

# Surgicare® ISOPRENE

Sterile Synthetic Polyisoprene Powderfree Surgical Gloves

www.kanamlatex.com

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 455-1:2020, EN 455-2:2015, EN 455-3:2015, ISO 10282:2014 & ASTM D 3577:2019
- ▶ CE Mark - MDD Class IIa

## QUALITY CONTROL

- ▶ 100% Inspected
- ▶ Tested & Passes Viral Penetration - ASTM F 1671:2013
- ▶ Factory Standard of 0.65AQL for Pinholes.

Recommended for:

- ▶ **All Surgeries**



**Kanam**  
KANAM LATEX  
INDUSTRIES PVT. LTD.

The trusted name the world over

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

Tel: 0481-2560108, 2563513

Fax: 0481-2563614

E-mail: customercare@kanamlatex.com

ho@kanamlatex.com

AN ISO 9001:2015, ISO 13485:2016 & ISO 14001:2015 CERTIFIED COMPANY

This product is CE Certified

NON-LATEX POWDERFREE POLYISOPRENE SURGICAL GLOVES

## 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 ½  | 250             | 72 ± 4              | 0.14               | 0.17 | 0.19   |
| 6    | 280             | 77 ± 5              |                    |      |        |
| 6 ½  |                 | 83 ± 5              |                    |      |        |
| 7    |                 | 89 ± 5              |                    |      |        |
| 7 ½  |                 | 95 ± 5              |                    |      |        |
| 8    |                 | 102 ± 6             |                    |      |        |
| 8 ½  |                 | 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                                    | 19(L) x 10(W)         |
| Pouch                | One Pair                                    | 26(L) x 13(W)         |
| Inner Box            | 50 Pairs                                    | 26(L) x 13(W) x 20(H) |
| Master Carton        | 400 Pairs                                   | 53(L) x 27(W) x 41(H) |
| Container Quantities | 20FCL: 1,56,800 pairs/40FCL: 3,24,800 pairs |                       |



# Surgicare®

## ISOPRENE

Sterile Synthetic Polyisoprene Powderfree Surgical Gloves