DemeDIOX™

Solid Polypropylene Sutures

DemeTECH'S Polydioxanone Sutures

DemeTech's Polydioxanone suture is an absorbable, sterile, surgical suture composed of the polyester [poly (p-dioxanone)]. It is a monofilament suture available undyed (clear to slight amber in color) and dyed (violet in color). Polydioxanone suture retains approximately 70% of its original tensile strength at 2 weeks, approximately 50% at 3 weeks and approximately 25% at 4 weeks. It is absorbed by hydrolysis with complete absorption between 90-180 days. Polydioxanone elicits minimal tissue reaction. Characteristics of DemeTech's Polydioxanone sutures are available below and overleaf.

Characteristics of DemeTech's Polydioxanone Sutures:

- DemeTech's Polydioxanone is ideal for internal tissues where a long lasting, absorbable suture is preferred.
- As Polydioxanone is composed of synthetic materials, it elicits less reactivity than natural absorbable sutures. However, due to its prolonged absorption period, Polydioxanone may elicit some tissue reaction.

CODES DemeDIOX™

Violet Needle 1/2 Circle

Needle Length	Needle Code	Color	Thread Size	3/0	2/0
13 mm	3/8 RC	Violet	16 cm	PLV3013DRC	PLV2013DRC
16 mm	3/8 RC	Violet	16 cm	PLV3016DRC	PLV2016DRC
19 mm	3/8 RC	Violet	16 cm	PLV3019DRC	PLV2019DRC
22 mm	3/8 RC	Violet	16 cm	PLV3022DRC	PLV2022DRC
26 mm	3/8 RC	Violet	16 cm	PLV3026DRC	PLV2026DRC
30 mm	3/8 RC	Violet	16 cm	PLV3030DRC	PLV2030DRC

Violet Needle 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	1	0
26 mm	3/8 RC	Violet	75 cm	PLV1026DRC	PLV0026DRC
30 mm	3/8 RC	Violet	75 cm	PLV1030DRC	PLV0030DRC
40 mm	3/8 RC	Violet	75 cm	PLV1040DRC	PLV0040DRC

Violet Needle 1/2 Circle DSP

Needle Length	Needle Code	Color	Thread Size	1	0
26 mm	1/2 RC DSP	Violet	75 cm	PLV1026HRC	
30 mm	1/2 RC DSP	Violet	75 cm	PLV1030HRC	
40 mm	1/2 RC DSP	Violet	75 cm		PLV0040HRC

Violet Needle Blunt 1/2 Circle

Needle Length	Needle Code	Color	Thread Size	4	3/0	2/0
13 mm	3/8 BC	Violet	16 cm	PLV4013DBC	PLV3013DBC	PLV2013DBC
16 mm	3/8 BC	Violet	16 cm	PLV4016DBC	PLV3016DBC	PLV2016DBC
19 mm	3/8 BC	Violet	16 cm	PLV4019DBC	PLV3019DBC	PLV2019DBC
22 mm	3/8 BC	Violet	16 cm	PLV4022DBC	PLV3022DBC	PLV2022DBC
26 mm	3/8 BC	Violet	16 cm	PLV4026DBC	PLV3026DBC	PLV2026DBC
30 mm	3/8 BC	Violet	16 cm	PLV4030DBC	PLV3030DBC	PLV2030DBC

Violet Needle 3/8 Circle DSP

Needle Length	Needle Code	Color	Thread Size	1	0
26 mm	3/8 RC DSP	Violet	75 cm	PLV1026HRC	
30 mm	3/8 RC DSP	Violet	75 cm	PLV1030HRC	
40 mm	3/8 RC DSP	Violet	75 cm		PLV0040HRC

CE 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	0
40 mm	CE 3/8	Violet	75 cm	PLV0040JRC

CE 3/8 Circle DSP

Needle Length	Needle Code	Color	Thread Size	0
40 mm	CE 3/8 DSP	Violet	75 cm	PLV0040JRC

Curved Cutting 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	2
19 mm	PCV 3/8 CUT	Violet	16 cm	PLV2019ARC

Curved Cutting 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	2/0
26 mm	PC 3/8 CUT	Violet	75 cm	PLV2026ARC

Curved Cutting Micro 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	2/0
19 mm	PCV 3/8 CUT	Violet	16 cm	PLV2019ARC

Curved Cutting Micro 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	3/0	2/0
13 mm	PCV 3/8 CUT	Violet	16 cm	PLV3013ARC	PLV2013ARC
16 mm	PCV 3/8 CUT	Violet	16 cm	PLV3016ARC	PLV2016ARC
19 mm	PCV 3/8 CUT	Violet	16 cm	PLV3019ARC	PLV2019ARC

Precision Cosmetic Reverse Cutting 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	4/0	3/0
13 mm	PC-1 3/8 RCC	Violet	45 cm	PLV4013FRC	PLV3013FRC
16 mm	PC-1 3/8 RCC	Violet	45 cm	PLV4016FRC	PLV3016FRC

Precision Cosmetic Reverse Cutting 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	4/0	3/0
13 mm	PC-1 3/8 RCC	Violet	45 cm	PLV4013FRC	PLV3013FRC
16 mm	PC-1 3/8 RCC	Violet	45 cm	PLV4016FRC	PLV3016FRC

Precision Cosmetic Reverse Cutting 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	4/0	3/0
13 mm	PC-1 3/8 RCC	Violet	45 cm	PLV4013FRC	PLV3013FRC
16 mm	PC-1 3/8 RCC	Violet	45 cm	PLV4016FRC	PLV3016FRC

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Reverse Cutting 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	3/0
13 mm	RCV 3/8 CUT	Violet	16 cm	PLV3013ERC

Reverse Cutting 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	3/0	2/0
16 mm	RC 3/8 CUT	Violet	75 cm	PLV3016ERC	PLV2016ERC
19 mm	RC 3/8 CUT	Violet	75 cm	PLV3019ERC	PLV2019ERC
22 mm	RC 3/8 CUT	Violet	75 cm	PLV3022ERC	PLV2022ERC
26 mm	RC 3/8 CUT	Violet	75 cm	PLV3026ERC	PLV2026ERC
30 mm	RC 3/8 CUT	Violet	75 cm	PLV3030ERC	PLV2030ERC

Reverse Cutting Micro 3/8 Circle

Needle Length	Needle Code	Color	Thread Size	4/0	3/0
13 mm	RCV 3/8 CUT	Violet	45 cm	PLV4013ERC	PLV3013ERC
16 mm	RCV 3/8 CUT	Violet	45 cm	PLV4016ERC	PLV3016ERC

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