

Surgicare®

Polymer Coated

Powderfree Polymer Coated Surgical Gloves

Surgicare Powderfree Polymer Coated Gloves is made from Natural Rubber Latex. The glove is anatomically shaped with thumb ball effect, reducing hand fatigue during surgical procedures. Surgicare Powderfree Polymer Coated Gloves provides excellent barrier protection for both doctor and patient. These gloves are non-chlorinated.

SAFETY FEATURES

- ▶ Enhanced elasticity, tear strength and donning of powderfree gloves.
- ▶ Chemical residue almost nil, eliminates risk of contact Dermatitis - Type IV Allergy.
- ▶ Sterilized in a validated process cycle as per ISO 11135 norms.
- ▶ Absence of powder eliminates dangers associated with powder, preventing granulomas, adhesions, fibrosis and occupational asthma. Does not contaminate sterile work area.
- ▶ Manufactured in dust free environment with low bioburden and therefore reduced pyrogen.
- ▶ High tactile sensitivity, good grip and excellent tear resistance.

STANDARDS

- ▶ EN 455-1, EN 455-2, EN 455-3, ASTM D 3577 & ISO 10282
- ▶ Registered with USFDA (510K)
- ▶ Certified as PPE (Personal Protective Equipment)

QUALITY CONTROL

- ▶ 100% Inspected
- ▶ Passes Viral Penetration Test - ASTM F 1671

Recommended for:

- ▶ **All Surgeries**



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

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Product Information

TYPE

Powder Free Polymer Coated Latex Surgical Gloves.

PRIMARY MATERIAL

Natural Rubber Latex.

DESIGN

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

POWDER FREE RESIDUE

<2mg/glove

STERILIZATION

Ethylene Oxide / Gamma
as per Customer requirement.



PHYSICAL DIMENSIONS

Size	Length (mm) Min	Palm Width (mm)	Thickness (mm) Min		
			Cuff	Palm	Finger
5 ½	270	72 ± 4	0.14	0.17	0.19
6	280	77 ± 5			
6 ½		83 ± 5			
7		89 ± 5			
7 ½	285	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)	12 min	11 min
ISO 10282/IS 13422		
Force @ Break (N)	15 min	10 min
Ultimate Elongation (%)	900 min	800 min
Stress @ 300% Elongation (N)	1.5 max	-
ASTM D 3577		
Tensile Strength (Mpa)	27 min	22 min
Ultimate Elongation (%)	900 min	800 min
Stress @ 500% Elongation (Mpa)	2.5 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 (for sterile product)	N=5	N/A

PACKAGING

Material	Quantity	Dimension (cm)
Paper Wallet(Folded)	One Pair	19(L) x 10(W)
Pouch	One Pair	24(L) x 14(W)
Inner Box	50 Pairs	24(L) x 13(W) x 22(H)
Master Carton	400 Pairs	50(L) x 28(W) x 46(H)

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