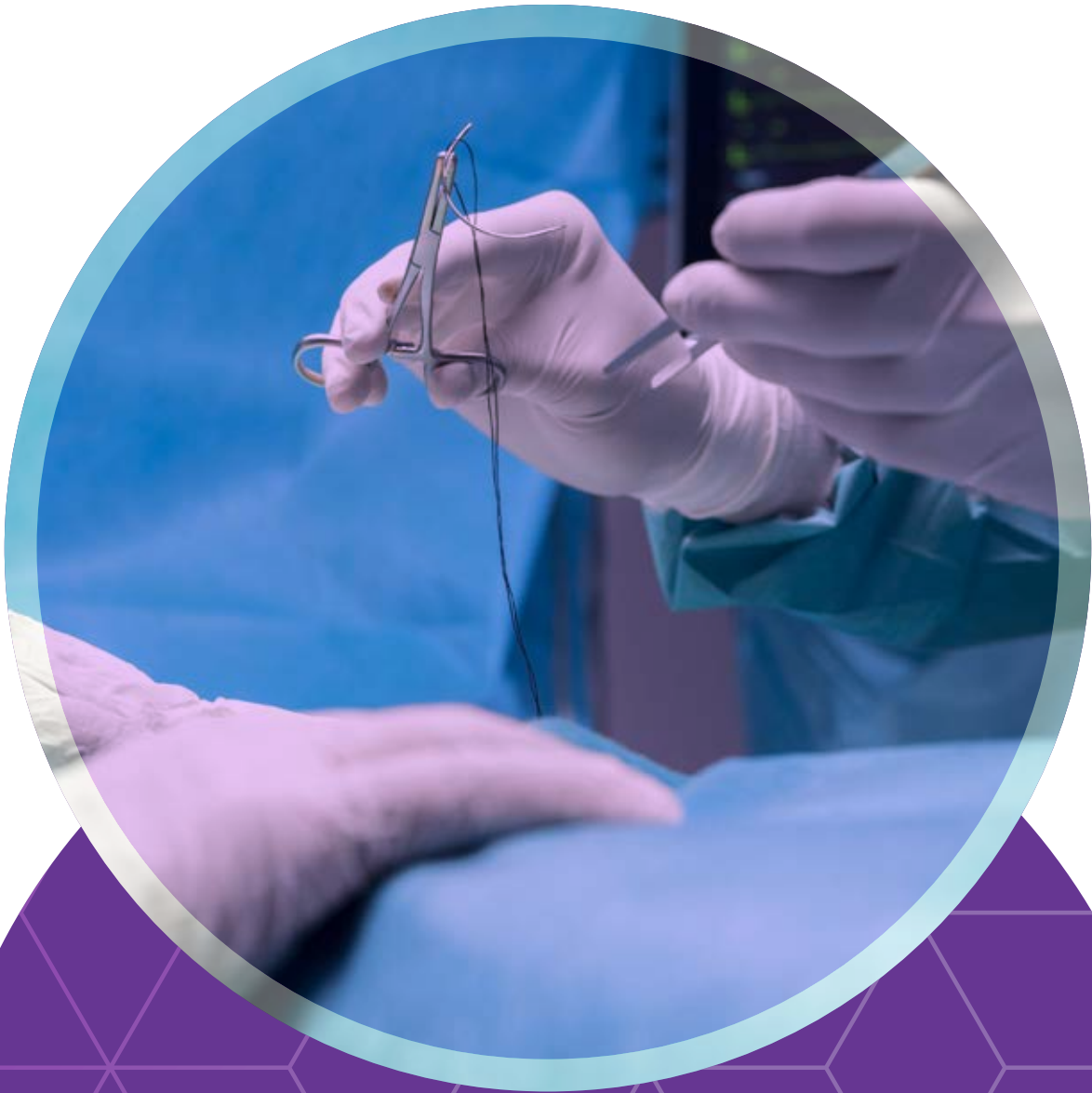




SUTURE

Seamless Innovation
Weaving the Future of
Healing with Sutures

Prolus®

Blue Monofilament Polypropylene



Product Details:

Composition	Polypropylene
Construction	Monofilament
Coating	None
In Vitro Retention of Strength	Prolus® is not subject to any degradation or loss of tensile strength
Tissue Reaction	Prolus® elicits a minimal inflammatory reaction in the tissue, followed by gradual encapsulation of the suture by fibrous tissue
Absorption Time	Non-absorbable
Sterilization	100% Ethylene Oxide
Available in Sizes	8-0, 7-0, 6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2
Colour	Blue
Shelf Life	5 years
Packaging	Box of 12, 24 & 36 sutures

Distinctive Features

- Extremely high tensile strength.
- Knot pull strength exceeds USP limits.
- Extremely smooth material resulting in minimal tissue trauma.
- Prolus® sutures used in cardiovascular surgery are straight packed to minimize memory.
- Allows for secured knot tying.
- Packed using Tyvek paper for extra security.

Product Specifications

Table No. 1 NONABSORBABLE SURGICAL SUTURE – SPECIFICATION (USP)						
USP Size	Metric Size (Gauge No)	Limit on Average Diameter (mm)		Diameter maximum acceptable limit (mm)	Limits on Average Knot-Pull (except where otherwise specified) a. Tensile Strength (in N) b	Needle Attachment (in N) (Average value)
		Diameter Range in mm			Class I Min	
8-0	0.4	0.04	0.049	0.054	0.59	0.490
*PP 8-0	0.4	0.052		0.056	0.59	0.490
**PP 8-0	0.4	0.067		0.071	0.59	0.490
7-0	0.5	0.050	0.069	0.076	1.08	0.785
*PP 7-0	0.5	0.072		0.076	1.08	0.785
**PP 7-0	0.5	0.082		0.086	1.08	0.785
6-0	0.7	0.070	0.099	0.109	1.96	1.67
5-0	1	0.10	0.149	0.164	3.92	2.26
4-0	1.5	0.15	0.199	0.219	5.88	4.41
3-0	2	0.20	0.249	0.274	9.41	6.67
2-0	3	0.30	0.349	0.373	14.1	10.8
0	3.5	0.35	0.399	0.439	21.2	14.7
1	4	0.40	0.499	0.549	26.7	17.7
2	5	0.50	0.599	0.659	34.5	17.7



TI MEDICAL
Engineering the Future of Healthcare

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