

SYNTHETIC ABSORBABLE SURGICAL SUTURES

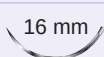
Polyglactin 910 Sutures

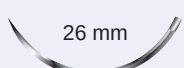
Polyglactin 910 suture is most widely used braided and coated synthetic absorbable suture in the world. On account of its superior properties, this suture has replaced catgut sutures in most applications.

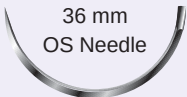
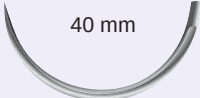
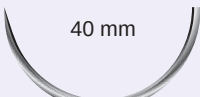
Virtues	:	Coated for smoother passage through tissues. Secured knot placement. Superb handling property. Higher tensile strength during initial implantation period. Retention of 50% of tensile strength at 21 days of implantation. Reliable absorption in tissues by simple hydrolysis.
Material	:	Braided 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

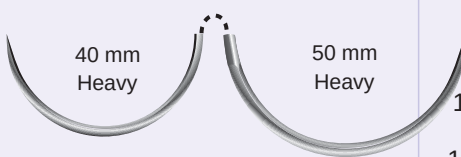
NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				6-0(0.7)	5-0(1)	4-0(1.5)	3-0(2)
	1/4 circle micropoint spatulated		45 cm	DS 2670			
	3/8 Circle Reverse Cutting		45 cm		DS 2493	DS 2494	DS 2495
	1/2 Circle Round Bodied		45 cm		DS 2303		
			70 cm			DS 2305	
	5/8 Circle Cutting		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)
	1/2 circle Taper cutting		20 cm			DS 2512AA	
			45 cm			DS 2512A	
	1/2 Circle Reverse cutting		90 cm			DS 2535	
	1/2 Circle Taper cutting		90 cm	DS 2516		DS 2517	DS 2319
	1/2 Circle Reverse cutting		90 cm			DS 2534	
	1/2 Circle Round Bodied		45 cm			DS 2346S	
			90 cm		DS 2345	DS 2346	
			115 cm			DS 2346 +	
	1/2 Circle Taper cutting		90 cm			DS 2518	
			115 cm			DS 2518+	
	1/2 Circle Taper cutting		45 cm				DS 2364S
			90 cm				DS 2364
	1/2 Circle Reverse cutting		90 cm				DS 2421
	1/2 Circle Taper cutting		90 cm				DS 2519
			115 cm				DS 2519+
	1/2 Circle Round Bodied		45cm				DS 2347S
			70 cm				DS 2359
			90 cm		DS 2357		DS 2347 DS 2347CT
			115 cm				DS 2347+

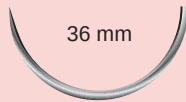
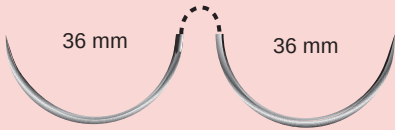


STERILE NEEDLED POLYGLACTIN 910 COATED & BRAIDED SUTURE

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)
 36 mm	1/2 Circle Taper cutting		70cm	DS 2762FS	
			90cm		DS 2763F
 36 mm	1/2 Circle Taper cutting		90 cm	DS 2762F	
 36 mm 36 mm	1/2 Circle Round Bodied and 1/2 Circle Taper Cutting	 	150cm	DS 2777F	
 40 mm	1/2 Circle Taper cutting		100cm		DS 2761F
 40 mm Heavy	1/2 Circle Round Bodied		100cm		DS 2710F
 40 mm 40 mm	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.

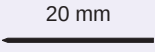
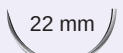
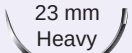
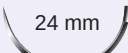
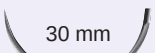
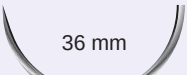
Choice

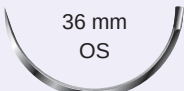
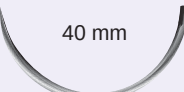
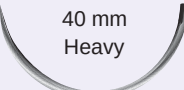
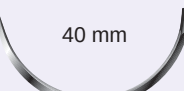
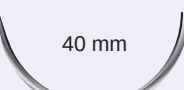
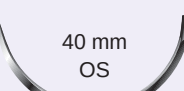
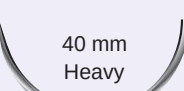
: Needled and Pre-cut sterile sutures conforming to USP standards.



POLYGLYCOLIC ACID (PGA) 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 micro point spatulated		45 cm	FS 2670			
	3/8 Circle Reverse Cutting		45 cm		FS 2493	FS 2494	FS 2495
	3/8 Circle Cutting Prime		45 cm		FS 2442	FS 2443	FS 2471
	1/2 Circle Round Bodied		45 cm		FS 2303		
	1/2 Circle Taper cutting		45 cm				FS 2515
	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)
	Straight Round Bodied (SRS needle)		45 cm				FS 2545
	3/8 Circle Cutting		45 cm	FS 2401			
	1/2 Circle Cutting		90 cm	FS 2472			
	1/2 Circle Reverse cutting		70 cm				FS 2826E
	5/8 Circle Reverse cutting		45 cm			FS 2510 AD	
	1/2 Circle Reverse cutting		45 cm			FS 2510	
	3/8 Circle Reverse cutting		76 cm Undyed	FS 2407U			
			90 cm		FS 2404		
	3/8 Circle cutting		90 cm Undyed		FS 2404U		
	1/2 Circle Round Bodied		70 cm		FS 2341	FS 2342	
			90 cm		FS 2317	FS 2338	
	1/2 Circle Taper cutting		45 cm				FS 2511
	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)
	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 Reverse Cutting		45 cm	FS 2382S		
			90 cm	FS 2382	FS 2384	FS 2486
	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
	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)
	1/2 Circle Reverse Cutting		90 cm			FS 2351
	1/2 Circle Round Bodied and 1/2 Circle Taper cutting		140 cm	FS 2346 DA		
			160 cm	FS 2060		
			180 cm	FS 2080		
	1/2 Circle Round Bodied and 1/2 Circle Taper cutting		140 cm		FS 2347 DA	
			160 cm		FS 2160	
			180 cm		FS 2180	
	1/2 Circle Taper cutting and 1/2 Circle Round Bodied		180 cm		FS 2180HT	
	1/2 Circle Taper cutting and 1/2 Circle Round Bodied				FS 2280HT	
	3/8 Circle Round Bodied		70 cm		FS 2326	
	1/2 Circle Round Bodied		90 cm			FS 2228
	1/2 Circle Reverse Cutting		90 cm		FS 2438	
	1/2 Circle Round Bodied		100 cm		FS 2448	
			115 cm		FS 2448+	

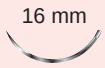
PRE-CUT SUTURES

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	:	smooth, making it easier to pass through the tissues as compared to braided sutures. It has a consistency close to nylon suture material. 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.

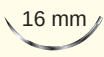
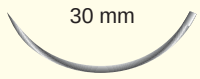
Virtues	:	Provides wound support for longer periods up to 50 days. Polydioxanone suture offers far superior tensile strength and outstanding pliability. Its monofilament structure provides excellent handling properties and good knot security. Absorption is by simple hydrolysis within 180 days from implantation 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

ABSORBABLE SURGICAL SUTURES

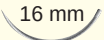
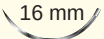
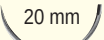
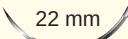
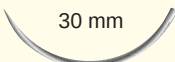
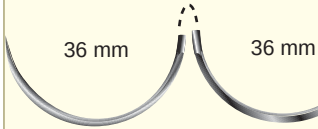
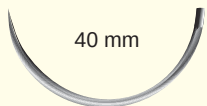
Catgut Sutures-Plain and Chromic

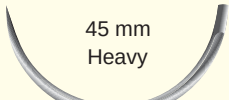
Virtues	: Most widely used in the surgery. Good tensile strength. Excellent handling property & easy to knot, even in depth. Twisted multi-filament with virtually monofilament finish.
Material	: Catgut, a natural absorbable suture is obtained by longitudinally slitting the intestinal submucosa of sheep and goat, twisting the ribbons and joining them in wet condition giving monofilament finish. Available in Plain (ivory colour) and Chromic in dark brown colour.
Tissue Reaction	: Moderate. Plain catgut enjoys lower tissue reaction as compared to chromicised.
Applications	: General closure, Ophthalmic, Orthopaedics, Obstetrics/Gynaecology and Gastro-intestinal Tract Surgery.
Choice	: Needled and Pre-Cut Sterile Sutures conforming to USP Standards.
Caution	: Avoid using where long term tissue approximation is needed. Absorption is faster in infected tissues.
Absorption	: Absorption by enzymatic hydrolysis and starts losing tensile strength on implantation from 12-15 days for Catgut Plain and 18-21 days for Catgut Chromic

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				4-0(2)	3-0(3)	2-0(3.5)	1-0(4)
 16 mm	3/8 Circle Cutting		76 cm	FS 4270			
 22 mm	3/8 Circle Cutting		76 cm		FS 5010		
 30 mm	1/2 Circle Round Bodied		76 cm				FS 4342
 30 mm	3/8 Circle Round Bodied		76 cm			FS 5033	

PRECUT SUTURES (NON NEEDLED)

SUTURE LENGTH	PACKING	SUTURE SIZE IN USP			
		2-0(3.5)	1-0(4)	1(5)	2(6)
1 x 152 cm	Catgut plain - in sterile foil over wrap pack 152 Cms. Box of 12's pack	FS 2003	FS 2004	FS 2005	FS 2006

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				4-0(2)	3-0(3)	2-0(3.5)	1-0(4)
	1/2 Circle Reverse Cutting		76 cm		FS 4272		
	3/8 Circle Round Bodied		76 cm	FS 5048			
	3/8 Circle Cutting		76 cm	FS 4280	FS 4274		
	1/2 Circle Round Bodied		30 cm				FS 4235
	1/2 Circle Round Bodied		76 cm		FS 4237		
	3/8 Circle Cutting		76 cm		FS 4201		
	3/8 Circle Round Bodied		76 cm			FS 4216	FS 4217
	1/2 Circle Round Bodied		76 cm			FS 4241	FS 4242
			152 cm				FS 2214+
	1/2 Circle Round Bodied		76 cm				FS 4254
	1/2 Circle Round Bodied and 1/2 Circle Reverse Cutting	 	152 cm			FS 4277	
	3/8 Circle Round Bodied		76 cm			FS 4220	FS 4221
	1/2 Circle Round Bodied		76 cm			FS 4245	FS 4246

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				1-0(4)	1(5)	2(6)
 40 mm	1/2 Circle Round Bodied		152 cm		FS 2215+	
 40 mm Heavy	1/2 Circle Round Bodied		76 cm	FS 4258	FS 4259	
 40 mm Heavy	1/2 Circle Taper Cutting		100 cm	FS 4279	FS 4297	
 45 mm	3/8 Circle Round Bodied		76 cm	FS 4225	FS 4226	
 45 mm	1/2 Circle Round Bodied		152 cm			FS 2216+
 45 mm Heavy	1/2 Circle Round Bodied		76 cm		FS 4259HT FS 4227S	FS 4228S
			100 cm	FS 4229	FS 4227	
 45 mm	1/2 Circle Round Bodied and 1/2 Circle Reverse Cutting	 	152 cm	FS 4276	FS 4275	
 50 mm Heavy	1/2 Circle Round Bodied		100 cm		FS 4248	

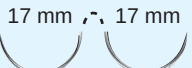
PRECUT SUTURES (NON NEEDLED)

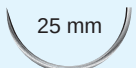
SUTURE LENGTH	PACKING	SUTURE SIZE IN USP				
		3-0(3)	2-0(3.5)	1-0(4)	1(5)	2(6)
1 x 152 cm	Catgut chromic - in sterile foil over wrap. pack 152 Cms. box of 12's pack	FS 2212	FS 2213	FS 2214	FS 2215	FS 2216 FS 2216S (100 cm)

NONABSORBABLE SURGICAL SUTURES

* Monofilament Polypropylene

Virtues	: Monofilament suture with excellent tensile strength and reasonable elasticity. Its pliable smooth surface makes it excellent for easy passage.
Material	: Synthetic, Polypropylene Suture. Blue coloured for easy identification during surgery.
Tissue Reaction	: Minimal tissue reaction. Does not support infection. No tissue rupture.
Applications	: General closure, Cardiovascular, Ophthalmic, Orthopaedic, Plastic and Micro
Choice	: Loop, Needled and pre-cut sterile sutures conforming to USP standards.
Caution	: Avoid damage to the surface of 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)	2-0(3)
 12 mm	3/8 Circle Reverse Cutting		45 cm	FS 878				
			70 cm		FS 880			
 16 mm	3/8 Circle Round Bodied		70 cm		FS 881			
 16 mm	3/8 Circle Cutting		70 cm			FS 870		
 16 mm	1/2 Circle Round Bodied		70 cm			FS 849		
 16 mm 16 mm	3/8 Circle Round Bodied and 3/8 Circle Reverse cutting	 	70 cm		FS 882			
 17 mm 17 mm	1/2 Circle Taper cutting		70 cm			FS 835		
 20 mm	1/2 Circle Round Bodied		70 cm				FS 887	
 22 mm	3/8 Circle Cutting		80 cm				FS 018	FS 017
 25 mm	1/2 Circle Round Bodied		90 cm				FS 825	
 25 mm 25 mm	1/2 Circle Round Bodied		70 cm				FS 822	

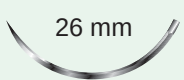
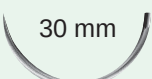
NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				2-0(3)	1-0(3.5)	1(4)
 25 mm	1/2 Circle Taper cutting		70 cm	FS 807	FS 805	
 25 mm  25 mm	1/2 Circle Taper Cutting		90 cm	FS 877		
 26 mm  26 mm	1/2 Circle Round Bodied		90 cm		FS 824	
 30 mm	1/2 Circle Round Bodied		90 cm	FS 841	FS 842	
 30 mm Heavy	1/2 Circle Round Bodied		90 cm		FS 830	FS 840
 40 mm Heavy	1/2 Circle Round Bodied		100 cm			FS 843
 45 mm Heavy	1/2 Circle Reverse Cutting		100 cm			FS 883

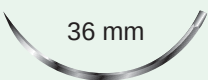
NONABSORBABLE SURGICAL SUTURES

* Monofilament Polyamide	
Virtues	: Being monofilament, Linex is remarkably smooth and gives excellent knot security. Possesses good tensile strength. Easy removal with no tissue adherence.
Material	: Polyamide 6 suture (Nylon). Blue/Black coloured for easy identification in the operating field.
Tissue Reaction	: Linex Suture is inert like stainless steel. Maintains tensile strength indefinitely in tissues. Does not support infection.
Applications	: General closure, Skin and Plastic Surgery. Also used for Ophthalmic and Micro
Choice	: Loop, Needled and pre-cut sterile sutures conforming to USP standards.
Caution	: Not recommended for attachment of artificial prostheses in Cardiovascular surgery.



MONOFILAMENT POLYAMIDE SUTURE

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP					
				10-0	6-0(0.7)	5-0(1)	4-0(1.5)	3-0(2)	2-0(3)
	3/8 Circle spatulated micro point		38 cm	FS 3719					
	3/8 Circle Reverse Cutting		70 cm		FS 3320				
	3/8 Circle Reverse Cutting		70 cm			FS 3317			
	3/8 Circle Cutting		35 cm			FS 3315			
			70 cm				FS 3318	FS 3321	
	3/8 Circle Reverse Cutting		35 cm					FS 3328S	FS 3329S
			70 cm					FS 3328M	FS 3329M
			100 cm					FS 3328	FS 3329
	1/2 Circle Round Bodied		100 cm						FS 3720

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				2-0(3)	1-0(3.5)	1(4)
	3/8 Circle Cutting		100 cm	FS 3236	FS 3239	
	1/2 Circle Reverse cutting		100 cm	FS 3335	FS 3337	
			45 cm	FS 3335S	FS 3337S	
	1/2 Circle Round Bodied		150 cm Loop		FS 3340	
	1/2 Circle Reverse cutting		100 cm		FS 3339	
	1/2 Circle Round Bodied		100 cm		FS 3346	FS 3347

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				2-0(3)	1-0(3.5)	1(4)
 45 mm	3/8 Circle Reverse Cutting		45 cm	FS 3336S		
			70 cm	FS 3336M		
			100 cm	FS 3336		FS 3334
 45 mm Heavy	1/2 Circle Reverse Cutting		45cm			FS 3338S
			100 cm			FS 3338
 50 mm Heavy	1/2 Circle Round Bodied		150 cm Loop			FS 3348
 60 mm	Straight Cutting		70 cm	FS 3390	FS 3389	
	3/8 Circle Cutting		100 cm			FS 3397

PRE-CUT SUTURES

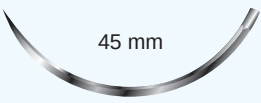
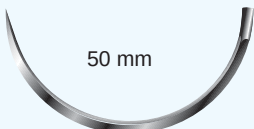
SUTURE LENGTH	PACKING	SUTURE SIZE IN USP		
		2-0(3)	1-0(3.5)	1(4)
5 x 35 cm	Sterilised Monofilament in sterilised foil over wrap. 5 x 35 cm box of 12's pack	FS 703	FS 704	FS 705
2 x 76 cm	Sterilised Monofilament in sterilised foil over wrap. 2 x 76 cm box of 12's pack	FS 903	FS 904	FS 905

NONABSORBABLE SURGICAL SUTURES

Black Braided Silk	
Virtues	: Most widely used. Excellent handling characteristics. Good knot security.
Material	: Entwined thread from silk worm larva. Treated with silicone or wax to give strength and smooth surface.
Tissue Reaction	: Moderate
Applications	: General closure, G. I. Tract, Plastic, Skin, Ophthalmic, Cardiovascular Surgeries. Widely used as ligature.
Choice	: Needled and pre-cut sterile sutures conforming to USP standards.
Caution	: Avoid using in the presence of infection. Not used in biliary and urinary tract surgery.

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				5-0(1)	4-0(1.5)	3-0(2)	2-0(3)
 12 mm	3/8 Circle Reverse Cutting		76 cm	FS 5080			
 16 mm	3/8 Circle Cutting		76 cm		FS 5001	FS 5002	
 16 mm	3/8 Circle Round bodied		76 cm	FS 5081	FS 5082		
 16 mm	1/2 Circle Round Bodied		76 cm		FS 5049		
 20 mm	1/2 Circle Round Bodied		76 cm		FS 5086	FS 5087	
 25 mm	1/2 Circle Round Bodied		76 cm			FS 5070	
 25 mm	1/2 Circle Taper Cutting		76 cm				FS 5670
 26 mm	3/8 Circle Reverse Cutting		76 cm			FS 5028	FS 5029

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				2-0(3)	1-0(3.5)	1(4)	2(5)
 30 mm Heavy	1/2 Circle cutting		76 cm	FS 5072			
 30 mm	1/2 Circle cutting		76 cm		FS 5077		
 30 mm	1/2 Circle Round Bodied		76 cm	FS 5333	FS 5334		
			90 cm	FS 5331			
 36 mm	3/8 Circle cutting		76 cm		FS 5360	FS 5361	FS 5362
 40 mm	1/2 Circle cutting		76 cm		FS 5064		
 40 mm	1/2 Circle Reverse cutting		76 cm	FS 5067	FS 5068	FS 5069	
 40 mm	1/2 Circle Round Bodied		76 cm		FS 5075		FS 5073

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				2-0(3)	1-0(3.5)	1(4)
 40 mm Heavy	1/2 Circle Round Bodied		90 cm			FS 5063
 45 mm	3/8 Circle Reverse Cutting		90 cm	FS 5036	FS 5037	
 50 mm	1/2 Circle Reverse Cutting		76 cm	FS 5052		
 60 mm	3/8 Circle Cutting		76 cm			FS 5062

PRECUT SUTURES (NON NEEDED)

SUTURE LENGTH	PACKING	SUTURE SIZE IN USP				
		3-0(2)	2-0(3)	1-0(3.5)	1(4)	2(5)
2 x 76 cm	Sterilised black braided silk in sterile foil over wrap. 2 x 76 cm box of 12's pack.	FS 212	FS 213	FS 214	FS 215	FS 216

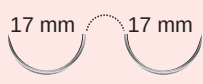
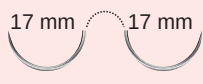
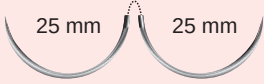
SILK REELS

SUTURE LENGTH 25 METERS	PACKING	SUTURE SIZE IN USP				
		3-0(2)	2-0(3)	1-0(3.5)	1(4)	2(5)
6 Reels in a Box Non sterile	Surgical black braided 6 reels x 25 meters. (Non-sterile)	F 822	F 823	F 824	F 825	F 826

NON-ABSORBABLE SURGICAL SUTURES

* **Polyester Sutures**

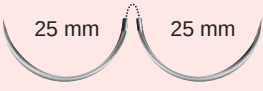
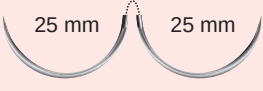
- Virtues** : Good tensile strength for long time in tissue. Uniformly coated silicone Provides easy passage through tissues.
- Material** : Precisely braided polyester with silicone coating. Available in green and white colours.
- Tissue Reaction:** Minimal tissue reaction
- Applications** : General closure, Cardiovascular, Plastic surgery, Orthopaedics, Ophthalmic and Skin surgery.
- Choice** : Sterile Needled suture conforming to U.S.P. standards

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP		
				4-0	3-0	2-0
	1/2 Circle Taper Cutting - Green with PTFE Pledgets of 6mmx3mmx1.5mm		90 cm			PTS 6937
	1/2 circle Taper Cutting - White with PTFE Pledgets of 6mmx3mmx1.5mm		90 cm			PTS 6917
	1/2 Circle Taper Cutting - Green		90 cm	TS 6935	TS 6936	TS 6937
	1/2 Circle Round Bodied - Green		90 cm		FS 623	
	1/2 Circle Round Bodied - Green		100 cm		FS 655	

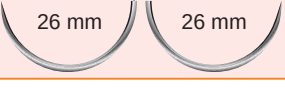


POLYESTER - COATED & BRAIDED SUTURES

NON-ABSORBABLE SURGICAL SUTURES

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				3-0	2-0	2	5
	1/2Circle Taper Cutting White with PTFE Pledgets of 6mmx3mmx1.5mm		90cm		PTS 6987		
	1/2circle Taper Cutting Green with PTFE Pledgets of 6mmx3mmx1.5mm		90 cm		PTS 6977		
	1/2Circle Taper Cutting Green		90 cm		TS 6977		
	1/2Circle Taper Point		100 cm	TS 6552			
	1/2Circle Taper Cutting Heavy		100 cm			TS 4842	
	1/2Circle T.car Point Heavy		100 cm				TS 4845

SUTURE BOOK

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP
				2-0
	½ Circle Taper Cutting SX 5 Green sutures - 5 White sutures		75 cm	10B52
	½ Circle Taper Cutting SX 5 Green sutures - 5 White sutures		75 cm	10B72

SUTURE BOOK WITH PLEDGETS

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP
				2-0
	1/2Circle Taper Cutting SX Green sutures 5x75 cm - White 5x75cm with PTFE Pledgets 6mmx3mmx1.5mm		75 cm	10B55
	1/2Circle Taper Cutting SX Green sutures 5x75 cm - White 5x75cm with PTFE Pledgets 6mmx3mmx1.5mm		75 cm	10B77

STAINLESS STEEL SUTURES

Steel Sutures are manufactured from surgical grade 316 LVM grade stainless steel and are normally used as sternum wires for bone-fixing.

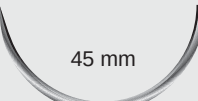
Virtues : Steel sutures are soft and are specially annealed to make them ductile to reduce chances of breakage. Surgical grade steel is used so that the suture remains inert and there is no tissue reaction

Material : Sutures are made from molybdenum alloyed vacuum re-melted stainless steel ideal for medical implants. Further steel sutures are bright, drawn and annealed and has a strength of 700 to 800 Mpa.

Tissue Reaction : No tissue reaction. Does not support infection.

Applications : Sternal closure, abdominal wound closure, hernia repair, cerclage and tendon repair.

Choice : Available from USP size 1 to size 7 with a variety of blunt, taper cutting, reverse cutting and conventional cutting needles

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP				
				1	2	5	6	7
 40 mm	1/2 Circle Blunt Point Round Bodied		4 x 45 cm	SS 661	SS 662			
 40 mm	1/2 Circle Taper Cutting		4 x 45 cm	SS 660	SS 650			
 45 mm	1/2 Circle Blunt Point Round Bodied		4 x 45 cm			SS 651	SS 649	
			2 x 75 cm				SS 645	
 48mm	1/2 Circle Conventional Cutting		4 x 45 cm			SS 653	SS 654	SS 657
			2 x 75 cm			SS 646	SS 644	
 48mm	1/2 Circle Blunt Point Round Bodied		2 x 75 cm			SS 643		



MONOFILAMENT POLYPROPYLENE [BLUE]

NONABSORBABLE SURGICAL SUTURES

MONOFILAMENT POLYPROPYLENE [BLUE]

Special range of finer monofilament polypropylene sutures made for usage in cardiovascular, ophthalmic, plastic and micro surgeries.

Virtues : Polypropylene sutures are exceptionally smooth and have uniform surface which allows easy passage through tissues. High tensile strength and knot security makes it ideal for cardiovascular usage.

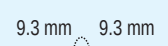
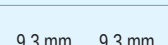
Material : Synthetic, monofilament polypropylene suture. FDA approved blue colour for easy identification. High quality 300 series alloy needles for exceptional performance in terms of sharpness, strength and ductility.

Tissue Reaction : Minimal tissue reaction. Does not support infection. No tissue rupture.

Applications : Cardiovascular, ophthalmic, plastic and micro surgeries.

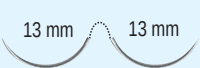
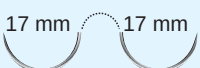
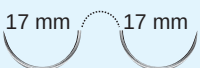
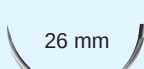
Choice : Single and double needle. Available with PTFE pledgets sized 3x3mm or 3x6mm and also without pledgets.

Caution : Avoid damage to the surface of suture

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP			
				8-0	7-0	6-0	5-0
	3/8 Circle Taper Point		60 cm	CV 2086			
	3/8 Circle Taper Point		60 cm	CV 2088	CV 2078		
	3/8 Circle Taper Point CC		75 cm	CV 8703		CV 8704	
	3/8 Circle Taper Point VB		75 cm	CV 8303	CV 8304	CV 8305	
	3/8 Circle Taper Point		75 cm		CV 8702	CV 8712	
	3/8 Circle Taper Point		60 cm	CV 2080		CV 8804	
	1/2 Circle Taper Point		60 cm				CV 8803
	3/8 Circle Taper Point 220 micron		75 cm			CV 8802	
	282 micron		75 cm			CV 8597	



MONOFILAMENT POLYPROPYLENE [BLUE]

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE IN USP				
				6-0	5-0	4-0	3-0	2-0
	3/8 Circle Taper Point		60 cm	CV 8726				
			75 cm	CV 8707				
	3/8 Circle Taper Point CC		75 cm	CV 8706				
	1/2 Circle Taper Point		60 cm			CV 8204		
			90 cm		CV 8710			
	3/8 Circle Taper Point		90 cm		CV 8721			
	3/8 Circle Taper Point VB		75 cm	CV 8307				
	1/2 Circle Taper Cutting		70 cm			CV 899		
	1/2 Circle Taper Cutting		90 cm			CV 8935	CV 8936	CV 8937
	1/2 Circle Taper Point		90 cm		CV 8556	CV 8557		
	1/2 Circle Taper Cutting		90 cm		CV 8556TC			
	1/2 Circle Taper Point		90 cm		CV 8556SA			
	1/2 Circle Taper Point		75 cm		CV 892			
	1/2 Circle Round Bodied		70 cm				CV 822	
	1/2 Circle Taper Cutting		90 cm					CV 877
	1/2 Circle Taper Point		90 cm				CV 8522	
	1/2 Circle Round Bodied		90 cm				CV 825	

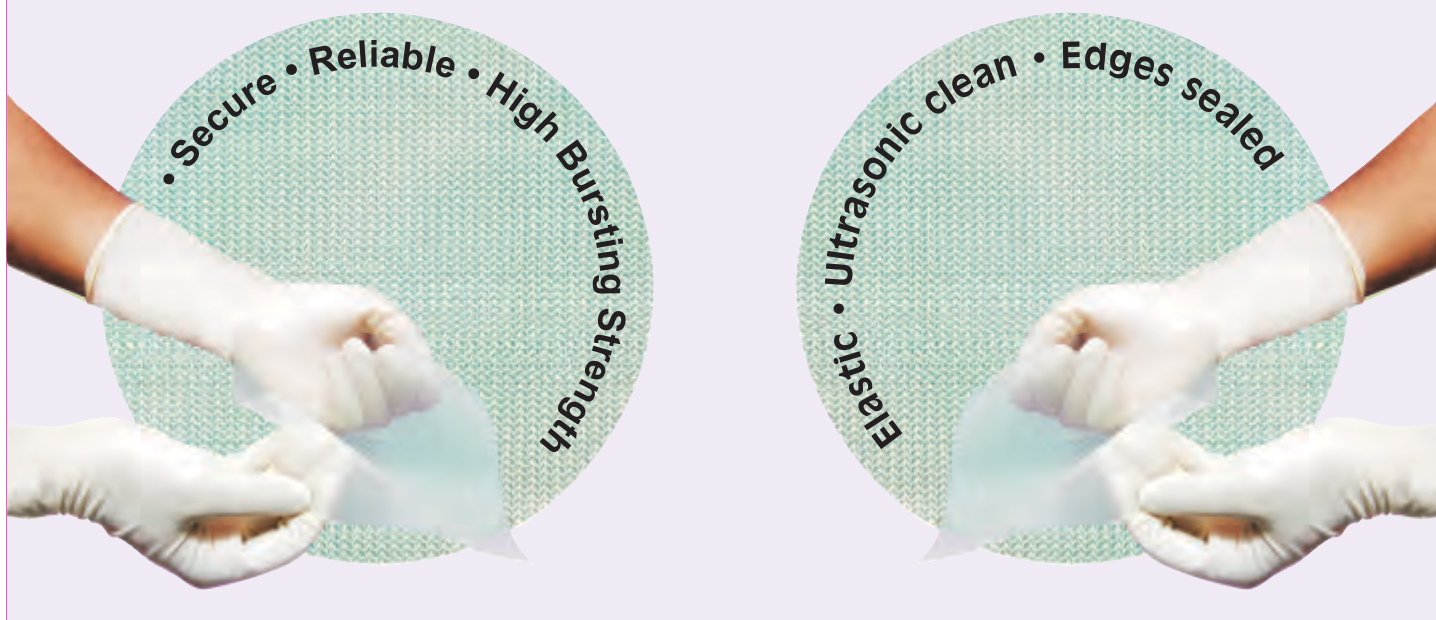


Mesh

Mesh is intended to assist in the repair and reinforcement of hernia and other fascial defects requiring the additional support of a non-absorbable mesh during and after wound healing. Mesh is knitted from monofilament fibers of polypropylene polymer from which surgical sutures are manufactured. The mesh measures approximately 0.022" (0.57 mm) in thickness and exhibits high burst strength and tensile strength. In the form of a surgical suture, synthetic polypropylene is reported to resist tensile strength loss indefinitely in tissue. Mesh is knitted in such fashion as to interconnect each monofilament fiber and provide bi-directional elasticity, while allowing the mesh to be cut to any shape without unraveling.

mesh is available in popular sizes of 30x30, 15x15, 10x15, 8x15 and 6x11 cm.

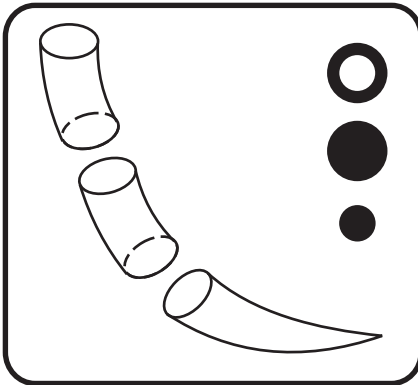
PROPERTIES	MESH
	PM SOFT
Bursting Strength [in Newtons]	102
Thickness	0.28 mm
Fabric Weight [gms/m ²]	35
Fabric Count [dtex]	71
Monofilament Diameter	0.10mm
Pore size	1.20 mm



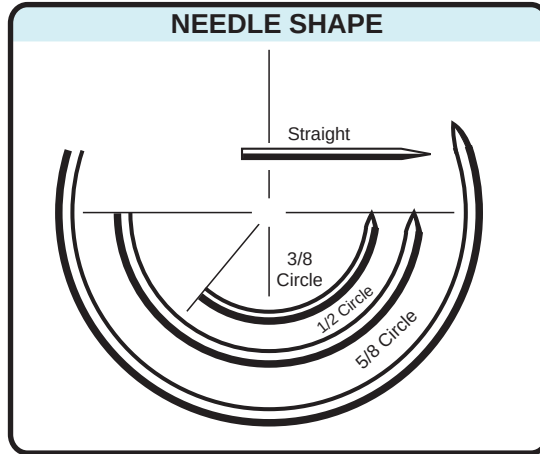
ATRAUMATIC NEEDLES

NEEDLE PROFILE

ROUND BODIED

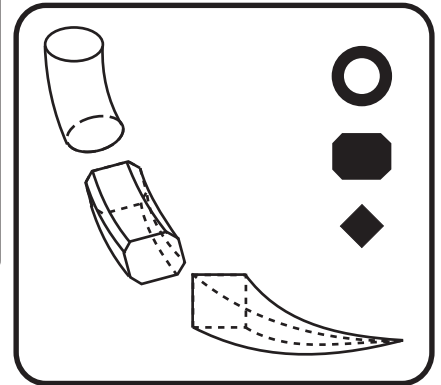


NEEDLE SHAPE

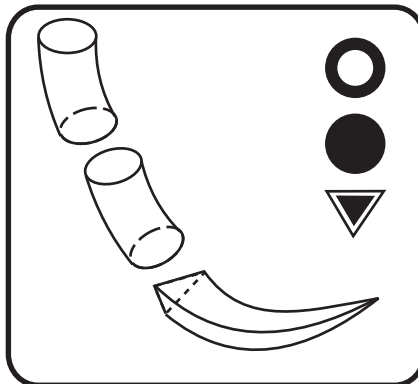


NEEDLE PROFILE

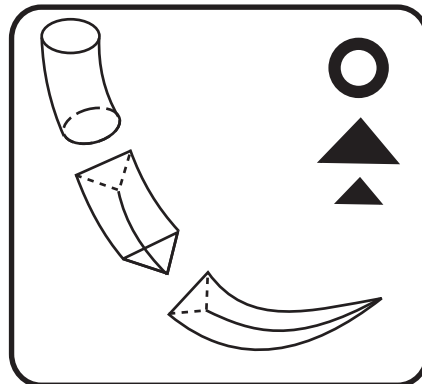
T. CAR POINT



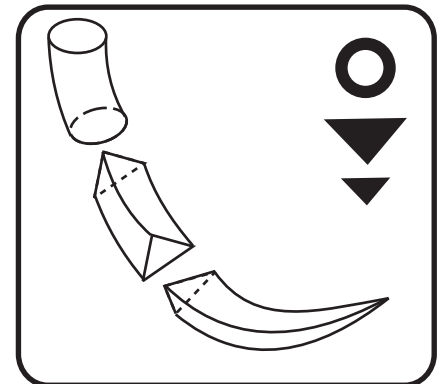
TAPER CUTTING



CUTTING



REVERSE CUTTING



SUTURE SIZE & DIAMETER

USP SIZE		DIAMETER LIMITS (IN MM)	METRIC SIZE
ABSORBABLE SUTURES (Catgut Chromic & Plain)	NONABSORBABLE & SYNTHETIC ABSORBABLE SUTURES		
-----	6-0	0.070 - 0.099	0.7
6-0	5-0	0.100 - 0.149	1
5-0	4-0	0.150 - 0.199	1.5
4-0	3-0	0.200 - 0.249	2
3-0	2-0	0.300 - 0.339	3
2-0	0	0.350 - 0.399	3.5
0	1	0.400 - 0.499	4
1	2	0.500 - 0.599	5
2	3 & 4	0.600 - 0.699	6
3	5	0.700 - 0.799	7