



# Nitrile Powder Free Examination Gloves

JC23 Sizes: XS-XL 

**I.1 Type:** Nitrile Examination Glove, Powder Free, Online Single Chlorinated, Non-sterile

**I.2 Material:** 100% Synthetic Nitrile

**I.3 Colour:** Teal Green

**I.4 Design:** Ambidextrous, palm textured, beaded cuff

**I.5 Storage Condition:** The gloves shall maintain their properties when stored in a dry condition. Avoid direct sunlight.

**I.6 Shelf Life:** The gloves Shall have a shelf life of 5 years from the date of manufacture with the above storage condition.

**I.7 Packing Style:** 100 pcs gloves x 10 dispensers x 1 carton

**I.8 Size Marking:** The size of gloves shall be marked in the check box on every carton with black ink.

## SECTION II : PERFORMANCE REQUIREMENTS

(Sampling Plan – ISO 2859 Single Normal)

#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.1	Dimensions	S2	4.0	ASTM D6319-10 (2015)
2.2	Physical Properties	S2	4.0	ASTM D6319-10 (2015)
2.3	Freedom from Holes (Air Pump Test)	G1	1.5	In-house practice
2.3	Visual Defects:	G1	1.5 1.5 2.5 4.0	In-house practice
(i)	Visible Holes			
(ii)	Critical Visual			
(iii)	Major Visual			
(iv)	Minor Visual			
2.4	Packaging Defects:	G1 G1 S2	** 4.0 4.0	In-house standard
(i)	Regulatory			
(ii)	Visual			
(iii)	Critical (incl. Gloves Counting)			
2.5	Powder Free Residue	N=5		ASTM D6319-10 (2015) ASTM D6124-06 (2011)
2.6	Mix Size / Mix Glove / Mix Hand	Not Allowed		

\*\*Unacceptable at any level

## SECTION III: PERFORMANCE SPECIFICATION

### 3.1 Dimensions

Description	Size	Standard
Length (mm)	XS	76 +/- 3
	S	84 +/- 3
	M	94 +/- 3
	L	105 +/- 3
	XL	113 +/- 3
	XXL	123 +/- 3
Thickness (mm) *single wall	All Sizes	Finger : 0.15 +/- 0.02 (Typical value: 0.14 – 0.17) Palm : 0.14 +/- 0.02 (Typical value: 0.13 – 0.16)

### 3.2 Physical Properties

Description	Standard	
	Before Aging	After Aging
Elongation at Break (%)	Min 500 (Typical value: 500-600)	Min 400 (Typical value: 400–550)
Tensile Strength (MPa)	Min 14 (Typical value: 14 –20)	Min 14 (Typical value: 14 –20)

### 3.3 Freedom from Holes

The sample size and allowable number of non-conforming gloves in the samples shall be determined in accordance to Sampling Plan ISO 2859-I Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements.

### 3.4 Visual Defects

The sample size and allowable number of non-conforming gloves in the samples for both major and minor defects shall be determined in accordance to Sampling Plan ISO 2859-I Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements.

### 3.5 Packaging Defects

The Sample size and allowable number of non-conforming in the samples for regulatory, visual and critical packaging defects shall be determined in accordance to Sampling Plan ISO 2859-I Single Normal using inspection and acceptable quality level as stated in Section II: Performance Requirements (Gloves Counting= 100 pcs by weight per Dispenser).

### 3.6 Powder Free Residue

Maximum 2 mg per glove

