

Technical Paper

## Nitrile Examination Gloves

Specifications  
ENG-1-NTR-15

**SteriMed**

**SteriMed** Nitrile Gloves contain butadiene-acrylonitrile, a synthetic copolymer containing no natural rubber latex protein. This eliminates the potential for Type I allergic reactions among NRL sensitive individuals, and is chemically toughened for resistance in most solvents including petroleum.

## **SteriMed** Nitrile Examination Gloves

- High flexibility and comfort
- Excellent resistance against punctures, water permeability
- Superior chemical and solvent barrier protection
- Textured fingertips for wet and dry grip
- Fitting Beaded Cuff for easy donning and to prevent roll down
- Excellent tactility with minimized hand fatigue



## Technical Specifications

Type	Lightly Powdered and Powder-free Nitrile Examination Gloves
Material	Nitrile Latex (butadiene-acrylonitrile)
Color	Whitish or Blue
Design & Feature	Ambidextrous, straight fingers, smooth/texture palm surface & beaded cuff
Sizes Available	XS, S, M, L, XL
US FDA Status	Class 1 Medical Device

**Table 1. Dimension**

GLOVE SIZE	X-SMALL	SMALL	MEDIUM	LARGE	X-LARGE
<b>Overall Length (mm)</b>	240-260	240-260	240-260	240-260	240-260
<b>Width (mm)</b>	75-78	81-85	94-97	102-106	110-116
<b>Thickness (mm) Cuff</b>	0.08-10	0.08-10	0.08-10	0.08-10	0.08-10
<b>Palm</b>	0.13-15	0.13-15	0.13-15	0.13-15	0.13-15
<b>Finger</b>	0.15-17	0.15-17	0.15-17	0.15-17	0.15-17

**Table 2. Performance**

	Related Defect	Inspection Level	AQL
<b>Freedom from Holes</b>	Holes	G1	1.5
<b>Dimension</b>	Width, Length, Thickness	S2	4.0
<b>Physical Properties</b>	As Per Standard Required	S2	4.0
<b>Powder Amount (max)</b>	Exceeds maximum limit	N=2	120mg/glove
<b>Powder Residue (max)</b>	Exceeds maximum limit	N=5	2mg/glove

**Table 3. Physical Properties**

Physical Properties	Tensile Strength (MPa)	Elongation at Break (%)	Force at Break (N)
<b>Unaged</b>	24.0	650	17
<b>Aged 7D@70 °C</b>	32.0	600	20

**Packing:** 100 pieces/box \* 10 boxes/case (1,000 pcs/case)

**Packing Dimensions:** Inner Box (mm): 240L x 120W x 71H  
Export Carton (mm): 240L x 240W x 355H

**Typical Size Breakdown:** Size S 30%  
Size M 50%  
Size L 20%

Also available in our range of **SteriMed** Glove products:

- Powdered Latex Examination Gloves
- Powder-free Latex Examination Gloves
- Powder-free Poly Chloroprene Gloves
- Lightly Powdered Surgical Gloves
- Powder-free Surgical Gloves
- Heavy Duty Household Gloves

For further enquiries, please contact us at:

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