

# POLYSORB™ SUTURE

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Description	<p><b>POLYSORB</b>® 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. <b>POLYSORB</b>® sutures are prepared by coating the suture with a mixture of caprolactone/glycolide copolymer and calcium stearoyl lactylate.</p>
Characteristics	<p>The advanced extrusion process of the molecule of LACTOMER™ 9-1, the exclusive braiding process and coating system give the suture:</p> <ul style="list-style-type: none"><li>■ Excellent strength over the critical wound healing period</li><li>■ Excellent knot security</li><li>■ Excellent handling</li><li>■ Predictable absorption profile</li></ul>
Indications	<p><b>POLYSORB</b>® sutures are indicated for use in soft tissue approximation or ligation and ophthalmic surgery, but not in cardiovascular or neural tissue.</p>
Contraindications	<p><b>POLYSORB</b>® sutures, being absorbable, should not be used where extended approximation of tissue is required.</p>
Actions	<p><b>POLYSORB</b>® 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 <b>POLYSORB</b>® 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.</p>
Tensile Strength	<p>Subcutaneous tissue implantation studies in rats indicate <b>POLYSORB</b>® 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.</p>
Absorption	<p>Absorption begins as a loss of tensile strength without appreciable loss of mass. Absorption of <b>POLYSORB</b>® sutures is essentially complete between the 56th and 70th day.</p>
Sterilization	<p>Ethylene oxide</p>
Packaging	<p><b>POLYSORB</b>® sutures are available in USP sizes 2 (5 metric) through 8-0 (0.4 metric). They are available undyed (natural) or dyed (violet). 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.</p>



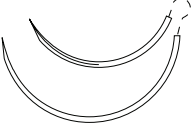







# POLYSORB™

LACTOMER™, 9-1 Coated, Braided Synthetic Absorbable Sutures



REVERSE CUTTING <input checked="" type="checkbox"/>	Length	Color	Units Per Box	PDS	8-0	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
					0.4	0.5	0.7	1	1.5	2	3	3.5	4	5
<b>3/8 Circle 19mm</b>  <b>C-13</b>	30	Violet	36					SL-634	SL-635	SL-636				
	30	Violet	12						SL-635-G					
	30	Undyed	12						SL-691-G	SL-822-G				
	30	Undyed	36					SL-690	SL-691	SL-822				
	18	Undyed	36					SL-639	SL-638	SL-637				
<b>3/8 Circle 24mm</b>  <b>C-14</b>	30	Violet	36						SL-695	SL-694	CL-823			
	30	Undyed	12						SL-692-G					
	30	Undyed	36						SL-692	SL-693	SL-823			
<b>3/8 Circle 24mm</b> <b>1/2 Circle 37mm</b>  <b>C-14</b> <b>GS-21</b>	60	Violet	36								CL-900			
<b>3/8 Circle 26mm</b>  <b>C-15</b>	<b>A-D-TACH</b> 5x18	Undyed	12							SL-73-MG				
	30	Undyed	36								SL-586	SL-587		
<b>3/8 Circle 30mm</b> <b>1/2 Circle 40mm</b>  <b>C-16</b> <b>GS-24</b>	60	Undyed	36							CL-976	CL-977			
<b>3/8 Circle 30mm</b>  <b>C-16</b>	30	Undyed	36							SL-696	SL-611		SL-609	
	36	Violet	36									SL-712		
	30	Violet	36								SL-714	SL-713		