

Polysorb™ Lactomer™ 9-1, Coated, Braided Synthetic Absorbable Sutures

Description:	Polysorb™ coated, braided synthetic absorbable sutures are composed of Lactomer™ glycolide/lactide copolymer which is a synthetic polyester composed of glycolide and lactide derived from glycolic and lactic acids. Polysorb™ sutures are prepared by coating the suture with mixture of caprolactone/glycolide copolymer and calcium stearoyl lactylate.
Characteristics:	The advanced extrusion process of the molecule of Lactomer™ 9-1, the exclusive braiding process and coating system give the suture: <ul style="list-style-type: none">- Excellent strength over the critical wound healing period- Excellent knot security- Excellent handling- Predictable absorption profile
Indications:	Polysorb™ sutures are indicated for use in soft tissue approximation or ligation and ophthalmic surgery, but not in cardiovascular or neural tissue.
Actions:	Polysorb™ sutures elicit a minimal acute inflammatory reaction in tissues, followed by gradual encapsulation of the suture by fibrous connective tissue. Progressive loss of tensile strength and eventual absorption of Polysorb™ sutures occurs by means of hydrolysis, where the Lactomer™ glycolide/lactide copolymer is broken down to glycolic and lactic acids which are subsequently absorbed and metabolized by the body.
Tensile Strength:	Subcutaneous tissue implantation studies in rats indicate Polysorb™ sutures are approximately 140% of USP and EP minimum knot strength initially, are approximately 80% at two weeks and approximately 30% at three weeks post-implant.
Absorption:	Absorption begins as a loss of tensile strength without appreciable loss of mass. Absorption of Polysorb™ sutures is essentially complete between the 56th and 70th day.
Sterilization:	Ethylene oxide.
Packaging:	Polysorb™ sutures are available in USP sizes 2 (5 metric) through 8-0 (0.4 metric). They are available undyed (natural) or violet colored. The sutures are supplied sterile, in pre-cut lengths or ligating reels; non-needled or affixed to various needle types, using both permanent and removable needle attachment techniques; in one, two or three dozen boxes.

Non Needed

Description	Size	Size (Metric)	Length (cm)	Color	Units per box	Phasing-out	Reorder code
Pre-Cut Suture	4-0	1.5	12x45	Undyed	24		L1
	4-0	1.5	12x45	Violet	24		L11
	4-0	1.5	3x45	Violet	36		L71
	4-0	1.5	6x45	Violet	24		L20
	3-0	2	12x45	Undyed	24		L2
	3-0	2	12x45	Violet	24		L12
	3-0	2	3x45	Violet	36		L72
	3-0	2	6x45	Violet	24		L22
	3-0	2	12x60	Violet	24		L32
	3-0	2	3x75	Violet	24		L402
	3-0	2	6x75	Violet	24		L38
	2-0	3	12x45	Undyed	24		L3
	2-0	3	12x45	Violet	24		L13
	2-0	3	3x45	Violet	36		L73
	2-0	3	6x45	Violet	24		L23
	2-0	3	12x60	Violet	24		L33
	2-0	3	12x75	Undyed	24		L43
	2-0	3	3x75	Undyed	24		L95
	2-0	3	3x75	Violet	24		L403
	2-0	3	6x75	Violet	24		L39
	0	3.5	12x45	Undyed	24		L24
	0	3.5	12x45	Violet	24		L27
	0	3.5	3x45	Violet	36		L74
	0	3.5	6x45	Undyed	24		L4
	0	3.5	6x45	Violet	24		L14
	0	3.5	12x60	Violet	24		L34
	0	3.5	3x75	Violet	24		L404
	0	3.5	6x75	Violet	24		L40
	1	4	12x45	Undyed	24		L25
	1	4	12x45	Violet	24		L35
	1	4	3x45	Violet	36		L75
	1	4	6x45	Undyed	24		L5
	1	4	6x45	Violet	24		L15
	1	4	12x60	Violet	24		L36
	1	4	3x75	Violet	24		L405
	1	4	6x75	Violet	24		L41
	2	5	12x45	Undyed	24		L26
	2	5	12x45	Violet	24		L28
	2	5	3x45	Violet	36		L76