



ComfortRubberGloves

# COMFORT RUBBER GLOVES IND. SDN. BHD.

DOCUMENT TITLE : Nitrile Powder Free  
Examination/Disposable Gloves  
8.6gm +/- 0.2

DOCUMENT CODE : PSC-OCDT86NB  
REVISION NO. : E  
ISSUE DATE : 25.03.2020  
PAGE NO. : 1 OF 3

## 1.0 DESIGN AND FEATURE

- 1.1 **Material** : *Nitrile synthetic latex*
- 1.2 **Features** : *Non-sterile, diamond grip textured, beaded and ambidextrous*
- 1.3 **Color** : *Orange*
- 1.4 **Size range** : *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	M	95 ± 5mm	Min 240	S2/AQL 4.0
	L	105 ± 5mm		
	XL	115 ± 5mm		
	XXL	>120 mm		

#### 2.1.2 Thickness

Location of thickness measurements	Single wall (mm)	Single wall (mil)	Inspection Level / AQL
<i>Finger (13mm from Tip)</i>	<i>0.30 ± 0.02 mm</i>	<i>12 mil</i>	S2/AQL 4.0
<i>Palm (center of the palm)</i>	<i>0.26 ± 0.02 mm</i>	<i>10 mil</i>	
<i>Cuff (25mm from the bead)</i>	<i>0.12 ± 0.02 mm</i>	<i>5 mil</i>	

#### 2.1.3 Weight

Glove size	Weight (g)
M	8.6 ± 0.2
L	9.4 ± 0.2
XL	10.4 ± 0.2
XXL	10.8 ± 0.2

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### 2.2 Pin holes

Characteristics		Inspection Level / AQL
Freedom from holes	Examination Gloves	GI/AQL 1.5
	Disposable Gloves	GI/AQL 4.0

### 2.3 Major Visual

Characteristics	Inspection Level / AQL
Major visual defects	GI/AQL 2.5

### 2.4 Physical properties

Characteristics	Reference Standard	Standard Requirements		Release Criteria	Inspection Level / AQL
		Before Aging	After Aging		
Tensile Strength (Mpa)	ASTM D 6319	Min 14	Min 14	Exceeded	S2/AQL 4.0
Ultimate Elongation (%)	ASTM D 6319	Min 500	Min 400	Exceeded	
Force At Break (N)	EN455, Part 2	Min 6	Min 6	Exceeded	

### 2.5 Powder content

Characteristics	Reference Standard	Standard Requirements	Release Criteria
		mg/glove	
Powder content	ASTM D 6124	Max 2	Passed

### 2.6 Protein content

Characteristics	Reference Standard	ug/dm <sup>2</sup>
Protein content	ASTM D 5712	N/A

## 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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