

**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-compatible 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.

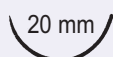
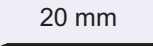
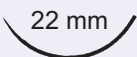
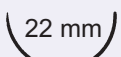


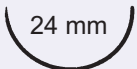


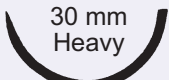
**Material** : Coated Polyglycolic Acid. Available in U.S. FDA approved Violet colour.




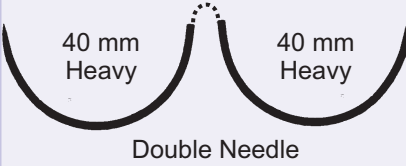


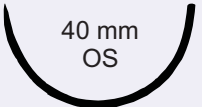
**Tissue Reaction** : Minimal tissue reaction.





**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