

# Surgicare® Dual

Dual Protection Powder Free Sterile Surgical Gloves for High Risk & Trauma

Surgicare Dual is made from Natural Rubber Latex. The glove is anatomically shaped with thumb ball effect, reducing hand fatigue during surgical procedures. Surgicare Dual provides primary and secondary protection for both doctor and patient.

## FEATURES

- ▶ Visual warning of a puncture on secondary glove in presence of fluid, indicator appears.
- ▶ Recommended for High Risk, Orthopaedic & Trauma surgery.
- ▶ Protects against pathogen transmission and is a barrier to cross infection.
- ▶ The powderfree Under Glove protects the user against latex protein allergies and cross contamination from glove tear/puncture.
- ▶ Inner Polymer Coating provides smooth and easy donning of gloves. Specially designed mould produces gloves of high comfort.
- ▶ Protein content no more than 50µg of protein per gram & dm<sup>2</sup>.
- ▶ Manufactured in dust free environment with low bioburden and therefore reduced pyrogen.
- ▶ Latex Film structure passes Viral Penetration Test (ASTM F1671.2007)
- ▶ Sterilized in a validated process cycle as per ISO 11135:2014 norms SAL 10<sup>-6</sup>.

## STANDARDS

- ▶ ASTM : D-3577-2009 & EN 455-1:2000, EN 455-2:2015, EN 455-3:2015 & ISO 10282:2014
- ▶ CE Mark - MDD Class IIa
- ▶ Passes Biocompatibility test as per ISO 10993-10

## QUALITY CONTROL

- ▶ 100% Inspected
- ▶ Factory Standard of 0.65AQL for Pinholes

Recommended for:

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



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This product is CE Certified

## Product Information

### TYPE

Sterile Latex Dual Surgical Gloves.

### PRIMARY MATERIAL

Natural Rubber Latex (NR).

### COLOUR

Under Glove: Green.

Over Glove: Creamy 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.

### PACKAGING

Material	Quantity	Dimension (cm)
Paper Wallet	2 Pairs (1 Unit)	20(L) x 11(W)
Pouch	2 Pairs (1 Unit)	27(L) x 15(W)
Inner Box	25 Units	27(L) x 15(W) x 20(H)
Master Carton	200 Units	61(L) x 28(W) x 41(H)
Container Quantities	20FCL: 75,600 units/40FCL: 1,59,600 units	



### PHYSICAL DIMENSIONS – Under Glove

Size	Length (mm)	Palm Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
5 1/2	280	72 ± 4	0.14	0.17	0.19
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 DIMENSIONS - Over Glove

Size	Length (mm)	Palm Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
5 1/2	270	72 ± 4	0.14	0.17	0.19
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 - Under Glove & Over Glove

Characteristics	Before Ageing	After Ageing 70±2°C for 166±2hrs
Tensile Strength (Mpa) min.	24	18
Ultimate Elongation (%) min.	750	560
Stress at 500% Elongation (Mpa) Max.	5.5	-
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
Extractable Protein Content	N=3	N/A
Powder free residue	N=5	N/A
Sterility	N=5	N/A

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