



SENTINEL™
OPTIMA

Latex powder-free surgical gloves

TECHNICAL
DATASHEET

Product Description

Material	Natural Rubber
Colour	Natural
Shape	Anatomic
Cuff	Curve
External Surface	Micro-textured, chlorinated
Internal Surface	Polyacrylic resin

Physical Properties*

Thickness (single) Typical average values (mm)	Finger	0.22 ±0.03
	Palm	0.22 ±0.03
	Cuff	0.21 ±0.03
Minimum Length (mm)	290 ±5	
Strength (average values)	Before ageing	After ageing
	820	780
Elongation at Break (%)	18	17

* These figures are indicative only

Packaging & Storage

Packaging	6 x 50 pairs / 300 pairs per carton
Shelf Life	3 years
Storage Instructions	Keep out of the direct sunlight. Store in a cool and dry place. Keep away from sources of ozone or ignition.

Key Features & Advantages

- Comfort and sensitivity
- Ease of donning
- Ease of double gloving

Manufacturing & Safety Standards

AQL (pinholes)	<ul style="list-style-type: none"> • Airleak tested. Conform European Norm AS/NZS 4179: Inspection Level I AQL 0.65 • Manufacturing Final Release. Conform AS/NZS 4179: Inspection Level I AQL 0.65 • In process control before packaging: Inspection Level I AQL 0.65
Protein Content	Low level: Typical results < 50 µg/dm ² for modified Lowry (ASTM D5712)
Primary Skin Irritation	Considered a negligible irritant as per ISO 10993-10
Skin Sensitization	No evidence of delayed dermal contact sensitization as per ISO 10993-10
Viral Penetration	Passes ASTM F 1671 using Phi X 174
CE Mark	Medical Device: Class IIa
Product Standards Conformance	AS/NZS 4179 ASTM D3577 EN 455 parts 1, 2, 3, 4
Manufacturing Standards	ISO 11137-1 ISO 13485 ISO 9001
Registration Authority	Therapeutic Goods Administration (TGA) USFDA TUV SUD (0123): MD

Product References

Size & Product Code	5.5	ES-SOP-0055	6	ES-SOP-0060
	6.5	ES-SOP-0065	7	ES-SOP-0070
	7.5	ES-SOP-0075	8	ES-SOP-0080
	8.5	ES-SOP-0085	9	ES-SOP-0090