



**Powderfree Polymer Coated Surgical Gloves**

Kaltex 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. Kaltex 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
- ▶ CE Certified
- ▶ Registered with USFDA (510K)
- ▶ Certified as PPE Regulation (EU) 2016/425, Cat. III (Personal Protective Equipment)
- ▶ Certified as MD Regulation (EU) 2017/745, Class IIa

**QUALITY CONTROL**

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

Recommended for:

- ▶ **All Surgeries**



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POWDER FREE POLYMER COATED SURGICAL GLOVES

# 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)	Minimum Thickness (mm)		
			Cuff	Palm	Finger
5 ½	270	72 ± 4	0.14	0.17	0.19
6		77 ± 5			
6 ½		83 ± 5			
7	280	89 ± 5			
7 ½		95 ± 5			
8		102 ± 6			
8 ½		108 ± 6			
9	285	114 ± 6			

## PHYSICAL PROPERTIES

Characteristics	Before Ageing	After Ageing 70±2°C for 166±2hrs
<b>EN 455-2</b>		
Force @ Break (N)	12 min	11 min
<b>ISO 10282/IS 13422</b>		
Force @ Break (N)	15 min	12 min
Ultimate Elongation (%)	900 min	800 min
Stress @ 300% Elongation (N)	1.5 max	-
<b>ASTM D 3577</b>		
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 (Pairs)	Dimension (cm)
Paper Wallet	1	19(L) x 10(W)
Pouch	1	24(L) x 14(W)
Inner Box	50	24(L) x 13(W) x 20(H)
Master Carton	400	53(L) x 25(W) x 42(H)

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