



SYNTHETIC ABSORBABLE SURGICAL SUTURES















Polyglactin 910 Sutures

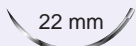

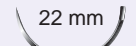







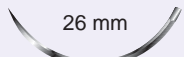




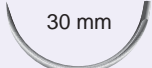




Polyglactin 910 suture is most widely used braided and coated synthetic absorbable suture in the world. On account of its superior properties, this suture has replaced catgut sutures in most applications.








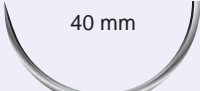


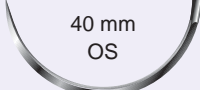



Virtues	:	Coated for smoother passage through tissues. Secured knot placement. Superb handling property. Higher tensile strength during initial implantation period. Retention of 50% of tensile strength at 21 days of implantation. Reliable absorption in tissues by simple hydrolysis.
Material	:	Braided and coated synthetic absorbable surgical suture made from co-polymer of 90% Glycolide and 10% L-lactide, available in undyed and violet colour.
Tissue Reaction	:	Minimal tissue reaction.
Applications	:	General closure, Ophthalmic, Cardiovascular, Orthopaedics, obstetrics/gynecology and Gastro-intestinal Tract Surgery.
Choice	:	Needled and pre-cut sterile sutures conforming to USP standards. Also Rapid absorption sutures available.



STERILE NEEDLED POLYGLACTIN 910 COATED & BRAIDED SUTURE



















NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				6-0(0.7)	5-0(1)	4-0(1.5)	3-0(2)
	1/4 circle micropoint spatulated		45 cm	DS 2670			
	3/8 Circle Reverse Cutting		45 cm		DS 2493	DS 2494	DS 2495
	1/2 Circle Round Bodied		45 cm		DS 2303		
			70 cm			DS 2305	
	5/8 Circle Cutting		45 cm			DS 2465	
	3/8 Circle Prime Cutting		45 cm		DS 2442	DS 2443	DS 2471
	1/2 Circle Taper Cutting		45 cm				DS 2515
	1/2 Circle Round Bodied		70 cm			DS 2304	DS 2437

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				3-0(2)	2-0(3)	1-0(3.5)	1(4)
	3/8 Circle Cutting		45 cm	DS 2401			
	1/2 Circle Cutting		90 cm	DS 2472			
	1/2 Circle Reverse cutting		35 cm				DS 2826
			45 cm			DS 2825	
			70 cm				DS 2826E
	5/8 circle Reverse cutting		45 cm			DS 2510AD	
	3/8 Circle Prime Cutting		90 cm	DS 2328			
	3/8 Circle Reverse Cutting		76 cm	DS 2407U			
	3/8 Circle Cutting		90 cm		DS 2404 U		
	5/8 Circle Round Bodied		115cm		DS 2602		
	1/2 circle Taper cutting		45 cm		DS 2511A		
			70 cm		DS 2341	DS 2342	
	1/2 Circle Round Bodied		90 cm		DS 2317	DS 2338	
	1/2 circle Taper cutting		45 cm				DS 2511

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				3-0(2)	2-0(3)	1-0(3.5)	1(4)
 30 mm	1/2 circle Taper cutting		20 cm			DS 2512AA	
			45 cm			DS 2512A	
	1/2 Circle Reverse cutting		90 cm			DS 2535	
 36 mm	1/2 Circle Taper cutting		90 cm	DS 2516		DS 2517	DS 2319
 36 mm OS Needle	1/2 Circle Reverse cutting		90 cm			DS 2534	
 40 mm	1/2 Circle Round Bodied		45 cm			DS 2346S	
			90 cm		DS 2345	DS 2346	
			115 cm			DS 2346 +	
 40 mm	1/2 Circle Taper cutting		90 cm			DS 2518	
			115 cm			DS 2518+	
 40 mm Heavy	1/2 Circle Taper cutting		45 cm				DS 2364S
			90 cm				DS 2364
 40 mm OS	1/2 Circle Reverse cutting		90 cm				DS 2421
 40 mm OB	1/2 Circle Taper cutting		90 cm				DS 2519
			115 cm				DS 2519+
 40 mm Heavy	1/2 Circle Round Bodied		45cm				DS 2347S
			70 cm				DS 2359
			90 cm		DS 2357		DS 2347 DS 2347CT
			115 cm				DS 2347+





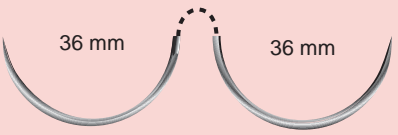











STERILE NEEDLED POLYGLACTIN 910 COATED & BRAIDED SUTURE

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				2-0(3)	1-0(3.5)	1(4)	2 (5)
 40 mm	1/2 Circle Reverse Cutting		45 cm	DS 2382S			
			90 cm	DS 2382	DS 2384	DS 2486	DS 2351
 40 mm 40 mm	1/2 Circle Round Bodied and 1/2 Circle Taper Cutting	 	140 cm		DS2346DA		
			160 cm		DS 2060		
			180 cm		DS 2080		
 40 mm Heavy 40 mm Heavy	1/2 Circle Taper cutting and 1/2 circle Round Bodied	 	140 cm			DS 2347 DA	
			160 cm			DS 2160	
			180 cm			DS 2180	
 40 mm Heavy 45 mm Heavy	1/2 Circle Taper cutting and 1/2 circle Round Bodied	 	180 cm			DS 2180HT	
 40 mm Heavy 50 mm Heavy	1/2 Circle Taper cutting and 1/2 circle Round Bodied	 	180 cm			DS 2280HT	
 45 mm Heavy	1/2 circle Round Bodied		90 cm				DS 2228
			100 cm			DS 2347PB	
 50 mm Heavy	1/2 Circle Round Bodied		100 cm			DS 2448	
			115 cm			DS 2448+	

PRE-CUT SUTURES

SUTURE LENGTH	PACKING	SUTURE SIZE IN USP		
		2-0	1-0	1
1 x 150 cm	Polyglactin 910 in sterile foil over wrap pack 150 cms Box of 12's pack	DS 2203	DS 2204	DS 2205

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP	
				2-0(3)	1-0(3.5)
 <p>36 mm</p>	1/2 Circle Taper cutting		70cm	DS 2762FS	
			90cm		DS 2763F
 <p>36 mm</p>	1/2 Circle Taper cutting		90 cm	DS 2762F	
 <p>36 mm 36 mm</p>	1/2 Circle Round Bodied and 1/2 Circle Taper Cutting	 	150cm	DS 2777F	
 <p>40 mm</p>	1/2 Circle Taper cutting		100cm		DS 2761F
 <p>40 mm Heavy</p>	1/2 Circle Round Bodied		100cm		DS 2710F
 <p>40 mm 40 mm</p>	1/2 Circle Round Bodied and 1/2 Circle Reverse Cutting	 	150cm	DS 2778F	

SYNTHETIC ABSORBABLE SURGICAL SUTURES

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's tensile strength surpasses even the standards set by U.S. Pharmacopoeia and substantially higher than catgut.
- 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.
- 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

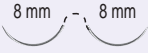



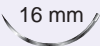





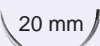

: Minima tissue reaction.

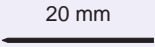

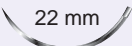

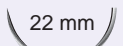

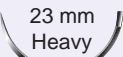



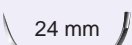

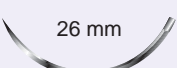


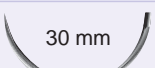

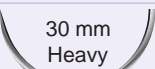

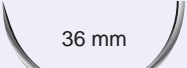

Applications



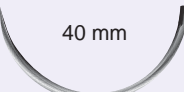



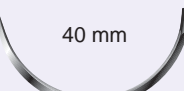

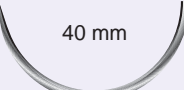

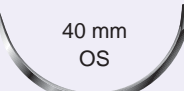



: General Closure, Ophthalmic, Orthopaedics, Obstetrics/Gynaecology & Gastrointestinal Tract Surgery.

Choice

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










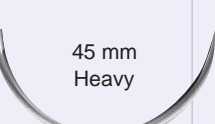


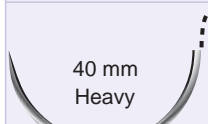










NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				6-0(0.7)	5-0(1)	4-0(1.5)	3-0(2)
 8 mm	1/4 Circle micro point spatulated		45 cm	FS 2670			
 12 mm	3/8 Circle Reverse Cutting		45 cm		FS 2493	FS 2494	FS 2495
 16 mm	3/8 Circle Cutting Prime		45 cm		FS 2442	FS 2443	FS 2471
 16 mm	1/2 Circle Round Bodied		45 cm		FS 2303		
 17 mm	1/2 Circle Taper cutting		45 cm				FS 2515
 20 mm	1/2 Circle Round Bodied		70 cm			FS 2304	FS 2437

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				3-0(2)	2-0(3)	1-0(3.5)	1(4)
 20 mm	Straight Round Bodied (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		70 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			
			90 cm		FS 2404		
	3/8 Circle cutting		90 cm Undyed		FS 2404U		
 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
 36 mm	1/2 Circle Taper cutting		90 cm	FS 2516			

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				2-0(3)	1-0(3.5)	1(4)
 36 mm OS	1/2 Circle Reverse cutting		90 cm		FS 2534	
 40 mm	1/2 Circle Round Bodied		70 cm		FS 2546	
			90 cm	FS 2345	FS 2346	
			115 cm		FS 2346 +	
 40 mm Heavy	1/2 Circle Round Bodied		70 cm			FS 2359
			90 cm			FS 2347
			115 cm			FS 2347+
 40 mm	1/2 Circle Reverse Cutting		45 cm	FS 2382S		
			90 cm	FS 2382	FS 2384	FS 2486
 40 mm	1/2 Circle Taper cutting		45 cm		FS 2361	
			90 cm		FS 2518	
			115cm		FS 2518+	
 40 mm OS	1/2 Circle Reverse cutting		90 cm			FS 2421
 40 mm Heavy	1/2 Circle Taper cutting		70 cm			FS 2363
			90 cm			FS 2364



POLYGLYCOLIC ACID(PGA) SUTURE

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				1-0(3.5)	1(4)	2(5)
 40 mm	1/2 Circle Reverse Cutting		90 cm			FS 2351
 40 mm 40 mm	1/2 Circle Round Bodied and 1/2 Circle Taper cutting	 	140 cm	FS 2346 DA		
			160 cm	FS 2060		
			180 cm	FS 2080		
 40 mm Heavy 40 mm Heavy	1/2 Circle Round Bodied and 1/2 Circle Taper cutting	 	140 cm		FS 2347 DA	
			160 cm		FS 2160	
			180 cm		FS 2180	
 40 mm Heavy  45 mm Heavy	1/2 Circle Taper cutting and 1/2 Circle Round Bodied	 	180 cm		FS 2180HT	
 40 mm Heavy  50 mm Heavy	1/2 Circle Taper cutting and 1/2 Circle Round Bodied	 			FS 2280HT	
 45 mm	3/8 Circle Round Bodied		70 cm		FS 2326	
 45 mm Heavy	1/2 Circle Round Bodied		90 cm			FS 2228
 50 mm Heavy	1/2 Circle Reverse Cutting		90 cm		FS 2438	
	1/2 Circle Round Bodied		100 cm		FS 2448	
			115 cm		FS 2448+	

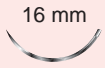

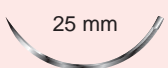



PRE-CUT SUTURES

SUTURE LENGTH	PACKING	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

SYNTHETIC ABSORBABLE SURGICAL SUTURES
Poliglecaprone 25 Sutures

[Poliglecaprone 25] is a monofilament Synthetic Absorbable Suture which is a copolymer of glycolide and caprolactone. This is an improvised synthetic suture acclaimed by most surgeons.













- Virtues** : PETCRYL Mono is smooth, making it easier to pass through the tissues as compared to braided sutures. It has a consistency close to nylon suture material.
- PETCRYL Mono is absorbed in tissues by simple hydrolysis and is known for its reliable absorption.
- Maintains 50 to 60% in-vivo tensile strength at 7 days and 20 to 30% at 14 days.
- Material** : Monofilament Synthetic Absorbable Suture which is a copolymer of glycolide and caprolactone, available in undyed and violet colour.
- Tissue Reaction** : Low tissue reactivity.
- Applications** : Soft-tissue approximation, subcuticular dermis closures of the face and as ligature.
- Caution** : Avoid using in areas of high tension and also for percutaneous skin closure.

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				4-0	3-0	2-0
16 mm 	3/8 Circle Reverse Cutting Prime Needle		70 cm Undyed	FS 1205		
25 mm 	3/8 Circle Cutting Prime Needle		45 cm Undyed		FS 1326S	
			70 cm Undyed		FS 1326	
26 mm 	1/2 Circle Round Bodied V.B. Needle		70 cm Undyed		FS 1664	FS 1665

STERILE NEEDLED MONOFILAMENT POLYDIOXANONE [VIOLET] SYNTHETIC
MONOFILAMENT POLYDIOXANONE SUTURE

Polydioxanone suture provides wound support for longer period as compared to other synthetic absorbable sutures. This suture offers far superior tensile strength.

- Virtues** : Provides wound support for longer periods up to 50 days.
- Polydioxanone suture offers far superior tensile strength and outstanding pliability.
- Its monofilament structure provides excellent handling properties and good knot security.
- Absorption is by simple hydrolysis within 180 days from implantation day. Absorption is reliable and predictable.
- Material** : Polydioxanone suture is made from polymerizing para dioxanone monomer and made available in violet colour for easy identification during surgery.
- Tissue Reaction** : Minimal tissue reaction.
- Applications** : Polydioxanone is an ideal suture for use in general orthopaedic surgery, gastro intestinal tract, sheath closure, paediatric cardiovascular surgery, sub cuticular and general surgery.

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				3.0	2-0	1-0	1
 20 mm	1/2 Circle Round Bodied		70 cm	FS9237			
 30 mm	1/2 Circle Round Bodied		45 cm		FS 9133S		
 30 mm Heavy	1/2 Circle Round Bodied		70 cm			FS 9254	
 40 mm Heavy	1/2 Circle Round Bodied		90 cm			FS 9371	FS 9248
			150 cm Loop			FS 9260	
 50 mm Heavy	1/2 Circle Round Bodied		150 cm Loop				FS 9262
 50 mm Heavy	1/2 Circle Reverse Cutting		90 cm				FS 9374

