

ORTHOPAEDIC - LATEX POWDER FREE

SURGICAL GLOVES



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ORTHOPAEDIC - LATEX POWDER FREE SURGICAL GLOVES

The specially formulated Latex powder free surgical gloves have optimum thickness to act as a great barrier during orthopaedic surgeries. The ortho gloves are normally 50% thicker than the normal powder free surgical gloves. The premium superior quality ortho gloves are made with very low modulus and very high latex content providing high sensitivity and elongation. Superior donning of the glove makes double donning easy.

Product Specifications

ASTM D 3577, ASTM D 6978, EN455 1, 2, 3, 4 ISO 10282:2023, IS 13422.

Product Standards

CE, ISO 13485:2016, ISO 10282:2023.

Recommended for

- ▶ Medical professional in all types of surgeries in OR including high risk surgeries such as ortho, cardiac etc.
- ▶ Damp donning.

Key features

- ▶ The Latex powder free ortho gloves are manufactured with high thickness and weight have very high tensile.
- ▶ The gloves are made in brown colour which are not sensitive to sterile lights in OR.
- ▶ The ortho gloves are tested for safe use with chemo drugs.

There are no chemical residues on gloves which terminate type IV allergies.

- ▶ The protein content of the powder free gloves is $< 50\mu\text{g}/\text{dm}^2$ which reduces the risk to have type-1 Latex protein allergy.
- ▶ The specially formulated ortho gloves are a special formulation of polymer and chlorinated gloves together.
- ▶ The powder content of powdered gloves $< 2\text{ mg}/\text{dm}^2$.
- ▶ The shelf life of our formulated Latex powder free ortho gloves is 3 years.

- ▶ Manufactured in clean environment to achieve low bio-burden level and the gloves have low pyrogen level and are non-cytotoxic.

The product is manufactured in a clean environment and packed in clean room.

The sterilization is done on a validated chamber. Ethylene Oxide (ETO) / Gamma sterilization available as per customer requirements.

Freedom from holes is 0.65 AQL.

PRODUCT	Orthopaedic gloves – Powder Free
STANDARDS	ASTM D 3577, EN 455 – 1,2,3,4
MATERIAL	Latex
TYPE	Sterile Powder free, Anatomic, Finger Tip Textured, Beaded Cuff
COLOUR	Brown, Off White
SHELF LIFE	4 years from date of Manufacture

PHYSICAL REQUIREMENTS	Tensile Strength	Ultimate Elongation
BEFORE AGING	28 Mpa	1050% min.
AFTER AGING	22 Mpa	800% min.
RESIDUAL PROTEINS	<50 Mg/dm ²	
POWDER CONTENT	<2 Mg/ dm ²	

PHYSICAL SPECIFICATION (STANDARD AQL 0.65/1.5)

SIZE	6	6.5	7	7.5	8	8.5	9	Tolerance
Catlog.No	SOPF 1160	SOPF 1165	SOPF 1170	SOPF 1175	SOPF 1180	SOPF 1185	SOPF 1190	Min
LENGTH (MM)	280-300	280-300	280-300	280-300	280-300	280-300	280-300	
WIDTH (MM)	76+/-6	83+/-6	89+/-6	95+/-6	102+/-6	108+/-6	114+/-6	
THICKNESS (MM)								
FINGER	0.30	0.30	0.30	0.30	0.30	0.30	0.30	Min
PALM	0.27	0.27	0.27	0.27	0.27	0.27	0.27	
CUFF	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
CUFF WIDTH (MM)	110+/-6	110+/-6	110+/-6	110+/-6	110+/-6	110+/-6	110+/-6	

