



ComfortRubberGloves

COMFORT RUBBER GLOVES IND. SDN. BHD.

DOCUMENT TITLE : Nitrile Powder Free Examination
Gloves 4.0gm +/- 0.2

DOCUMENT CODE : PSC-OCF40NB
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** : 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 6319	S	85 ± 5mm	Min 240	S2/AQL 4.0
	M	95 ± 5mm		
	L	105 ± 5mm		
	XL	115 ± 5mm		

2.1.2 Thickness

Location of thickness measurements	Single wall (mm)	Single wall (mil)	Inspection Level / AQL
Finger (13mm from Tip)	0.11 ± 0.02mm	4 mil	S2/AQL 4.0
Palm (center of the palm)	0.08 ± 0.02mm	3 mil	
Cuff (25mm from the bead)	0.06 ± 0.01mm	2 mil	

2.1.3 Weight

Glove size	Weight (g)
S	3.5 ± 0.2
M	4.0 ± 0.2
L	4.5 ± 0.2
XL	5.0 ± 0.2

2.2 Pin holes

Characteristics	Inspection Level / AQL
Freedom from holes	GI/AQL 1.5



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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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