

Technical Paper

Powdered Latex Examination Gloves

Specifications
ENG-1-PD-53

SteriMed

Natural Rubber Latex (NRL) gloves are the world's best method used by healthcare personnel for the prevention of transmission of deadly viruses via contaminated blood and body fluids, such as, Human Immunodeficiency Virus (HIV), Herpes simplex virus (HSV) and Hepatitis B virus (HBV).

SteriMed NRL gloves are made from premium quality natural Latex formulated to provide greater strength and elasticity whilst enhancing tactility and sensitivity. Its excellent insulating properties not only provide maximum protection against cross-infection, but also satisfies even the most discerning tastes. Typical applications include medical diagnostic procedures and laboratory practices.

SteriMed Powdered Latex Examination Gloves

High quality medical grade gloves made from low allergic natural rubber latex, rigorously inspected and tested to exceed the requirements of the European Specification EN455 Part 1 (Freedom from holes), EN455 Part 2 (Physical Properties) and EN455 Part 3 (Biocompatibility) and ASTM D-3578. Lightly powdered with US Pharmacopoeia grade corn starch for bio-absorbability.

- Natural Rubber Latex
- Ambidextrous
- Manufactured in Accordance with ASTM D3578/ EN 455/ FDA Specifications
- Maximum Comfort and Protection
- Lightly Powdered with USP Absorbable Dusting Powder
- Fitting Beaded Cuff for easy donning and to prevent roll down
- Available in a smooth surface or an exclusive textured surface
- High tensile strength to minimize tearing



Technical Specifications

| | |
|-----------------------|---|
| Type | Non-Sterile, Powdered Latex Examination Gloves |
| Material | Natural Rubber Latex |
| Color | Creamy or Pastel White |
| Design & Feature | Ambidextrous, straight fingers, smooth/texture palm surface & beaded cuff |
| Sizes Available | XS, S, M, L, XL |
| Protein Test | As per Modified Lowry Method ASTM 5712 < 150 µg/g |
| Quality Certification | MS ISO 9002, ISO 9002/EN46002, TGA |
| Quality Specification | ASTM D3578, EN455 (Part 1 & 2) |
| US FDA Status | Class 1 Medical Device |

Table 1. Dimension

| GLOVE SIZE | X-SMALL | SMALL | MEDIUM | LARGE | X-LARGE |
|----------------------------|---------|---------|---------|---------|---------|
| Overall Length (mm) | 240-260 | 240-260 | 240-260 | 240-260 | 240-260 |
| Width (mm) | 75-78 | 81-85 | 94-97 | 102-106 | 110-116 |
| Thickness (mm) Cuff | 0.12-14 | 0.12-14 | 0.12-14 | 0.12-14 | 0.12-14 |
| Palm | 0.15-17 | 0.15-17 | 0.15-17 | 0.15-17 | 0.15-17 |
| Finger | 0.17-19 | 0.17-19 | 0.17-19 | 0.17-19 | 0.17-19 |

Table 2. Performance

| | Related Defect | Inspection Level | AQL |
|----------------------------------|--------------------------|------------------|-------------|
| Freedom from Holes | Holes | G1 | 1.5 |
| Dimension | Width, Length, Thickness | S2 | 4.0 |
| Physical Properties | As Per Standard Required | S2 | 4.0 |
| Powder Amount (max) | Exceeds maximum limit | N=5 | 120mg/glove |
| Extractable Protein (max) | Exceeds maximum limit | N=5 | 200µg/g |

Table 3. Physical Properties (ASTM D3578-00 and EN455 (Part 1 & 2) Compliant)

| Physical Properties | Tensile Strength (MPa) | Elongation at Break (%) | Force at Break (N) |
|----------------------|------------------------|-------------------------|--------------------|
| Unaged | 21.0 | Min 800 | Min 7.5 |
| Aged 7D@70 °C | 19.0 | Min 750 | Min 5.5 |

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

Packing Dimensions: Inner Box (mm): 240L x 120W x71H
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:

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

For further enquiries, please contact us at:

STERIMED SDN BHD 568957-P

No.24, Jln Mutiara 1, Tmn Mutiara
56000 Kuala Lumpur Malaysia

Phone. +603-9130-1468
Fax. +603-9130-1469
E-mail enquiry@sterimed.com.my