

MICRO SURGERY GLOVES -  
LATEX POWDER FREE

# SURGICAL GLOVES



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# MICRO SURGERY GLOVES - LATEX POWDER FREE

# SURGICAL GLOVES

The specially formulated Latex powder free microsurgery surgical gloves have narrow thickness to provide high dexterity for superior sensation and feel. The Micro surgery gloves are normally 10% thinner than the normal powder free surgical gloves at the finger tips . The premium superior quality Latex microsurgery powder free gloves are made with very low modulus, high quality latex content that provides high sensitivity, easy donning, dexterity and elongation. Superior donning of the glove makes double donning easy. The colour of the gloves prevents glare of the sterile light which causes eye-fatigue.

## 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
- ▶ Damp donning.

## Key features

- ▶ The powder free gloves are manufactured thinner 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 microsurgery 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.

<b>PRODUCT</b>	Orthopaedic gloves – Powder Free
<b>STANDARDS</b>	ASTM D 3577, EN 455 – 1,2,3,4
<b>MATERIAL</b>	Latex
<b>TYPE</b>	Sterile Powder free, Anatomic, Finger Tip Textured, Beaded Cuff
<b>COLOUR</b>	Brown, Off White
<b>WEIGHT</b>	16 g- 20 g per pair
<b>SHELF LIFE</b>	4 years from date of Manufacture

<b>PHYSICAL REQUIREMENTS</b>	Tensile Strength	Ultimate Elongation
<b>BEFORE AGING</b>	28 Mpa	980% min.
<b>AFTER AGING</b>	23 Mpa	760% min.
<b>RESIDUAL PROTEINS</b>	<50 Mg/dm <sup>2</sup>	
<b>POWDER CONTENT</b>	<2 Mg/ dm <sup>2</sup>	

**PHYSICAL SPECIFICATION (STANDARD AQL 0.65/1.5)**

SIZE	6	6.5	7	7.5	8	8.5	9	Tolerance
Catlog No.	SMPF 1260	SMPF 1265	SMPF 1270	SMPF 1275	SMPF 1280	SMPF 1285	SMPF 1290	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	0.16	0.16	0.16	0.16	0.16	0.16	0.16	Min
PALM	0.14	0.14	0.14	0.14	0.14	0.14	0.14	
CUFF	0.11	0.11	0.11	0.11	0.11	0.11	0.11	
CUFF WIDTH (MM)	110+/-6	110+/-6	110+/-6	110+/-6	110+/-6	110+/-6	110+/-6	

