



**Valiant Shield**  
Protecting Your Health And Safety

**SURGI-PRENE POLYISOPRENE SURGICAL GLOVE**

**POWDER-FREE**



## Functional Benefits

- Excellent Comfort and Safety
- Same Fit and Feel as Natural Rubber Gloves
- Excellent Chemical Resistance and Barrier Protection
- Suitable for performing Surgeries and Other Tasks
- Latex Free, Protein Free, Powder Free
- Safe for Healthcare Professionals and Patients with Latex (Type I) Allergies

# SURGI-PRENE POLYISOPRENE SURGICAL GLOVE

Quality Standards		Glove sizes	
Conforms to ASTM D3Sn, EN455 and ISO 10282 standards Manufactured under QSR (GMP) Biocompatibility tested		5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0 Size of gloves shall be marked in The check box on the shipping carton with black Ink	
Product Specifications			
Type	Gamma Ray sterilized, polymer coated (Powder-free)		
Material	High quality synthetic rubber (Poly-isoprene Latex)		
Colour	White		
Design & Features	Powder-free (no powder lubricant added), hand specific. curved finger, beaded cuff, palm textured		
Storage	The gloves shall maintain their properties when stored In a dry condition. Avoid direct sunlight		
Shelf-life	3 years from the date of manufacturing		



## Physical Dimensions

Characteristics	Standard			
	VALIANT	ASTM D3577	EN 455	ISO 10282
<b>Glove Length (mm)</b>				
5.5		Min 245	Min 250	Min 250
6.0		Min 265	Min 260	Min 260
6.5		Min 265	Min 260	Min 260
7.0	Min 280	Min 265	Min 270	Min 270
7.5		Min 265	Min 270	Min 270
8.0		Min 265	Min 270	Min 270
8.5		Min 265	Min 280	Min 280
9.0		Min 265	Min 280	Min 280
<b>Palm Width (mm)</b>				
5.5	72 +/- 4	70 +/- 6	72 +/- 4	72 +/- 4
6.0	77 +/- 5	76 +/- 6	77 +/- 5	77 +/- 5
6.5	83 +/- 5	83 +/- 6	83 +/- 5	83 +/- 5
7.0	89 +/- 5	89 +/- 6	89 +/- 5	89 +/- 5
7.5	95 +/- 5	95 +/- 6	95 +/- 5	95 +/- 5
8.0	102 +/- 6	102 +/- 6	102 +/- 6	102 +/- 6
8.5	108 +/- 6	108 +/- 6	108 +/- 6	108 +/- 6
9.0	114 +/- 6	114 +/- 6	114 +/- 6	114 +/- 6
<b>Thickness (single wall mm)</b>				
5.5				
6.0				
6.5	Cuff : Min 0.16	Cuff : Min 0.10	N/A	Smooth Area Min 0.10 Textured Area Min 0.13
7.0	Palm : Min 0.22	Palm : Min 0.10		
7.5	Finger : Min 0.24	Finger : Min 0.10		
8.0				
8.5				
9.0				

## Physical Properties

Property	ASTM D3577	EN 455	ISO 10282
<b>Elongation at break (%)</b>			
Before Aging	Min 650	N/A	Min 600
After Aging	Min 490	N/A	Min 500
<b>Tensile Strength (MPa)</b>			
Before Aging	Min 17	N/A	N/A
After Aging	Min 12	N/A	N/A
<b>Force at break (N)</b>			
Before Aging	N/A	Median 9	Min 9
After Aging	N/A	Median 9	Min 9
<b>Force at 300% Elongation (N)</b>			
Before Aging	N/A	N/A	Max 3
After Aging	N/A	N/A	N/A



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[contact@valiantshield.info](mailto:contact@valiantshield.info)