

Absorbable Surgical Suture

EGY-PDS

- Polydioxanone (PDO)
- Synthetic
- Monofilament
- Dyed and Undyed



STERILE EO

1) Description

- A sterile synthetic absorbable surgical suture based on poly (p-dioxanone)
- Monofilament
- Available dyed (violet) and undyed.
 - Dyed: D&C violet no. 2 (C.I.60725), FDA approved dye
 - Undyed: golden yellow in color
- Complies with all requirements of USP and EP
- Sterilized using Ethylene Oxide (EO)

2) Indications

Indicated for use in general soft tissues approximation where extended wound support is required (more than 6 months) while absorbable suture is desirable. Also indicated for pediatric cardiovascular surgery, ophthalmic surgery, and microsurgery.

3) Performance

Elicits a minimal tissue reaction and growth of fibrous connective tissue.

Absorption occurs by means of hydrolysis, where the polymer degrades to monomeric acid to 2-hydroxyethoxyacetic acid which is subsequently absorbed and metabolized in the body. Absorption begins with gradual loss of tensile strength followed by a complete loss of mass.

Breaking strength retention: *In-vivo* test shows that EGY-PDS retain equals to 60 -75 % of original tensile strength after 2 weeks from implantation.

Note: Complete absorption will essentially occur from 180 to 210 days. This is an average with respect to USP size difference.

4) State of Product & Way of Supply

- Sterile
- USP sizes ranging from 8/0 to 2 (metric sizes: 0.4 to 5)
- Variety of lengths with needles
- Dozen box

Common surgical Indications:

Surgery	Needle size
VASC	From 8 mm to 13 mm
PLASTIC/SKIN/SUBCUTICULAR	
SKIN/SUBCUTICULAR	
VASC/PAED/UROL	
VASC/PAED	
ENDOSCOPY	From 15mm to 22mm
SKIN/SUBCUTICULAR	
UROL/G.I./PAED	
PLASTIC/SKIN/SUBCUTICULAR	
UROL/VASC	
ORAL/DENTAL	From 23mm to 30mm
ORTHO	
SKIN/SUBCUTICULAR	
PAED/FASCIA/OBS/GYN	
G.I./PAED/FASCIA	
GYN/FASCIA/G.I./ORTHO	From 35mm to 40mm
PLASTIC/SKIN/SUBCUTICULAR	
SKIN/SUBCUTICULAR	
FASCIA/OBS/GYN	
ORTHO/FASCIA/OBS/GYN	
GYN/FASCIA/G.I.	
FASCIA	
G.I./PAED/FASCIA	
PLASTIC/SKIN/SUBCUTICULAR	From 35mm to 40mm
SKIN/SUBCUTICULAR	
ORTHO/FASCIA/OBS/GYN	
FASCIA	
G.I./PAED/FASCIA	
ORTHO	From 45mm to 50mm
ORTHO/GYN	
FASCIA/PERITONEUM	
FASCIA	
SKIN/SUBCUTICULAR	60mm
SUBCUTICULAR	
FASCIA	



Needle				Thread			Code
Needle Description		length/ Shape	Symbol	Color	USP	length	
Single	TP 1/2C	48 mm		violet	2	1 × 75 cm	MD4223
					1	1 × 75 cm	MD4124
					0	1 × 75 cm	MD4020
Single	TP 1/2C	40 mm		violet	2	1 × 75 cm	MD4222
					1	1 × 75 cm	MD4122
					0	1 × 75 cm	MD4024
					2/0	1 × 75 cm	MD4274
Single	TP 1/2C	36 mm		violet	1	1 × 75 cm	MD4121

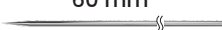
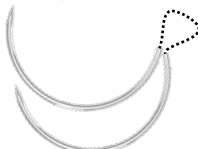
Needle				Thread			Code
Needle Description		length/ Shape	Symbol	Color	USP	length	
Single	TP 1/2C	30 mm 		violet	1	1 × 75 cm	MD4120
					0	1 × 75 cm	MD4023
					2/0	1 × 75 cm	MD4273
					3/0	1 × 75 cm	MD4324
					4/0	1 × 75 cm	MD4424
Single	TP 1/2C	26 mm 		violet	2/0	1 × 75 cm	MD4272
					3/0	1 × 75 cm	MD4323
Single	TP 1/2C	25 mm 		violet	0	1 × 75 cm	MD4022
Single	TP 1/2C	22 mm 		violet	2/0	1 × 75 cm	MD4271
					3/0	1 × 75 cm	MD4322
					4/0	1 × 75 cm	MD4423
Single	TP 1/2C	18 mm 		violet	3/0	1 × 75 cm	MD4321
Single	TP 1/2C	16 mm 		violet	5/0	1 × 75 cm	MD4524S
					6/0	1 × 75 cm	MD4623
Single	TP 1/2C	13 mm 		violet	4/0	1 × 75 cm	MD4421
					5/0	1 × 75 cm	MD4522
					6/0	1 × 75 cm	MD4622
Single	TP 3/8C	16 mm 		violet	4/0	1 × 75 cm	MD4412
					5/0	1 × 75 cm	MD4514

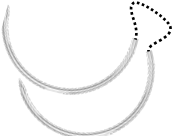
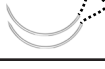
Needle				Thread			Code
Needle Description		length/ Shape	Symbol	Color	USP	length	
Single	TP 3/8C	13 mm		violet	4/0	1 × 75 cm	MD4410
					5/0	1 × 75 cm	MD4513
Single	RC 1/2C	48 mm		violet	1	1 × 75 cm	MD4129
					0	1 × 75 cm	MD4029
Single	RC 1/2C	40 mm		violet	1	1 × 75 cm	MD4128
					0	1 × 75 cm	MD4028
Single	RC 3/8C	36 mm		violet	2/0	1 × 75 cm	MD4268
Single	RC 3/8C	30 mm		violet	2/0	1 × 75 cm	MD4266
Single	RC 3/8C	26 mm		violet	2/0	1 × 75 cm	MD4267
					3/0	1 × 75 cm	MD4318
Single	RC 3/8C	22 mm		violet	3/0	1 × 75 cm	MD4317
					4/0	1 × 75 cm	MD4419
Single	RC 3/8C	19 mm		violet	4/0	1 × 75 cm	MD4418
Single	RC 3/8C	16 mm		violet	4/0	1 × 75 cm	MD4417
					5/0	1 × 75 cm	MD4519
					6/0	1 × 75 cm	MD4618

Needle				Thread			Code
Needle Description		length/ Shape	Symbol	Color	USP	length	
Single	RC 3/8C	12 mm 		violet	6/0	1 × 75 cm	MD4617
Single	RC 3/8C	10 mm 		violet	6/0	1 × 75 cm	MD4616
Single	RC 3/8C	26 mm 		undyed	3/0	1 × 75 cm	MU4318
Single	RC 3/8C	22 mm 		undyed	3/0	1 × 75 cm	MU4317
					4/0	1 × 75 cm	MU4419
Single	RC 3/8C	19 mm 		undyed	4/0	1 × 75 cm	MU4418
Single	RC 3/8C	16 mm 		undyed	4/0	1 × 75 cm	MU4417
					5/0	1 × 75 cm	MU4519
Single	RC 3/8C	12 mm 		undyed	6/0	1 × 75 cm	MU4617
Single	RC 3/8C	10 mm 		undyed	6/0	1 × 75 cm	MU4616
Single	SC 0C	60 mm 		undyed	3/0	1 × 75 cm	MU4307
					4/0	1 × 75 cm	MU4407
Single	TC 1/2C	45 mm 		violet	1	1 × 75 cm	MD4127
					0	1 × 75 cm	MD4027

Needle				Thread			Code
Needle Description		length/ Shape	Symbol	Color	USP	length	
Single	TC 1/2C	35 mm 		violet	1	1 × 75 cm	MD4126
					0	1 × 75 cm	MD4026
					2/0	1 × 75 cm	MD4278
Single	TC 1/2C	25 mm 		violet	2/0	1 × 75 cm	MD4277
					3/0	1 × 75 cm	MD4327
Single	SC 0C	60 mm 		violet	2/0	1 × 75 cm	MD4258
Single	TP 1/2C Heavy	48 mm 		violet	2	1 × 75 cm	MD4224
Single	TP 1/2C Heavy	40 mm 		violet	2	1 × 75 cm	MD4221
Single Heavy	TC J	30 mm 		violet	1	1 × 75 cm	MD4148
					0	1 × 75 cm	MD4048
Single	BL 1/2C Heavy	45 mm 		violet	1	1 × 90 cm	LD4122BL
Single	RC 3/8C P Needle	36 mm 		violet	2/0	1 × 75 cm	MD4268PN

Needle				Thread			Code
Needle Description		length/ Shape	Symbol	Color	USP	length	
Single	RC 3/8C P Needle	30 mm 		violet	2/0	1 × 75 cm	MD4267PN
Single	RC 3/8C P Needle	26 mm 		violet	3/0	1 × 75 cm	MD4318PN
Single	RC 3/8C P Needle	19 mm 		violet	5/0	1 × 75 cm	MD4516PN
Single	RC 3/8C P Needle	16 mm 		violet	5/0	1 × 75 cm	MD4518PN
Single	RC 3/8C P Needle	12 mm 		violet	5/0	1 × 75 cm	MD4517PN
Single	RC 3/8C P Needle	36 mm 		undyed	2/0	1 × 75 cm	MU4268PN
Single	RC 3/8C P Needle	30 mm 		undyed	2/0	1 × 75 cm	MU4267PN
Single	RC 3/8C P Needle	26 mm 		undyed	3/0	1 × 75 cm	MU4318PN
Single	RC 3/8C P Needle	19 mm 		undyed	4/0	1 × 75 cm	MU4418PN
					5/0	1 × 75 cm	MU4516PN
Single	RC 3/8C P Needle	16 mm 		undyed	4/0	1 × 75 cm	MU4417PN
					5/0	1 × 75 cm	MU4518PN

Needle			Thread			Code
Needle Description	length/ Shape	Symbol	Color	USP	length	
Single RC 3/8C P Needle	12 mm 		undyed	5/0	1 × 75 cm	MU4517PN
Single SC 0C 2 Beads + 2 Collars	60 mm 		undyed	3/0	1 × 75 cm	MU4308BC
				4/0	1 × 75 cm	MU4407BC
Single TP 1/2C Loop	48 mm 		violet	1	1 × 180 cm	FD4125
				0	1 × 180 cm	FD4025
Single TP 1/2C Loop	40 mm 		violet	1	1 × 180 cm	FD4123
				0	1 × 180 cm	FD4021
				2/0	1 × 180 cm	FD4275
Single TP 1/2C Loop	48 mm 		violet	1	1 × 150 cm	XD4125
				0	1 × 150 cm	XD4025
Single TP 1/2C Loop	40 mm 		violet	1	1 × 150 cm	XD4123
				0	1 × 150 cm	XD4021
				2/0	1 × 150 cm	XD4275
Single SC 0C 2 Beads + 2 Collars	60 mm 		violet	2/0	1 × 75 cm	MD4258BC
Double TP 1/2C	30 mm 		violet	3/0	1 × 90 cm	LD4325

Needle				Thread			Code
Needle Description		length/ Shape	Symbol	Color	USP	length	
Double	TP 1/2C	26 mm 		violet	3/0	1 x 75 cm	MD4323D
Double	TP 1/2C	16 mm 		violet	4/0	1 x 90 cm	LD4422
					5/0	1 x 90 cm	LD4524
Double	TP 1/2C	16 mm 		violet	6/0	1 x 75 cm	MD4624
Double	TP 1/2C	13 mm 		violet	5/0	1 x 75 cm	MD4523
Double	TP 3/8C	16 mm 		violet	4/0	1 x 90 cm	LD4413
Double	TP 3/8C	13 mm 		violet	4/0	1 x 75 cm	MD4411
					6/0	1 x 75 cm	MD4612
Double	TC 3/8C C.V Needle	13 mm 		violet	6/0	1 x 75 cm	MD4616CC