

SYNTHETIC ABSORBABLE SURGICAL SUTURES

PETCRYL* Coated & Braided Polyglycolic Acid (PGA)

PGA is an ideal and time tested synthetic absorbable suture, widely used by surgeons all over the world. PGA's superior features over catgut are predictable absorption, outstanding tensile strength, in-vivo inertness and excellent handling properties.

Virtues

- : 1) Petcryl tensile strength surpass even the standards set by U.S. Pharmacopoeia and substantially higher than catgut as shown below:

AVERAGE TENSILE STRENGTH IN KGS.

SUTURE SIZE IN USP	CATGUT	PETCRYL	INCREASE
4-0	0.77	0.95	+23%
3-0	1.25	1.77	+41%
2-0	2.00	2.68	+34%
0	2.77	3.90	+40%
1	3.8	5.08	+34%
2	4.51	6.35	+40%




- 2) Petcryl retains its original tensile strength until the wound has achieved adequate stability. A comparison of "development of wound strength" vis-a-vis in vivo tensile strength of Petcryl establishes safety margin available during critical wound healing period. Petcryl retains its tensile strength of 75% on 14th day of implantation which makes it an ideal synthetic absorbable suture.
- 3) Petcryl is coated with non-toxic and bio-compatiable material called Polycaprolactone Calcium Stearate which facilitates smooth passage through tissues and firm knotting.
- 4) Petcryl is absorbed in the body by a simple hydrolytic mechanism which is predictable and reliable.

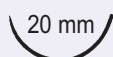
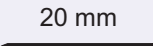
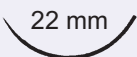
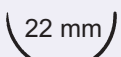


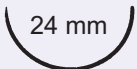



Material : Coated Polyglycolic Acid. Available in U.S. FDA approved Violet colour.



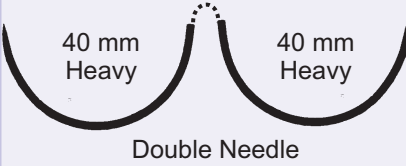


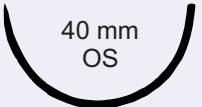
Tissue Reaction : Minimal tissue reaction.





Applications : General Closure, Ophthalmic, Orthopaedics, Obstetrics/Gynaecology & Gastrointestinal Tract Surgery.

Choice : Needled and Pre-cut sterile sutures conforming to USP standards.

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP			
			6-0(0.7)	5-0(1)	4-0(1.5)	3-0(2)
 8 mm 8 mm Double Needle	1/4 circle micro point spatulated	45 cm	FS 2670			
 12 mm	3/8 Circle Reverse Cutting	45 cm		FS 2493	FS 2494	FS 2495
 16 mm	3/8 Circle Cutting Prime	45 cm		FS 2442	FS 2443	FS 2471

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP				
			4-0(1.5)	3-0(2)	2-0(3)	1-0(3.5)	1(4)
 20 mm	1/2 Circle Round Bodied	70 cm	FS 2304	FS 2437			
 20 mm	Straight Round body(SRS needle)	45 cm					FS 2545
 22 mm	3/8 Circle Cutting	45 cm		FS 2401			
 22 mm	1/2 Circle Cutting	90 cm		FS 2472			
 23 mm Heavy	1/2 Circle Reverse cutting	45 cm				FS 2826E	
 24 mm	5/8 circle reverse cutting	45 cm				FS 2510 AD	
 24 mm	1/2 Circle Reverse cutting	45 cm				FS 2510	
 26 mm	3/8 Circle Reverse Cutting	76 cm Undyed		FS 2407U			
 30 mm	1/2 Circle Round Bodied	70 cm			FS 2341	FS 2342	
		90 cm			FS 2317	FS 2338	
 30 mm Heavy	1/2 circle taper cutting	45 cm					FS 2511

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP			
			3-0(2)	2-0(3)	1-0(3.5)	1(4)
	1/2 Circle Reverse cutting	90 cm			FS 2534	
	1/2 Circle Round Bodied	70 cm			FS 2546	
		90 cm		FS 2345	FS 2346	
		115 cm			FS 2346 +	
	1/2 Circle Round Bodied	70 cm				FS 2359
		90 cm				FS 2347
		115 cm				FS 2347 +
	1/2 Circle Round Body and 1/2 Circle taper cutting	160 cms				FS 2160
		140 cms			FS 2346 DA	FS 2347 DA
	1/2 Circle Reverse Cutting	45 cm		FS 2382S		
		90 cm		FS 2382		
	1/2 Circle Taper cutting	45 cm			FS 2361	
		90 cm			FS 2518	
		115cm			FS 2518+	
	1/2 Circle Reverse cutting	90 cm				FS 2421

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP		
			2-0	1(4)	2(5)
 <p>40 mm Heavy</p>	1/2 Circle Taper cutting	90 cm		FS 2364	
 <p>40 mm</p>	1/2 Circle Reverse Cutting	90 cm	FS 2382	FS 2486	FS 2351
 <p>45 mm Heavy</p>	1/2 Circle Round Bodied	90 cm			FS 2228
 <p>50 mm Heavy</p>	1/2 Circle Round Bodied	115 cm		FS 2448+	

PRE-CUT SUTURES

SUTURE LENGTH	PACKAGING	SUTURE SIZE IN USP		
		2-0	1-0	1
1 x 150 cm	PGA in sterile foil over wrap pack 150 cms Box of 12's pack	FS 2203	FS 2204	FS 2205