

Surgicare® Ortho

Extra Thick Powderfree Sterile Surgical Latex Gloves for Orthopaedic, Trauma and High Risk Surgery

Surgicare Ortho is made from Natural Rubber Latex. These gloves are anatomically shaped with thumb ball effect, reducing hand fatigue during long high risk surgery. The extra thick gloves provide maximum protection during high risk surgery. These gloves are non-chlorinated.

SAFETY FEATURES

- ▶ Ergonomically designed for optimum fit and comfort.
- ▶ Special Thumb Ball effect to reduce stress on thumb.
- ▶ Micro textured surface for enhanced grip
- ▶ 20% thicker than the standard surgical glove to withstand rigorous orthopaedic surgery and for protection in High Risk and Trauma.
- ▶ Inner Polymer Coating provides smooth and easy donning of gloves.
- ▶ Powder free to eliminate risks associated with glove powder.
- ▶ Brown coloured gloves to minimize light reflection and to provide better contrast to light coloured organs and tissues.
- ▶ 100% inspected.
- ▶ Extractable protein content no more than 50µg of protein per gram and dm²
- ▶ Sterilized in a validated process cycle as per ISO 11135 norms SAL 10⁻⁶.
- ▶ Manufactured in a dust free environment with low bioburden and therefore reduced pyrogen.

STANDARDS

- ▶ ASTM: D-3577 & EN 455-1, EN 455-2, EN 455-3 & ISO 10282.
- ▶ CE Mark - MDR: Regulation (EU) 2017/745, Class IIa
- ▶ PPE: Regulation (EU) 2016/425, Cat. III
- ▶ Passes Biocompatibility test as per ISO 10993 (Part 5, 10, 11 & 23).

QUALITY CONTROL

- ▶ 100% Inspected
- ▶ Passes Viral Penetration Test - ASTM F 1671
- ▶ Factory Standard of 0.65AQL for Pinholes

Recommended for:

- ▶ **Orthopaedic, Trauma & High Risk Surgery**



Kanam
KANAM LATEX
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The trusted name the world over



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Product Information

TYPE

Powder Free Latex Surgical Gloves for high risk use

PRIMARY MATERIAL

Natural Rubber Latex (NR).

COLOUR

Brown

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)	Thickness (mm) Min		
			Cuff	Palm	Finger
5 ½	270	72 ± 4	0.21	0.26	0.28
6		77 ± 5			
6 ½		83 ± 5			
7	280	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
EN 455-2		
Force @ Break (N)	15 min	12 min
ISO 10282/IS 13422		
Force @ Break (N)	25 min	20 min
Ultimate Elongation (%)	1000 min	900 min
Stress @ 300% Elongation (N)	1.5 max	-
ASTM D 3577		
Tensile Strength (Mpa)	28 min	23 min
Ultimate Elongation (%)	900 min	800 min
Stress @ 500% Elongation (Mpa)	3.0 max	-

PRE-SHIPMENT QUALITY INSPECTION

Sampling Procedure: ISO 2859 Part I

Sampling Plan: Single sampling, Normal Inspection

Characteristics	Inspection Level	AQL
Freedom from Holes	G-1	0.65
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
Extractable Protein Content	N=3	N/A
Powder free residue	N=5	N/A
Sterility	N=20	N/A

PACKAGING

Material	Quantity (Pairs)	Dimension (cm)		
		Paper Pouch	Peelable Pouch	Blister (Full Fold)
Paper Wallet	1	20(L) x 11(W)	20(L) x 11(W)	19(L) x 10(W)
Pouch	1	27(L) x 15(W)	27(L) x 15(W)	24(L) x 13(W)
Inner Box	50	27(L) x 15(W) x 28(H)	27(L) x 15(W) x 29(H)	24(L) x 13(W) x 28(H)
Master Carton	400	55(L) x 31(W) x 29(H)	55(L) x 31(W) x 30(H)	49(L) x 27(W) x 29(H)
Container Quantities (Pairs)	20FCL	1,96,000	1,96,000	1,37,600
	40FCL	4,11,600	4,11,600	2,81,600

Surgicare[®]

Ortho

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