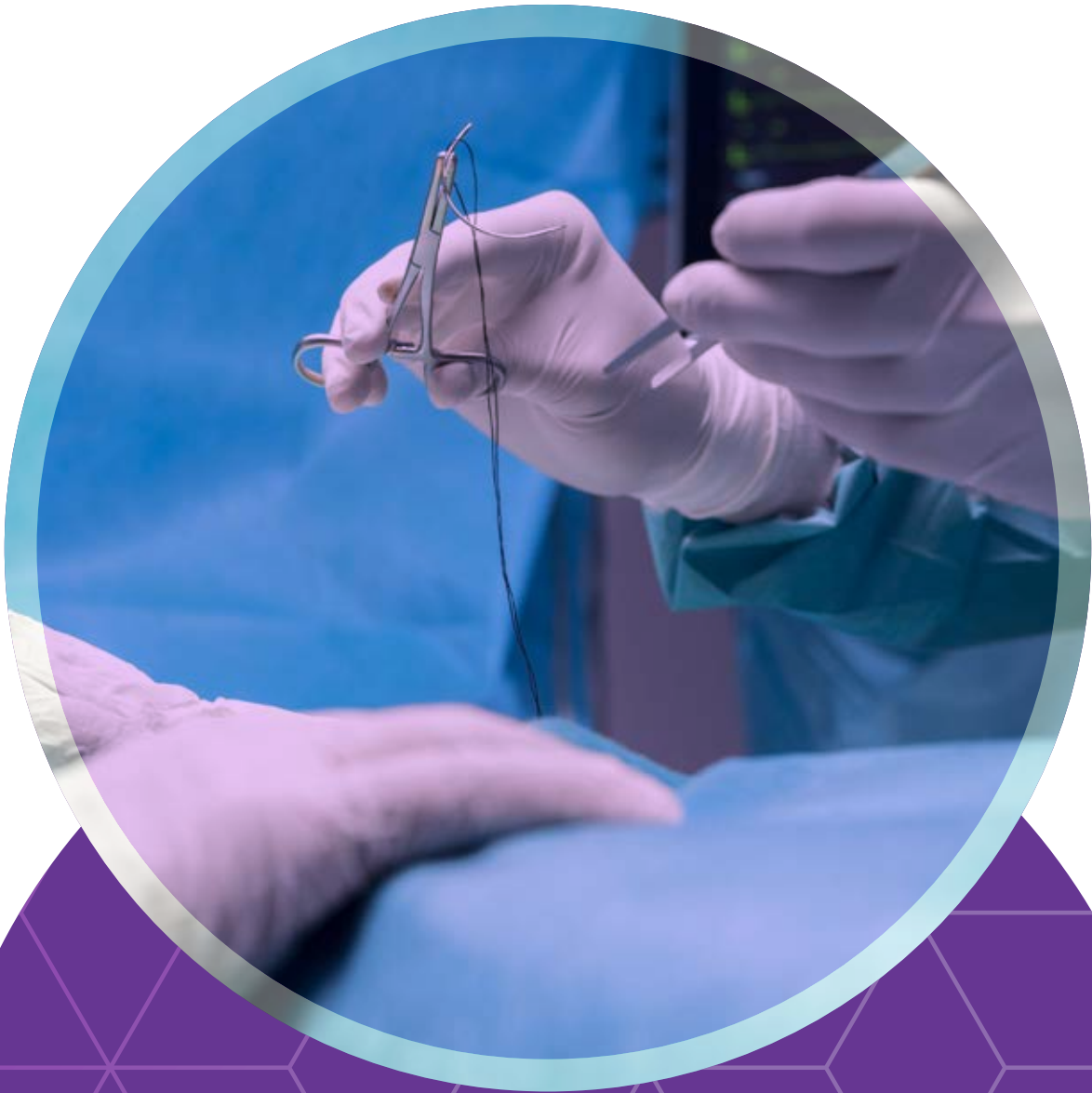




SUTURE

Seamless Innovation
Weaving the Future of
Healing with Sutures

MONOLUS®
 Monofilament Poly(Glycolide-co-caprolactone)
 Poliglicolone-25
 Absorbable Surgical Suture (Synthetic) U.S.P.

LOTUS®
 A Brand of TI MEDICAL

Each box contains 12 Sterile Absorbent suture off
 pouches and instructions for use (UFI).

LOTUS®
 SURGICAL MEDICAL PRODUCTS
 A Brand of TI MEDICAL

TI Medical Private Limited
 (Formerly known as Lotus Surgicals Pvt. Ltd.)
 Phase No. 100 /18-9, Twin Industrial Estate,
 Salazar, Chetpet, 248187, Uthkal Road, INDIA.
 Customer Care Number (24x7): +91 735 3698661
 info@ti-medical.com
 www.ti-medical.com

Composition	Poly (Glycolide-co-caprolactone) (Poliglecaprone 25)
Construction	Monofilament
Coating	None
In Vitro Retention of Strength	30% in 14 days (2 weeks) for dyed and ~20% in 14 days (2 weeks) undyed
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild issue reaction during the absorption process
Degradation & Absorption Time	90-120 days
Sterilization	100% Ethylene Oxide
Available in Sizes	6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2
Colour	Dyed and Undyed
Shelf Life	5 years
Packaging	Box of 12, 24 & 36 sutures

- High initial tensile strength.
- Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- Excellent handling properties and high pliability.
- Ideal suture for use in sub cuticular closure.

TABLE NO. 1 SYNTHETIC ABSORBABLE SURGICAL SUTURE – SPECIFICATION (USP & IN-HOUSE)						
USP Size Min	Metric Size (EP Gauge No.)	Limit on Average Diameter (mm)		Diameter Maximum Acceptable Limit (mm)	Knot-Pull Tensile Strength (in N) (Except otherwise specified)	Needle Attachment (in N) (Average value)
		Diameter Range in mm				
6-0	0.7	0.070	0.099	0.125	2.45	1.67
5-0	1	0.100	0.149	0.175	6.67	2.26
4-0	1.5	0.150	0.199	0.225	9.32	4.41
3-0	2	0.200	0.249	0.275	17.4	6.67
2-0	3	0.300	0.339	0.375	26.3	10.8
0	3.5	0.350	0.399	0.450	38.2	14.7
1	4	0.400	0.499	0.550	49.8	17.7
2	5	0.500	0.599	0.650	62.3	17.7

* The Tensile Strength of the specified USP size is measured by straight pull



TI MEDICAL
Engineering the Future of Healthcare

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Plant

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