

# Surgicare®

## ISOPRENE

Sterile Synthetic Polyisoprene Powderfree Surgical Gloves

Surgicare Isoprene is made from Polyisoprene material, which has high chemical resistance and supple properties. The latex free and powder free Polyisoprene Surgical gloves feels like a second skin. The soft glove provides protection to the user, and prevents all allergies and skin irritations associated with latex.

### EXCELLENT DONNING AND FIT

- The specially designed mould produces gloves of high comfort.
- Latex free and Powderfree Surgical gloves.
- Feel like natural rubber latex without risk of 'latex sensitization'.
- Enhanced Elasticity and Sensitivity.
- Excellent fit with reduced finger fatigue.
- Made from Polyisoprene, Synthetic rubber.
- Tested in accordance with Chemotherapy Permeation Tests.
- Inner Polymer Coating provides smooth and easy donning of gloves.

### OTHER FEATURES

- 280-300 mm length.
- Sterilization by Ethylene Oxide / Gamma as per Customer requirement.
- Perfect fit ensures comfort to user.

### STANDARDS

- EN 455-1:2000, EN 455-2:2015, EN 455-3:2015, ISO 10282:2014 & ASTM D 3577:2009
- CE Mark - MDD Class IIa

### QUALITY CONTROL

- 100% Inspected
- Tested & Passes Viral Penetration - ASTM F 1671:2007
- Factory Standard of 0.65AQL for Pinholes.

Recommended for:

► All Surgeries



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AN ISO 9001:2008, EN ISO 13485:2012 & ISO 14001:2004 CERTIFIED COMPANY

This product is CE Certified

Oppoottil Buildings, K.K. Road  
Kottayam-686 001, Kerala, India

Tel: 0481-2560108, 2563513

Fax: 0481-2563614

E-mail: [customercare@kanamlatex.com](mailto:customercare@kanamlatex.com)  
[ho@kanamlatex.com](mailto:ho@kanamlatex.com)

## Product Information

### TYPE

Latexfree & PowderfreeSurgical Gloves.

### PRIMARY MATERIAL

Polyisoprene (Latex-free/Synthetic Rubber).

### COLOUR

White.

### DESIGN

Hand Specific, Curved finger, Beaded cuff, Micro rough textured.

### POWDER FREE RESIDUE

<2mg/glove.

### STERILIZATION

Ethylene Oxide / Gamma as per Customer requirement.

### SHELF LIFE

3 Years in original packaging if stored as per storage instructions.

### PHYSICAL DIMENSIONS

Size	Length (mm) Min	Palm Width (mm) min	Thickness (mm) Min		
			Cuff	Palm	Finger
5 1/2	250	72 ± 4	0.12	0.15	0.15
6		77 ± 5			
6 1/2		83 ± 5			
7		89 ± 5			
7 1/2		95 ± 5			
8		102 ± 6			
8 1/2		108 ± 6			
9		114 ± 6			

### PHYSICAL PROPERTIES

Characteristics	Before Ageing	After Ageing 70±2°C for 166±2hrs
Tensile Strength (Mpa) min.	17	12
Ultimate Elongation (%) min.	650	490
Stress at 500% Elongation (Mpa) Max.	7.0	-
Force at break (N) Min.	9.0	9.0

### PRE-SHIPMENT QUALITY INSPECTION

Sampling Procedure: ISO 2859 Part 1

Sampling Plan: Single Sampling, Normal Inspection

Characteristics	Inspection Level	AQL
Freedom from Holes	G-1	1.5
Visual attributes – Major Defects	G-1	1.5
Visual attributes – Minor Defects	G-1	2.5
Physical Dimension	S-2 / N=13	4.0
Physical Properties	S-2	4.0
Force at break	N=13	N/A
Powder free residue	N=5	N/A
Sterility	N=5	N/A

### PACKAGING

Material	Quantity	Dimension (cm)
Paper Wallet	One Pair	20(L) x 11(W)
Pouch	One Pair	27(L) x 15(W)
Inner Box	50 Pairs	27(L) x 15(W) x 21(H)
Master Carton	400 Pairs	61(L) x 28(W) x 43(H)
Container Quantities	20FCL: 1,56,800 pairs/40FCL: 3,24,800 pairs	



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