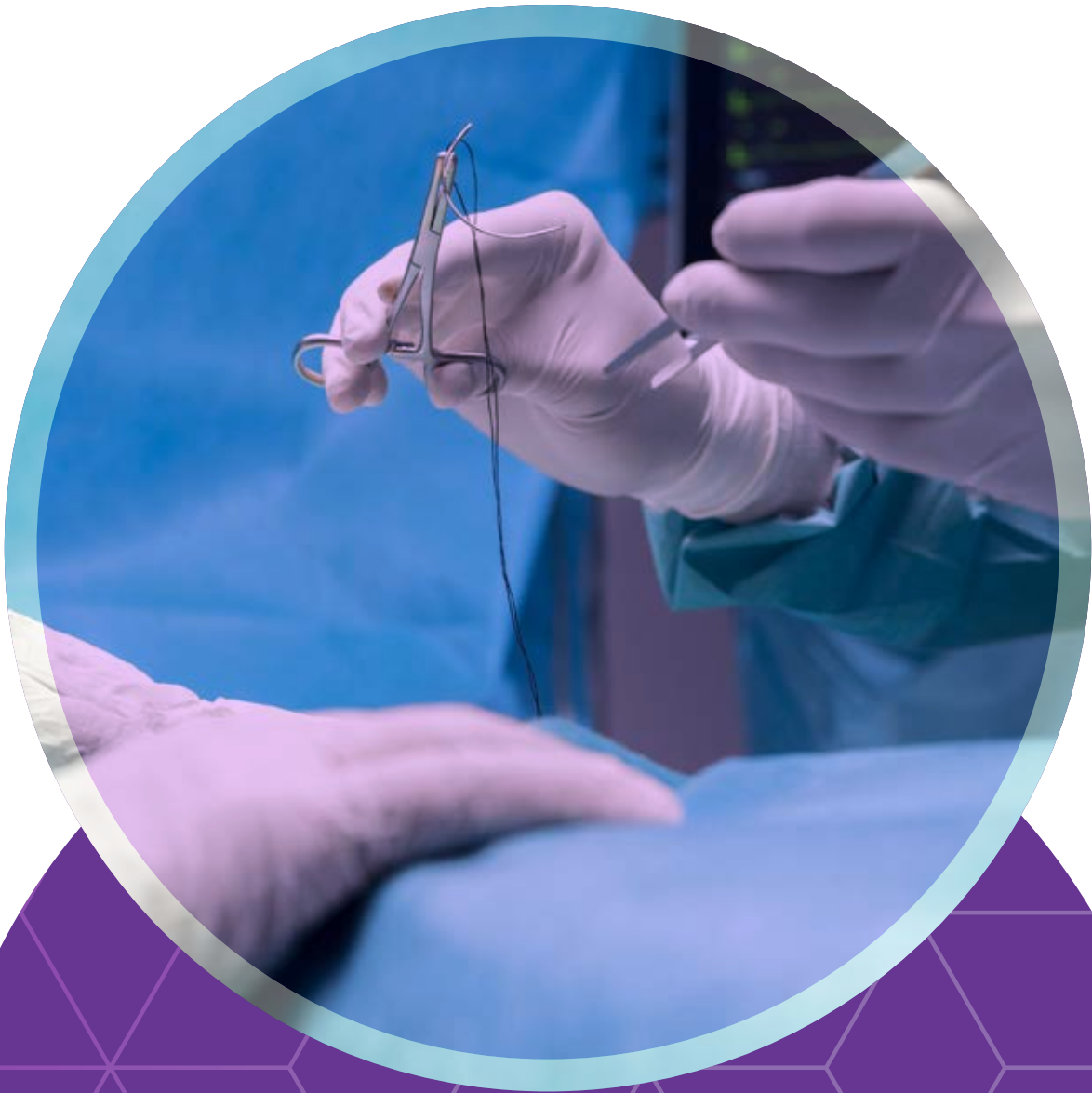




SUTURE

Seamless Innovation
Weaving the Future of
Healing with Sutures

MASS®
Monofilament Poly (p-dioxanone)
Absorbable Surgical Suture (Hydrolytic) U.S.P.

LOTUS®
Surgical Sutures & Implants
A Brand of TI MEDICAL

TI Medical Private Limited
Plot No. 10, Sector 10, Faridkot (Punjab)
India - 147001
Phone: +91-182-2222222
Fax: +91-182-2222222
E-mail: info@tomedical.com
Website: www.tomedical.com

Each box contains 12 sterile aluminum proof of
possession and instructions for use (PIU).

Composition	Poly (P-dioxanone)
Construction	Monofilament
Coating	None
In Vitro Retention of Strength	60% in 14 days (2 weeks)
Tissue Reaction	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
Degradation & Absorption Time	180- 210 days
Sterilization	100% Ethylene Oxide
Available in Sizes	7-0, 6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2
Colour	Violet and Undyed
Shelf Life	5 years
Packaging	Box of 12, 24 & 36 sutures

- Ideal for internal tissues where a long lasting, absorbable suture is preferable.
- Very high initial tensile strength and excellent pliability.
- Smooth passage through tissue and lesser reactivity.

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				
7-0	0.5	0.050	0.069	0.085	1.37	0.785
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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