

POWDER FREE  
**SURGICAL  
GLOVES**



# POWDER FREE SURGICAL GLOVES

Armour Powder free Latex Surgical gloves made from natural rubber Latex offer high dexterity, comfort and protection. The low modulus gloves are polyurethane coated with derma shield which makes it powder free (polymer coated gloves). The chlorination (chlorinated gloves) done on the gloves reduces the protein level significantly low. The gloves are made in different colours for double donning in OR. The gloves are 100% inspected to meet high quality standards.

## Product Specifications

ASTM D 3577, ASTM D 6978, EN455 1, 2, 3, 4 ISO10282:2023, IS 13422.

## Product Standards

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

## Recommended for

- ▶ Medical professional in Operating Room for sterile procedures
- ▶ Pharmaceutical industries

## Key features

- ▶ The powder free gloves are manufactured to different thickness and formulations for different procedures.
- ▶ 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 powder content of powdered gloves  $< 2\text{ mg}/\text{dm}^2$ .
- ▶ The shelf life of our formulated powder free gloves is 4 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	Surgical 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	Pale Yellow, Off White
WEIGHT	18g- 26g
SHELF LIFE	4 years from date of Manufacture

PHYSICAL REQUIREMENTS	Tensile Strength	Ultimate Elongation
BEFORE AGING	28 Mpa	1150% min.
AFTER AGING	23 Mpa	960% min.
RESIDUAL PROTEINS	<50 Mg/dm <sup>2</sup>	
POWDER CONTENT	<2 Mg/ dm <sup>2</sup>	

## PHYSICAL SPECIFICATION (STANDARD AQL 0.65/1.5)

SIZE	6	6.5	7	7.5	8	8.5 SPF	9	Tolerance
Catlog.No	SPF 0960	SPF 0965	SPF 0970	SPF 0975	SPF 0980	0985 275	SPF 0990	Min
LENGTH (MM)	275	275	275	275	275	108+/-6	275	
WIDTH (MM)	76+/-6	83+/-6	89+/-6	95+/-6	102+/-6		114+/-6	
THICKNESS (MM)	0.18	0.18	0.18	0.18	0.18	0.18	0.18	Min
FINGER	0.15	0.15	0.15	0.15	0.15	0.15	0.15	
PALM 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	

