

SUTURE MATERIAL INFORMATION

DemeSORB™



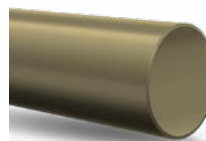
PGA is a synthetic, absorbable, sterile, surgical suture composed of 100% glycolide. PGA is coated to allow for easier passage through tissue with minimal drag and smooth tie down for precise knot placement.

DemeCRYL™



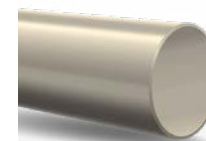
PGLA is a synthetic, absorbable, sterile, surgical suture composed of 90% glycolide and 10% L-lactide. PGLA is coated to allow for easier passage through tissue with minimal drag and smooth tie down.

DemeGUT™



Chromic Catgut is treated with chromium salt solution to resist body enzymes, extending absorption time to over 90 days. Tensile strength is retained for 14-21 days with absorption complete after 90 days.

DemeGUT PLAIN™



Plain Catgut is an absorbable, sterile, surgical suture composed of highly purified collagen ribbons of bovine or sheep intestine processed into monofilament strands. Tensile strength is retained for 10 days with absorption by 70 days.

DemeLON™



Nylon is a non-absorbable, sterile, surgical suture composed of Nylon 6 and Nylon 6.6. Nylon sutures elicit minimal inflammatory reaction in tissue. Nylon sutures are available in black.

DemeSILK™



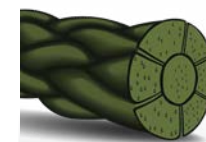
Silk is a non-absorbable, sterile, surgical suture composed of an organic protein called fibroin. DemeTECH coats its Silk with silicon to limit absorption and minimize tissue reaction.

DemeLENE™



Polypropylene is a non-absorbable, sterile, surgical suture composed of a synthetic linear polyolefin. It is not subject to degradation or loss in tensile strength, and elicits minimal inflammatory reaction in the tissue.

DemeBOND™



Polyester is a non-absorbable, sterile, surgical suture composed of Polyethylene Terephthalate. Polyester sutures are uniformly coated to provide an improvement in the physical properties of the suture and are not subject to degradation in vivo.

DemeQUICK™



Rapid Absorbable suture is a synthetic, absorbable, sterile, surgical suture composed of copolymers made from 90% glycolide and 10% L-lactide. PGR has been found to be nonantigenic, eliciting only minimal tissue reactivity during the absorption process.

DemeCAPRONE™



Polyglactone 25 is made of a synthetic absorbable monofilament composed of glycolide and epsilon-caprolactone copolymer. MO is Very high tensile strength initially, smooth tissue passage and reliable absorption.

Curved Cutting



Reverse Cutting



DEMETECH'S PREMIUM NEEDLES

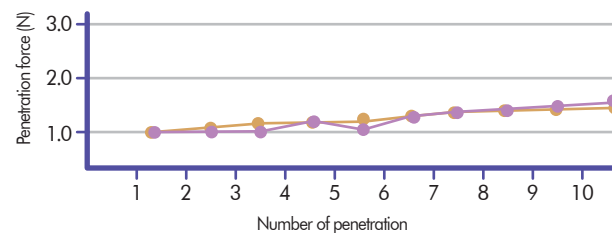
DemeTECH also carries a premium needle line, manufactured specifically for those specialty surgeries requiring the strongest and sharpest needles available. DemeTECH's premium line is focused on meeting the specific high demands of specialty surgeons, such as Dermatologic, Ophthalmic, Oral and Maxillofacial, Periodontal, Plastic and Reconstructive, and Veterinary surgeons, as well as for those surgeons who prefer a precision point needle. DemeTECH's premium needles are composed of the highest quality stainless steel, making them unsurpassed in strength and quality.

DEMETECH CORPORATION

DemeTECH is an international company with corporate offices and a new state of the art manufacturing facility located in Miami, Florida. DemeTECH has a management team with over 60 years of experience in the manufacturing and distribution of surgical sutures. Our quality has been proven time and time again: high demand and use worldwide, registration in over 60 countries, and certification of approval from the three major medical authorities: FDA, CE, and ISO.

DEMETECH'S NEEDLE INFORMATION

DemeTECH uses high quality stainless steel needles to ensure every suture offers exceptional strength and ductility. DemeTECH offers two different needle lines, starting with our standard stainless steel needles for use in general surgery. Our standard stainless steel is a martensitic-free machining alloy that demonstrates the utmost strength and penetration.



COMPARISON CHART







Penetration comparison test data between DemeTECH premium needles and Ethicon® PS-2 Needles.

● DemeTECH ● Ethicon®

Ethicon® is a registered trademark of Johnson & Johnson.

DENTAL SUTURE CROSS REFERENCE CHART

Please refer to DemeTECH Catalog to view complete product offering

DemeTECH Needles		Ethicon Code	Look Code	Material	Color	Length	U.S.P. Size	DemeTECH Code	Ethicon Code	LOOK Code
DC-2 	Rev. Cut 3/8 Circle	C-2	C-17	Silk	Black	18"	5-0	DT-719-1	719G	774B
							4/0	DT-736-1	736G	787B
DP-3 	Precision Rev. Cut 3/8 Circle	P-3	C-3	Chromic Catgut	Brown	18"	5/0	DT-687-1	687G	1248B
							4/0	DT-1654-1	1654G	595B
				Plain Catgut	Beige	18"	5/0	DT-686-1	686G	596B
							4/0	DT-1644-1	1644G	1241B
				Polyglycolic Acid	Colorless	18"	6/0	DT-492-1	J492G	492B
							5/0	DT-493-1	J493G	493B
							4/0	DT-494-1	J494G	494B
DX-8 	Rev. Cut 1/2 Circle	X-8	C-26	Silk	Black	18"	3/0	DT-7762-1	7762	778B
DFS-2 	Rev. Cut 3/8 Circle	FS-2	C-6	Chromic Catgut	Brown	30"	5/0	DT-634-1	634G	557B
						18"	4/0	DT-558-1	N/A	558B
						30"	4/0	DT-635-1	635G	559B
						18"	3/0	DT-525-1	N/A	525B
				Plain Catgut	Beige	18"	4/0	DT-591-1	N/A	591B
						30"	4/0	DT-821-1	H821G	551B
						18"	3/0	DT-592-1	N/A	592B
						30"	3/0	DT-822-1	H822G	554B
				Polyglycolic Acid	Colorless	30"	4/0	DT-422-1	J422H	422B
				Silk	Black	18"	5/0	DT-682-1	682G	754B
DX-1 	Rev. Cut 1/2 Circle	X-1	C-9 C-31	Silk	Black	18"	3/0	DT-632-1	632G	785B
				Plain Catgut	Beige	18"	3/0	DT-612-1	612G	594B
DFS-1 	Rev. Cut 3/8 Circle	FS-1	C-7	Silk	Black	18"	3/0	DT-684-1	684G	786B
				Plain Catgut	Beige	30"	3/0	DT-810-1	H810H	553B