



Document Title: **Powder Free Nitrile Synthetic Latex Examination Gloves**
 Product Code : **G002**

Document No.: **G002** Effective Date: 21 OCTOBER 2013 Revision No.:00 Page 1 of 2

Certification



Certification No : 6780



Membership



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1.0 DESIGN AND CONSTRUCTION

- 1.1 Mould Design : Ambidextrous with textured fingertips.
- 1.2 Cuff : Beaded.
- 1.3 Size range : Small, Medium, Large, X-Large
- 1.4 Length : As per item 2.1
- 1.5 Finishing : Chlorinated Powder Free.
- 1.6 Colour : Regular Blue
- 1.7 Base Material : Nitrile synthetic latex.
- 1.8 Weight : +/- 3.0 – 3.5 grams per pcs (Medium)

2.0 PROPERTIES AND REQUIREMENTS

2.1 Physical Dimensions

2.1.1 Palm Width, Length and Weight (Average)

Size	Palm Width (mm)	* Length (minimum in mm)
Extra Small	75 ± 5	240
Small	85 ± 5	240
Medium	95 ± 5	240
Large	106 ± 5	240
Extra Large	Min 110	240

* For US Market the length required is min 230mm

2.1.2 Thickness (Single Wall)

Location of Thickness Measurement	Single Wall Thickness (mm)
Finger (at 13 mm from the extreme tip)	0.08
Palm (at centre of palm)	0.05
Cuff (at 25 mm from cuff end)	0.04

2.2 Tensile Properties

Characteristics	Standard	Before Ageing	After Ageing 7 days @ 70 °C ± 2 hours
Tensile Strength (MPa)	ASTM D 6319	min 14	min 14
Ultimate Elongation (%)	ASTM D 6319	min 500	min 400
Force At Break (N)	EN 455 , part 2	min 6	min 6

2.3 Surface Residual Extractables

Not more than 2 mg per glove.

2.4 Protein level

Does not contain natural latex protein.

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3.0 QUALITY ASSURANCE FOR GLOVE PERFORMANCE REQUIREMENTS

Characteristics	Inspection Level & Sampling Plan	AQL and Acceptance Limit
Barrier Non-conformities (Critical Defect)	G-1	1.5
Major Visual Non-conformities (Major Defect)	G-1	2.5
Physical Properties Related Non-conformities	S-2	4.0
Physical Dimensions	S-2	4.0
Average Powder Mass	As per ASTM D 6124-01 Test Method	Below 2 mg per glove

4.0 GLOVES PACKAGING

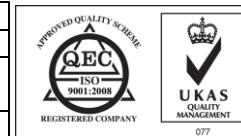
Each dispenser box contains one hundred (100) gloves and each shipping case contains ten (10) dispenser boxes or as requested by customer.

5.0 Applicable Documents

- 5.1 ASTM D 6319 : Standard Specification for Nitrile Examination Gloves for Medical Application.
- 5.2 ASTM D 6124 : Standard Test Method for Residual Powder on Medical Gloves
- 5.3 EN 455, Part 2 : Medical Gloves for Single Use – Requirements and Testing for Physical properties.

Documents listed above must be reviewed / revised, if applicable along with this document.

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