

Technical Paper

Powder-free Poly Chloroprene Gloves

Specifications
ENG-1-PCR-18

SteriMed

Another alternative to meeting the stringent demands of industry. Designed to perform like a premium synthetic glove, **SteriMed Poly Chloroprene Gloves** are without the associated risk of adverse reactions to proteins inherent in natural rubber latex.

An effective hand protection barrier against contamination and infectious diseases, the glove is also chemically toughened to provide extra protection against a broad range of chemicals and oils, making it ideally suitable for handling acids, caustics and alcohols.

SteriMed Poly Chloroprene Gloves

Polymer Coated Powder-free Poly Chloroprene Gloves

General Description

- Chloroprene formulation allows for enhanced barrier protection of a synthetic glove with the comfort, fit and feel of natural rubber
- Being of latex-free nature, thus eliminating potential Type I allergic reaction elicited by natural rubber proteins
- The formulation offers low modulus, allowing greater dexterity, tactile sensitivity and reduced hand fatigue
- The polymer coating not only facilitates ease of donning, but also offers greater resistance to fluid permeation
- Ambidextrous, with textured fingertips for enhanced wet and dry grip
- Low modulus for minimized hand fatigue

Allergenic Potential

- Polymer-coating reduces risk of Type IV allergic contact dermatitis from any residual chemicals that may be present
- Mercaptobenzothiazole (MBT) and Tetra mythyl thiuram disulphide (TMTD) free



Quality Standards

- Exceed ASTM D 3578, AS/NZS 4011:1997 and BS-EN 455-1 standard for critical defects, which require pinholes to conform to inspection level S1 AQL 4.0 (ASTM), S4 AQL 2.5 (AS/NZS) and G1, AQL1.5 (BS-EN)
- Manufactured to ISO 9002 and EN 46002 standard of quality systems
- Biocompatibility tests like skin irritation as per ASTM F-719 and Guinea Pig Contact Dermal Sensitization as per ASTM F-720 showed these gloves to be non-Irritant and non-Sensitizing articles

Table 1. Dimension

GLOVE SIZE	X-SMALL	SMALL	MEDIUM	LARGE	X-LARGE
Overall Length (mm)	240min	240min	240min	240min	245min
Width (mm)	76±5	80±5	92±5	106±5	110±5
Thickness (mm) Cuff	0.11	0.11	0.11	0.11	0.11
Palm	0.16	0.16	0.16	0.16	0.16
Finger	0.18	0.18	0.18	0.18	0.18

Table 2. Chemical Composition

	Percentage (%)
Synthetic Polymer	90-92
Zinc Oxide	1.0-2.5
Zinc Dibutyldithiocarbamate	0.05-1.5
Titanium Dioxide	1.0-3.0
EN-71 Category dyes	1.0-1.5
Sterically hindered Polymeric Phenol	0.5-1.5

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

Packing Dimensions: Inner Box (mm): 240L x 120W x85H
Export Carton (mm): 240L x 240W x 425H

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

For further enquiries, please contact us at:

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