 0.04mm$	<i>14 mil</i>	<i>S2/AQL 4.0</i>
<i>Palm (center of the palm)</i>	$0.28 \pm 0.03mm$	<i>11 mil</i>	
<i>Cuff (25mm from the bead)</i>	$0.20 \pm 0.03mm$	<i>8 mil</i>	

2.1.3 Weight

Glove size	Weight (g)
<i>S</i>	14.0 ± 1.5
<i>M</i>	16.0 ± 1.5
<i>L</i>	17.3 ± 1.5
<i>XL</i>	18.3 ± 1.5

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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 3578</i>	<i>Min 21</i>	<i>Min 18</i>	<i>Exceeded</i>	
<i>Ultimate Elongation (%)</i>	<i>ASTM D 3578</i>	<i>Min 750</i>	<i>Min 600</i>	<i>Exceeded</i>	
<i>Stress at 300% (Mpa)</i>	<i>ASTM D 3578</i>	<i><2</i>	<i><2</i>	<i>Passed</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 contains 100 gloves and 10 dispensers in a shipping case.

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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

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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