

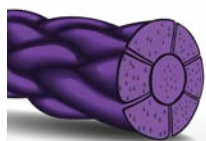
# SUTURE MATERIAL INFORMATION

## DemeSORB™



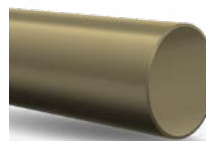
PGA is a synthetic, absorbable, sterile, surgical suture composed of 100% glycolide. PGA is coated to allow for easier passage through tissue with minimal drag and smooth tie down for precise knot placement.

## DemeCRYL™



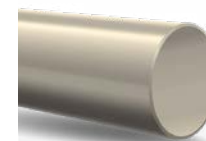
PGLA is a synthetic, absorbable, sterile, surgical suture composed of 90% glycolide and 10% L-lactide. PGLA is coated to allow for easier passage through tissue with minimal drag and smooth tie down.

## 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

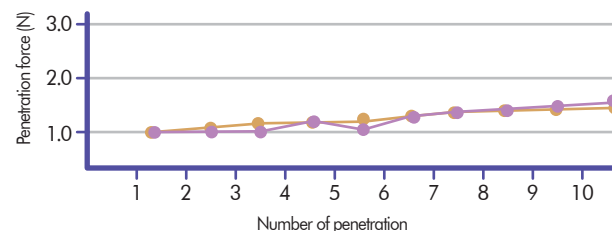
DemeTECH also carries a premium needle line, manufactured specifically for those specialty surgeries requiring the strongest and sharpest needles available. DemeTECH's premium line is focused on meeting the specific high demands of specialty surgeons, such as Dermatologic, Ophthalmic, Oral and Maxillofacial, 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.

# MEDICAL 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 Reverse Cut 3/8 Circle	C-2	C-17	Nylon Monofilamen	Black	10"	6/0	DT-911-1		911B
				Black	10"	5/0	DT-913-1		913B
				Black	10"	4/0	DT-931-1		931B
 DFS-1 Reverse Cut 3/8 Circle	FS-1	C-7	Nylon Monofilament	Black	18"	3/0	DT-663-1	663G	925B
			Polyglycolic Acid	Colorless	30"	3/0	DT-442-1	J442H	442B
			Silk	Black	18"	3/0	DT-684-1	684G	786B
 DFS-2 Reverse Cut 3/8 Circle	FS-2	C-6	Nylon Monofilament	Black	18"	5/0	DT-661-1	661G	918B
				Black	18"	4/0	DT-662-1	662G	922B
			Polypropylene	Blue	18"	5/0	DT-8661-1	8661G	1018B
				Blue	18"	4/0	DT-8683-1	8683G	1022B
			Polyglycolic Acid	Colorless	30"	5/0	DT-421-1	J421	421A
				Colorless	30"	4/0	DT-422-1	J422H	422B
				Colorless	30"	3/0	DT-423-1	J423H	423B
			Silk	Black	18"	4/0	DT-683-1	683G	781B
			Chromic Catgut	Brown	27"	4/0	DT-635-1	635G	559B
				Brown	27"	3/0	DT-636-1	636H	560B
 DP-1 Precision Point Reverse Cut 3/8 Circle	P-1	C-1	Nylon Monofilament	Black	18"	6/0	DT-697-1	697G	1279B
			Polypropylene	Blue	18"	6/0	DT-8697-1	8697G	1079B
 DP-3 Precision Point Reverse Cut 3/8 Circle	P-3	C-3	Nylon Monofilament	Black	18"	6/0	DT-1698-1	1698G	1282B
				Black	18"	5/0	DT-698-1	698G	1285B
				Black	18"	4/0	DT-699-1	699G	1291B
			Polypropylene	Blue	18"	6/0	DT-8695-1	8695G	1082B
				Blue	18"	5/0	DT-8698-1	8698G	1085B
				Blue	18"	4/0	DT-8699-1	8699G	1091B
			Polyglycolic Acid	Colorless	18"	6/0	DT-492-1	J492G	492B
				Colorless	18"	5/0	DT-493-1	J493G	493B
				Colorless	18"	4/0	DT-494-1	J494G	494B
			Chromic Catgut	Brown	18"	5/0	DT-687-1	687G	1248B
 DPS-2 Precision Point Reverse Cut 3/8 Circle	PS-2	PC-31	Nylon Monofilament	Black	18"	4/0	DT-1667-1	1667G	1290B