

## PRODUCT SPECIFICATIONS

NITRILE POWDER FREE EXAMINATION GLOVES 4.0gm +/-0.2

### 1.0 DESIGN AND FEATURE

- 1.1 **Material** : Nitrile synthetic latex
- 1.2 **Features** : Non-sterile, finger textured, beaded and ambidextrous
- 1.3 **Color** : Black, Blue, Dark Blue, Magenta, White
- 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
<i>Freedom from holes</i>	<i>G/AQL 1.5</i>

### 2.3 Major Visual

Characteristics	Inspection Level / AQL
<i>Major visual defects</i>	<i>G/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 <sup>2</sup>
<i>Protein content</i>	<i>ASTM D 5712</i>	<i>N/A</i>

**3.0 PACKAGING**

**3.1 Packaging** : *Each dispenser box contains 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

**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*

