

RT[®]ED
SUTURE



山东海迪科医用制品有限公司

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SHANDONG HAI DI KE MEDICAL PRODUCTS CO.,LTD.

山东海迪科医用制品有限公司

Shandong Haidike Medical Products Co., Ltd. is a leading and world famous medical devices manufacturer with ISO13485, ISO14001, ANVISA GMP, CE, FDA, TGA, FSC and NMPA certificates.

"RTMED" and "Haidike" are registered trademark and protected under the Madrid Agreement. Our medical devices have been registered in more than 20 countries and exported to more than 150 countries and owning good reputation all over the world!

- ◆ Absorbable and nonabsorbable Surgical sutures
- ◆ Lifting threads for plastic surgery
- ◆ Hernia repair meshes
- ◆ Orthopedic casting tapes & splints
- ◆ Electric Wheelchair & Manual Wheelchair
- ◆ Veterinary surgical supplies
- ◆ Medical protection products etc.



ENTERPRISE BUSINESS LICENSE



MEDICAL DEVICE MANUFACTURING PERMIT



GOLD PLUS SUPPLIER SOS ASSESSMENT CERTIFICATE

Commitment to Innovation



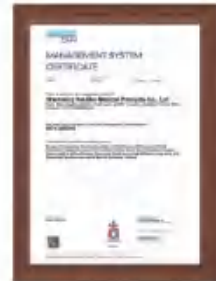
Commitment to Quality



FSC BY EUROPEAN UNION



CE CERTIFICATE



ISO13485 CERTIFICATE



ISO14001 CERTIFICATE

Commitment to Quality



Commitment to Professional Development



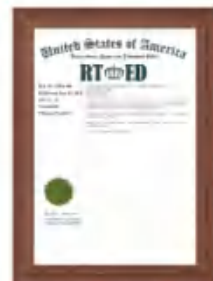
SURGICAL SUTURES 5308



BGMP



FREE SALE CERTIFICATE

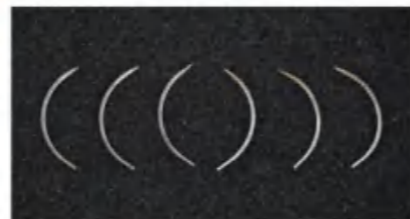


RTMED MADRID TRADEMARK



A New Generation of NEEDLES

Excellent quality suture needle and thread



	Do not re-use
	Gamma irradiation
	Ethylene Oxide irradiation
	Consult instructions for use
	Do not use if package is damaged
	Expiration Date
	Manufactured Date
	Catalogue Number
	Batch number
	Keep away from sunlight
	Keep dry
	Temperature Limitation
	Fragile: Handle with care

Two materials are available

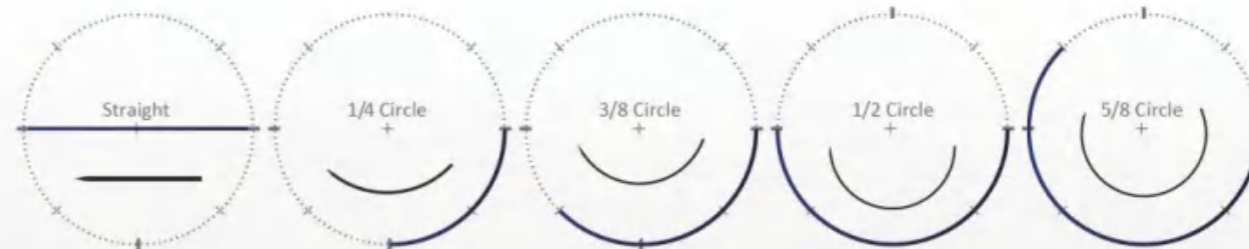
- Strong hardness
- Outstanding sharpness
- Excellent tenacity and ductility
- Superior resistance to bending and breakage
- Smooth penetration even after multiple stitches
- Atraumatic passage through tissues
- Excellent stability in the needle holder



SUTURE NEEDLE CATALOGUE



Needle Curvature



Needle Shapes

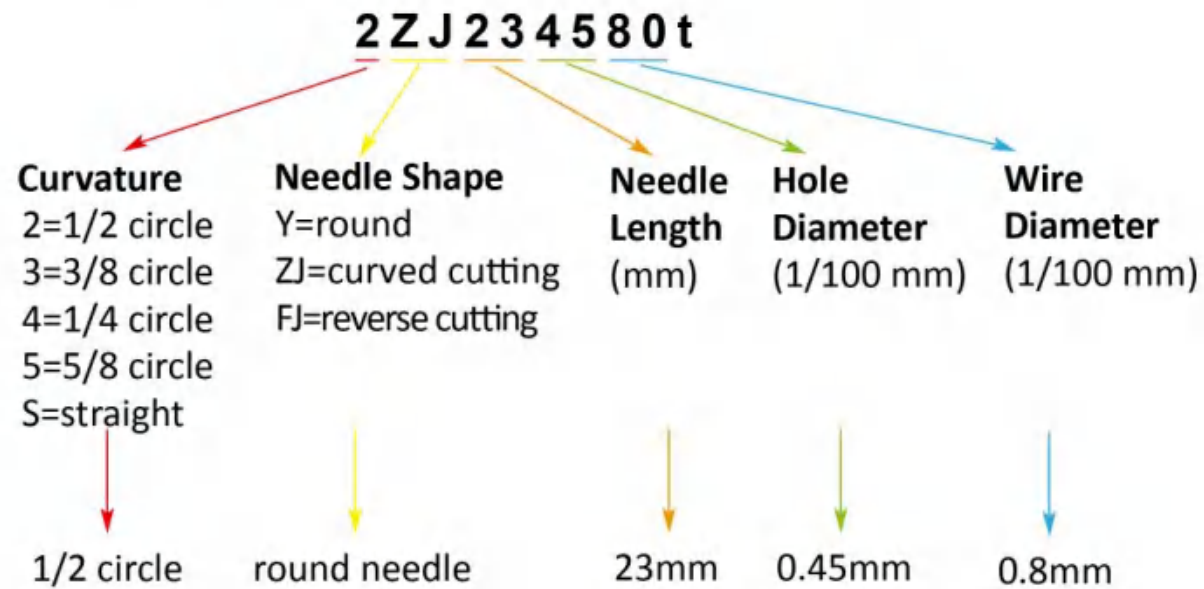
<p>Round bodied (heavy) Round Bodied needles are designed to separate tissue fibres rather than cutting them.</p>	<p>Microfine spatula Spatula Needle has a square body to produce superb penetration characteristics.</p>
<p>Curved cutting (heavy) It has a triangular cross section with the apex of the triangle on the inside of the needle curvature, very sharp and cuts rather than dilate.</p>	<p>Blunt point These needles have been designed to give outstanding visibility against tissue and where blood is present in the operating field.</p>
<p>Reverse cutting (heavy) The body of this needle is triangular in cross section, having the apex cutting edge on the outside of the needle curvature.</p>	<p>Straight round bodied</p>
<p>Taper cutting This needle combines the initial penetration of a cutting needle with the minimised trauma of a round bodied needle.</p>	<p>Straight curved cutting</p>

SUTURE NEEDLE CATALOGUE

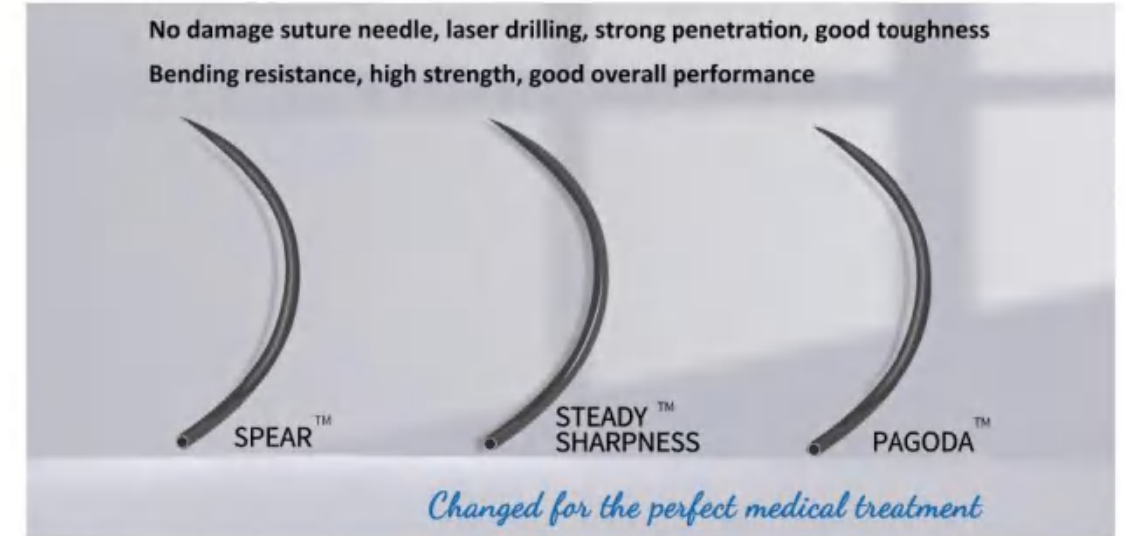
U.S.P Suture Size Chart

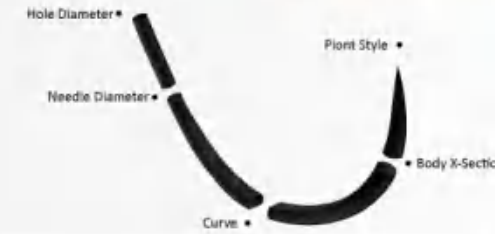
U.S.P Size	Synthetic Suture		Collagen Suture	
	Metric Size	Diameter Range	Metric Size	Diameter Range
#7	9	0.900-0.999	-	-
#6	8	0.800-0.899	-	-
#5	7	0.700-0.799	-	-
#4	6	0.600-0.699	8	0.800-0.899
#3	6	0.600-0.699	7	0.700-0.799
#2	5	0.500-0.599	6	0.600-0.699
#1	4	0.400-0.499	5	0.500-0.599
#0	3.5	0.350-0.399	4	0.400-0.499
2-0	3	0.300-0.339	3.5	0.350-0.399
3-0	2	0.200-0.249	3	0.300-0.339
4-0	1.5	0.150-0.199	2	0.200-0.249
5-0	1	0.100-0.149	1.5	0.150-0.199
6-0	0.7	0.070-0.099	1	0.100-0.149
7-0	0.5	0.050-0.069	0.7	0.070-0.099
8-0	0.4	0.040-0.049	0.5	0.050-0.069
9-0	0.3	0.030-0.039	0.4	0.040-0.049
10-0	0.2	0.020-0.029	-	-

Needle Code



Package





Unique stainless steel oxide film forming technology

By using the interference color principle, the surface of the black suture needle appears black, increasing visibility.



Comparison of black needle and ordinary needle under strong light



Endoscopic surgery: clear vision, high identification of needle body

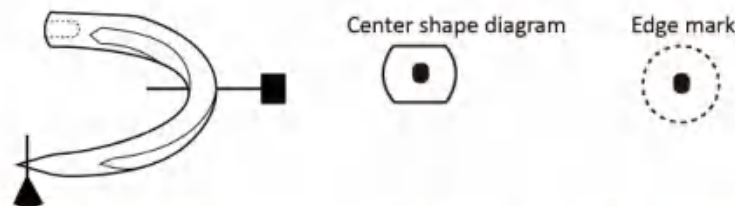
Unique steel should be bent rather than broken

Using 300 series stainless steel, the clinical effect is better than bending



Upgraded square round needle

Upgraded square round needle, the middle of the needle body is flat, the grip is firm and the needle is not rolled, and the side is circular design. Effectively shorten the surgical time, more accurate suture.



The black needle body is square, the tip is conical, the operator holds the needle stable.

Stitch type	Line length (cm)	Stitch specification	Applicable operation
1/2 Circle round bodied	75/90	2#	Orthopedics, gynecology, Obstetrics, fascia, peritoneum, gastrointestinal surgery, liver surgery, abdominal surgery, subcutaneous suture, thoracic surgery, etc
1/2 Circle round bodied	75/90	1#	Gynecology, Obstetrics, Urology, fascia, peritoneum, gastrointestinal surgery, liver surgery, subcutaneous suture, thoracic surgery, etc
1/2 Circle round bodied	75/90	1#	General surgery, gastrointestinal surgery, oral surgery, plastic surgery, subcutaneous suture, epidermal suture, gynecology, obstetrics, urology, thoracic surgery, etc
1/2 Circle round bodied	75/90	0#	General surgery, gastrointestinal surgery, oral surgery, plastic surgery, subcutaneous suture, epidermal suture, gynecology, obstetrics, urology, thoracic surgery, etc
1/2 Circle round bodied	75/90	2-0	General surgery, gastrointestinal surgery, oral surgery, plastic surgery, subcutaneous suture, epidermal suture, Gynecology, obstetrics, urology, thoracic surgery, etc
1/2 Circle round bodied	75/90	3-0	General surgery, Urology, pediatric surgery, plastic surgery, urology, thoracic surgery, etc
1/2 Circle round bodied	75/90	4-0	General surgery, gastrointestinal surgery, oral surgery, plastic surgery, subcutaneous suture, epidermal suture, gynecology, obstetrics, urology, thoracic surgery, etc
1/2 Circle round bodied	75/90	5-0	General surgery, Urology, pediatric surgery, plastic surgery, urology, etc
1/2 Circle round bodied	75/90	6-0	General Surgery, Urology, pediatric surgery, Plastic surgery, urology, etc
1/2 Circle round bodied	75/90	7-0	Plastic surgery
3/8 Circle reverse cutting	75/90	3-0	General surgery, gastrointestinal surgery, oral surgery, plastic surgery, subcutaneous suture, epidermal suture, Gynecology, obstetrics, urology, etc
3/8 Circle reverse cutting	75/90	4-0	General surgery, gastrointestinal surgery, oral surgery, plastic surgery, subcutaneous suture, epidermal suture, Gynecology, obstetrics, urology, etc
3/8 Circle reverse cutting	75/90	5-0	General Surgery, Urology, pediatric surgery, Plastic surgery, urology, etc
3/8 Circle reverse cutting	75/90	6-0	General Surgery, Urology, pediatric surgery, Plastic surgery, urology, etc
3/8 Circle reverse cutting	75/90	7-0	Plastic surgery

Advantages

- 1 Non-reflective: Black surface, non-reflective, increased visibility in endoscopic surgery
- 2 Easy operation: The doctor can place the needle more accurately and reduce surgical errors
- 3 Anti-fatigue: Compared with ordinary suture needles, it can reduce the visual fatigue in the doctor's operation
- 3 Easy puncture: strong needle puncture force, smooth needle body, high hardness



Surgical suture with needle

PGA POLYGLYCOLIC ACID

60 days 90 days

PGLA POLYGLACTIN 910

60 days 90 days

CHROMIC CATGUT

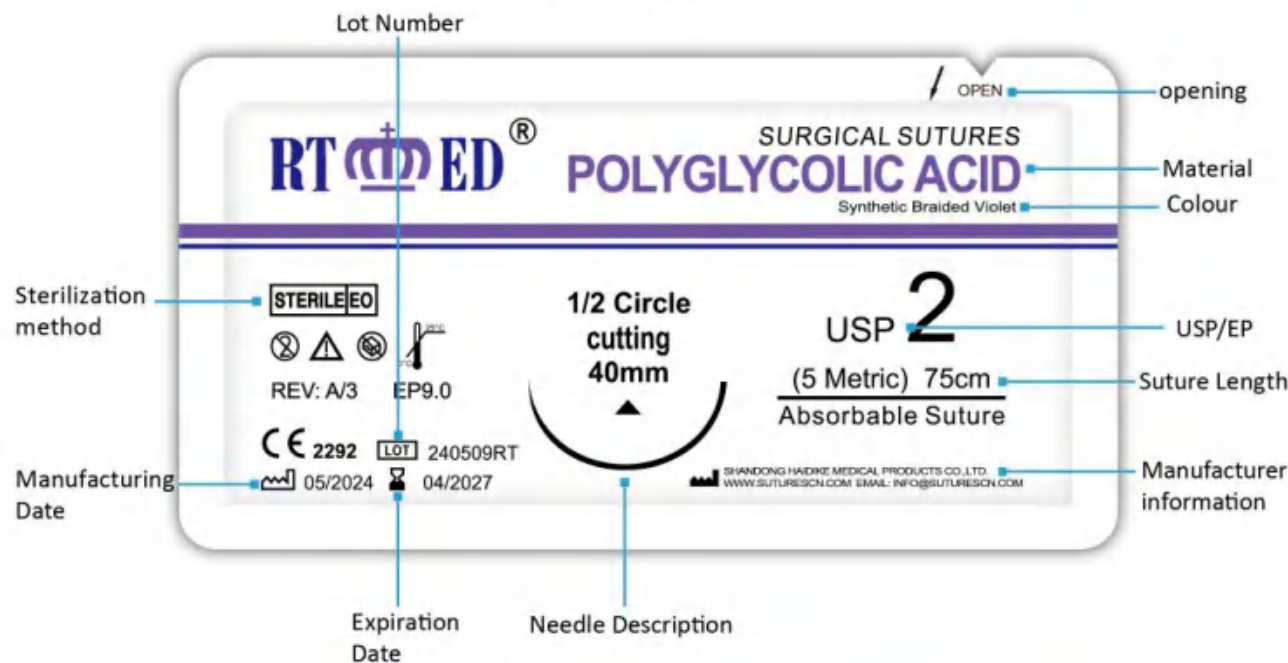
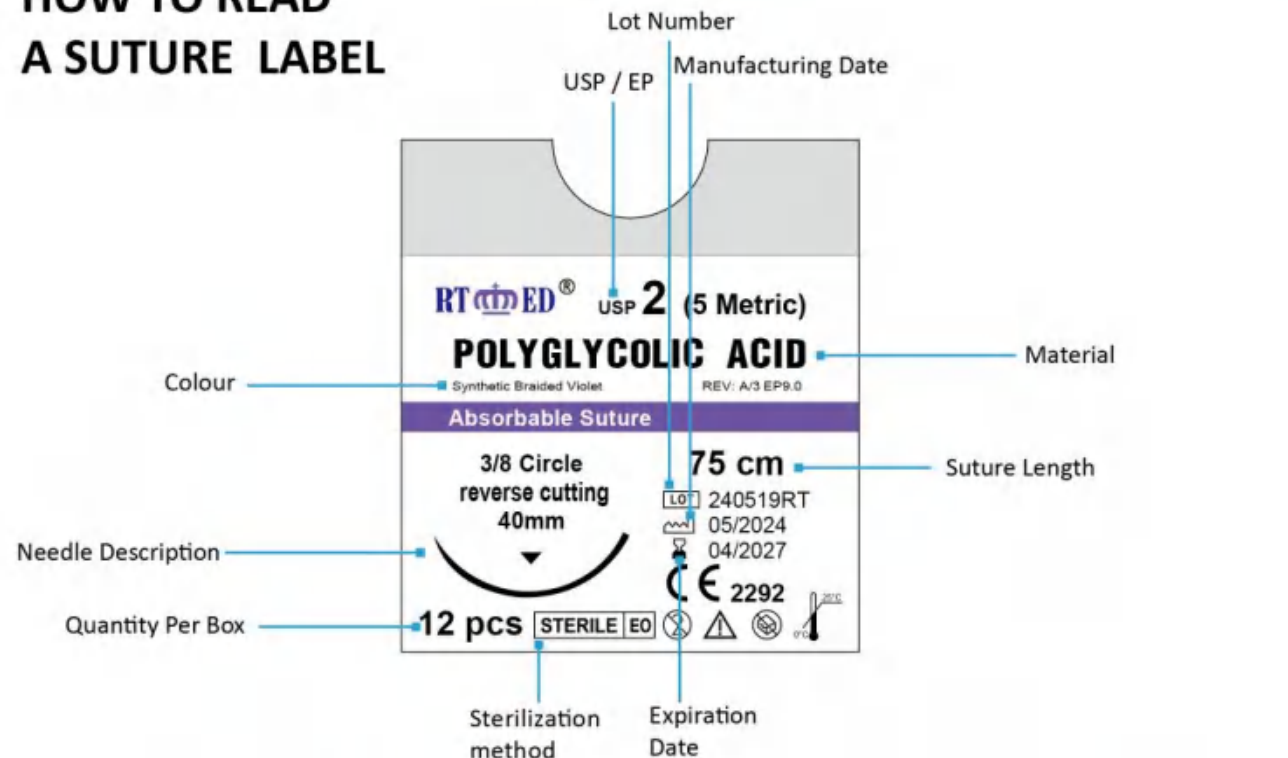
90 days 100 days

SILK

NYLON

POLYPROPYLENE

HOW TO READ A SUTURE LABEL



PGA POLYGLYCOLIC ACID

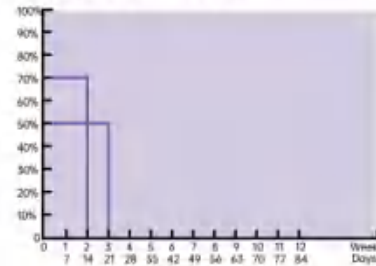


Where every suture is a seal of confidence

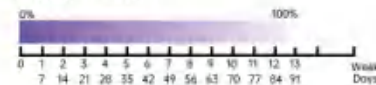
Properties

- Structure: Multifilament, Braided
- Colour: Violet, Undyed
- Chemical composition: Polyglycolic acid
- Coating: Polycaprolactone + Calcium Stearate
- Sizes: USP 8/0 - USP 4
- Type of absorption: Hydrolysis
- Sterilization: Ethylene Oxide
- Absorption: 60 - 90 days

TENSILE STRENGTH



ABSORPTION



Advantages:

- High initial tensile strength
- Excellent knotting ability
- Reliable absorbability
- Easy to handle
- Outstanding holding power through the critical wound periode
- Smooth surface, slides smoothly through the tissue

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
PGA60F0613	PGA	Violet, Undyed	6/0	75	▼ 3/8 13mm
PGA50F0616	PGA	Violet, Undyed	5/0	75	▼ 3/8 16mm
PGA40F0616	PGA	Violet, Undyed	4/0	75	▼ 3/8 16mm
PGA30F0616	PGA	Violet, Undyed	3/0	75	▼ 3/8 16mm
PGA40F0619	PGA	Violet, Undyed	4/0	75	▼ 3/8 19mm
PGA30F0619	PGA	Violet, Undyed	3/0	75	▼ 3/8 19mm
PGA30F0624	PGA	Violet, Undyed	3/0	75	▼ 3/8 24mm
PGA30F0626	PGA	Violet, Undyed	3/0	75	▼ 3/8 26mm
PGA20F0626	PGA	Violet, Undyed	2/0	75	▼ 3/8 26mm
PGA20F0630	PGA	Violet, Undyed	2/0	75	▼ 3/8 30mm
PGA20F0636	PGA	Violet, Undyed	2/0	75	▼ 3/8 36mm
PGA00F0636	PGA	Violet, Undyed	0	75	▼ 3/8 36mm
PGA00F0640	PGA	Violet, Undyed	0	75	▼ 3/8 40mm
PGA01F0636	PGA	Violet, Undyed	1	75	▼ 3/8 36mm
PGA01F0640	PGA	Violet, Undyed	2	75	▼ 3/8 40mm
PGA01F0645	PGA	Violet, Undyed	2	75	▼ 3/8 45mm
PGA02F0640	PGA	Violet, Undyed	4	75	▼ 3/8 40mm
PGA02F0645	PGA	Violet, Undyed	6/0	75	▼ 3/8 45mm
PGA03F0645	PGA	Violet, Undyed	5/0	75	▼ 3/8 45mm
PGA04F0645	PGA	Violet, Undyed	5/0	75	▼ 3/8 45mm
PGA60C0110	PGA	Violet, Undyed	4/0	45	● 1/2 10mm
PGA50F0113	PGA	Violet, Undyed	4/0	75	● 1/2 13mm
PGA50F0116	PGA	Violet, Undyed	4/0	75	● 1/2 16mm
PGA40F0116	PGA	Violet, Undyed	3/0	75	● 1/2 16mm
PGA40F0120	PGA	Violet, Undyed	3/0	75	● 1/2 20mm
PGA40F0124	PGA	Violet, Undyed	3/0	75	● 1/2 24mm
PGA30F0124	PGA	Violet, Undyed	3/0	75	● 1/2 24mm
PGA30F0126	PGA	Violet, Undyed	2/0	75	● 1/2 26mm
PGA30F0130	PGA	Violet, Undyed	2/0	75	● 1/2 30mm
PGA30F0136	PGA	Violet, Undyed	2/0	75	● 1/2 36mm
PGA20F0124	PGA	Violet, Undyed	2/0	75	● 1/2 24mm
PGA20F0126	PGA	Violet, Undyed	0	75	● 1/2 26mm
PGA20F0130	PGA	Violet, Undyed	0	75	● 1/2 30mm
PGA20F0140	PGA	Violet, Undyed	0	75	● 1/2 40mm
PGA00F0130	PGA	Violet, Undyed	0	75	● 1/230mm
PGA00F0135	PGA	Violet, Undyed	1	75	● 1/2 35mm
PGA00F0137	PGA	Violet, Undyed	1	75	● 1/2 37mm
PGA00F0140	PGA	Violet, Undyed	1	75	● 1/2 40mm

PGLA POLYGLACTIN 910

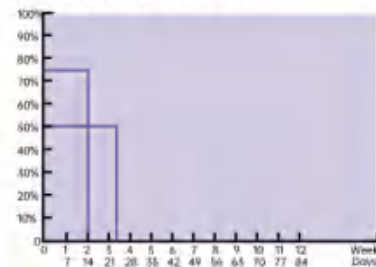


With great versatility comes the confidence to meet specific needs

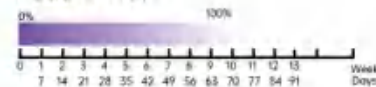
Properties

Structure: Multifilament, Braided
 Colour: Violet, Undyed
 Chemical composition: Poly(glycolide-co-l-lactide 90/10)
 Coating: Poly(glycolide-co-l-lactide 30/70) + Calcium Stearate
 Sizes: USP 8/0 - USP 2
 Type of absorption: Hydrolysis
 Sterilization: Ethylene Oxide
 Absorption: 56 - 70 days

TENSILE STRENGTH



ABSORPTION



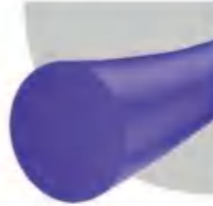
Advantages:

- High tensile strength
- Smooth tissue passage
- Easy knotting and tie down
- Excellent knot security
- Reliable absorbability

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
PGLA60C0609	PGLA	Violet, Undyed	6/0	45	▼ 3/8 9mm
PGLA60F0613	PGLA	Violet, Undyed	6/0	75	▼ 3/8 13mm
PGLA50F0613	PGLA	Violet, Undyed	5/0	75	▼ 3/8 13mm
PGLA40F0616	PGLA	Violet, Undyed	4/0	75	▼ 3/8 16mm
PGLA40F0619	PGLA	Violet, Undyed	4/0	75	▼ 3/8 19mm
PGLA30F0624	PGLA	Violet, Undyed	3/0	75	▼ 3/8 24mm
PGLA30F0626	PGLA	Violet, Undyed	3/0	75	▼ 3/8 26mm
PGLA20F0626	PGLA	Violet, Undyed	2/0	75	▼ 3/8 26mm
PGLA30F0630	PGLA	Violet, Undyed	3/0	75	▼ 3/8 30mm
PGLA20F0630	PGLA	Violet, Undyed	2/0	75	▼ 3/8 30mm
PGLA00F0630	PGLA	Violet, Undyed	0	75	▼ 3/8 30mm
PGLA20F0635	PGLA	Violet, Undyed	2/0	75	▼ 3/8 35mm
PGLA00F0635	PGLA	Violet, Undyed	0	75	▼ 3/8 35mm
PGLA00F0637	PGLA	Violet, Undyed	6/0	75	▼ 3/8 37mm
PGLA01F0637	PGLA	Violet, Undyed	1	75	▼ 3/8 37mm
PGLA02F0637	PGLA	Violet, Undyed	2	75	▼ 3/8 37mm
PGLA60C0110	PGLA	Violet, Undyed	2	45	● 1/2 10mm
PGLA00F0135	PGLA	Violet, Undyed	0	75	● 1/2 35mm
PGLA00F0137	PGLA	Violet, Undyed	0	75	● 1/2 37mm
PGLA01F0137	PGLA	Violet, Undyed	0	75	● 1/2 37mm
PGLA01F0140	PGLA	Violet, Undyed	0	75	● 1/2 40mm
PGLA02F0140	PGLA	Violet, Undyed	0	5	● 1/2 40mm
PGLA02F0145	PGLA	Violet, Undyed	0	5	● 1/2 45mm
PGLA00F0325	PGLA	Violet, Undyed	0	75	▲ 1/2 25mm
PGLA00G0135	PGLA	Violet, Undyed	1	70	● 1/2 35mm
PGLA00F0140	PGLA	Violet, Undyed	1	75	● 1/2 40mm
PGLA00F0150	PGLA	Violet, Undyed	1	75	● 1/2 50mm
PGLA00F0132	PGLA	Violet, Undyed	1	75	● 1/2 32mm
PGLA00F0130	PGLA	Violet, Undyed	1	75	● 1/2 30mm
PGLA00F0126	PGLA	Violet, Undyed	1	75	● 1/2 26mm
PGLA01F0325	PGLA	Violet, Undyed	2	71	● 1/2 25mm
PGLA01F0125	PGLA	Violet, Undyed	2	75	● 1/2 25mm
PGLA01G0135	PGLA	Violet, Undyed	2	90	● 1/2 35mm
PGLA01F0145	PGLA	Violet, Undyed	2	90	● 1/2 45mm
PGLA01F0150	PGLA	Violet, Undyed	2	75	● 1/2 50mm
PGLA01F0140	PGLA	Violet, Undyed	2	75	● 1/2 40mm
PGLA02F0336	PGLA	Violet, Undyed	2	75	● 1/2 36mm
PGLA02F0125	PGLA	Violet, Undyed	2/0	75	● 1/2 25mm

PDO POLYDIOXANONE

Supreme handling performance for confidence in subcuticular skin closure

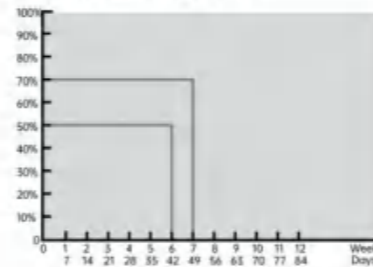


Predictable strength for superior support

Properties

- Structure: Monofilament
- Colour: Violet, Undyed
- Chemical composition: Poly (p-dioxanone)
- Sizes: USP 7/0 - USP 2
- Type of absorption: Hydrolysis
- Sterilization: Ethylene Oxide
- Absorption: 180 - 210 days

TENSILE STRENGTH



ABSORPTION



Advantages:

- High initial tensile strength
- Prolonged wound support
- Minimal tissue reaction
- Lower incidence of infection and trauma due to smooth surface

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
PDO60C0609	PDO	Violet , Undyed	6/0	45	▼ 3/8 9mm
PDO60F0616	PDO	Violet , Undyed	6/0	75	▼ 3/8 16mm
PDO50F0616	PDO	Violet , Undyed	5 /0	75	▼ 3/8 16mm
PDO40F0616	PDO	Violet , Undyed	4 /0	75	▼ 3/8 16mm
PDO40F0619	PDO	Violet , Undyed	4 /0	75	▼ 3/8 19 mm
PDO30F0619	PDO	Violet , Undyed	3/0	75	▼ 3/8 19 mm
PDO30F0626	PDO	Violet , Undyed	3/0	75	▼ 3/8 26 mm
PDO20F0626	PDO	Violet , Undyed	2/0	75	▼ 3/8 26 mm
PDO30F0638	PDO	Violet , Undyed	3/0	75	▼ 3/8 38 mm
PDO20F0638	PDO	Violet , Undyed	2/0	75	▼ 3/8 38 mm
PDO00F0637	PDO	Violet , Undyed	0	75	▼ 3/8 37mm
PDO01F0637	PDO	Violet , Undyed	0	75	▼ 3/8 37mm
PDO00F0640	PDO	Violet , Undyed	0	75	▼ 3/8 40mm
PDO01F0640	PDO	Violet , Undyed	1	75	▼ 3/8 40mm
PDO02F0642	PDO	Violet , Undyed	2	75	▼ 3/8 42mm
PDO02F0126	PDO	Violet , Undyed	2/0	75	● 1/2 26mm
PDO30F0130	PDO	Violet , Undyed	3/0	75	● 1/2 30mm
PDO20F0130	PDO	Violet , Undyed	2/0	75	● 1/2 30mm
PDO01F0136	PDO	Violet , Undyed	1	75	● 1/2 36mm
PDO00F0137	PDO	Violet , Undyed	0	75	● 1/2 37mm
PDO02F0137	PDO	Violet , Undyed	2	75	● 1/2 37mm
PDO00F0140	PDO	Violet , Undyed	0	75	● 1/2 40mm
PDO01F0140	PDO	Violet , Undyed	1	75	● 1/2 40mm
PDO02F0145	PDO	Violet , Undyed	2	75	● 1/2 45mm

PGCL POLIGLECAPRONE 25

Accelerated performance for confidence in delicate tissue approximation

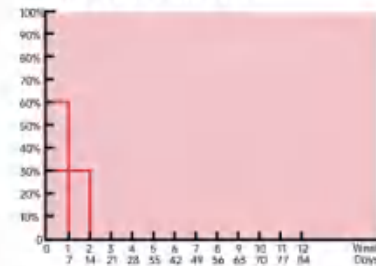


Swift confidence for superior predictability

Properties

- Structure: Monofilament
- Colour: Violet, Undyed
- Chemical composition: Poly (glycolide-co-caprolactone)
- Sizes: USP 6/0 - USP 2
- Type of absorption: Hydrolysis
- Sterilization: Ethylene Oxide
- Absorption: 90 - 120 days

TENSILE STRENGTH



ABSORPTION



Advantages:

- High initial tensile strength
- Easy handling
- Smooth passage through tissue
- Excellent knotting ability

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
PGCL 60F0613	PGCL	Violet, Undyed	6/0	75	▼ 3/8 13mm
PGCL 50F0613	PGCL	Violet, Undyed	5/0	75	▼ 3/8 13mm
PGCL 50F0616	PGCL	Violet, Undyed	5/0	75	▼ 3/8 16mm
PGCL 40F0616	PGCL	Violet, Undyed	4/0	75	▼ 3/8 16mm
PGCL 40F0619	PGCL	Violet, Undyed	4/0	75	▼ 3/8 19mm
PGCL 30F0619	PGCL	Violet, Undyed	3/0	75	▼ 3/8 19mm
PGCL 30F0624	PGCL	Violet, Undyed	3/0	75	▼ 3/8 24mm
PGCL 30F0626	PGCL	Violet, Undyed	3/0	75	▼ 3/8 26mm
PGCL 20F0626	PGCL	Violet, Undyed	2/0	75	▼ 3/8 26mm
PGCL 20F0630	PGCL	Violet, Undyed	2/0	75	▼ 3/8 30mm
PGCL 20F0636	PGCL	Violet, Undyed	2/0	75	▼ 3/8 36mm
PGCL 00F0636	PGCL	Violet, Undyed	0	75	▼ 3/8 36mm
PGCL 00F0640	PGCL	Violet, Undyed	0	75	▼ 3/8 40mm
PGCL 01F0636	PGCL	Violet, Undyed	1	75	▼ 3/8 36mm
PGCL 01F0640	PGCL	Violet, Undyed	1	75	▼ 3/8 40mm
PGCL 01F0645	PGCL	Violet, Undyed	1	75	▼ 3/8 45mm
PGCL 60F0113	PGCL	Violet, Undyed	6/0	75	● 3/8 13mm
PGCL 50F0113	PGCL	Violet, Undyed	5/0	75	● 3/8 13mm
PGCL 50F0116	PGCL	Violet, Undyed	5/0	75	● 3/8 16mm
PGCL 40F0116	PGCL	Violet, Undyed	4/0	75	● 3/8 16mm
PGCL 40F0120	PGCL	Violet, Undyed	4/0	75	● 3/8 20mm
PGCL 40F0122	PGCL	Violet, Undyed	4/0	75	● 3/8 22mm
PGCL 40F0124	PGCL	Violet, Undyed	4/0	75	● 3/8 24mm
PGCL 30F0122	PGCL	Violet, Undyed	3/0	75	● 3/8 22mm
PGCL 30F0124	PGCL	Violet, Undyed	3/0	75	● 3/8 24mm
PGCL 30F0126	PGCL	Violet, Undyed	3/0	75	● 3/8 26mm
PGCL 30F0130	PGCL	Violet, Undyed	3/0	75	● 3/8 30mm
PGCL 30F0136	PGCL	Violet, Undyed	3/0	75	● 3/8 36mm
PGCL 20F0124	PGCL	Violet, Undyed	2/0	75	● 3/8 24mm
PGCL 20F0126	PGCL	Violet, Undyed	2/0	75	● 3/8 26mm
PGCL 20F0130	PGCL	Violet, Undyed	2/0	75	● 3/8 30mm
PGCL 20F0140	PGCL	Violet, Undyed	2/0	75	● 3/8 40mm
PGCL 00F0126	PGCL	Violet, Undyed	0	75	● 3/8 26mm
PGCL 00F0130	PGCL	Violet, Undyed	0	75	● 3/8 30mm
PGCL 00F0131	PGCL	Violet, Undyed	0	75	● 3/8 31mm
PGCL 00F0136	PGCL	Violet, Undyed	0	75	● 3/8 36mm
PGCL 00F0140	PGCL	Violet, Undyed	0	75	● 3/8 40mm
PGCL 01F0130	PGCL	Violet, Undyed	1	75	● 3/8 30mm

CHROMIC CATGUT

Consistent performance for confidence in episiotomy repair

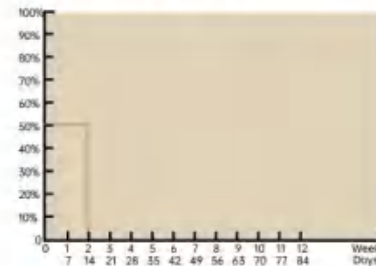


Assures excellence of collagen purity

Properties

Colour: Brown
 Composition: Purified connective tissue
 Sizes: USP 7/0 - USP 4
 Type of absorption: Proteolysis
 Sterilization: Gamma radiation
 Absorption: 90 - 100 days

TENSILE STRENGTH



ABSORPTION



Advantages:

- High tensile strength
- Excellent handling properties
- Minimal tissue reaction
- Uniform absorption

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
CC60F0113	Chromic Catgut	Brown	6/0	75	● 1/2 13mm
CC50F0116	Chromic Catgut	Brown	5/0	75	● 1/2 16mm
CC40F0116	Chromic Catgut	Brown	4/0	75	● 1/2 16mm
CC40F0120	Chromic Catgut	Brown	4/0	75	● 1/2 20mm
CC30F0120	Chromic Catgut	Brown	3/0	75	● 1/2 20mm
CC20F0126	Chromic Catgut	Brown	2/0	75	● 1/2 26mm
CC30F0130	Chromic Catgut	Brown	3/0	75	● 1/2 30mm
CC20F0130	Chromic Catgut	Brown	2/0	75	● 1/2 30mm
CC20F0137	Chromic Catgut	Brown	2/0	75	● 1/2 37mm
CC00F0137	Chromic Catgut	Brown	0	75	● 1/2 37mm
CC01F0137	Chromic Catgut	Brown	1	75	● 1/2 37mm
CC00F0140	Chromic Catgut	Brown	0	75	● 1/2 40mm
CC01F0140	Chromic Catgut	Brown	1	75	● 1/2 40mm
CC02F0140	Chromic Catgut	Brown	2	75	● 1/2 40mm
CC01F0145	Chromic Catgut	Brown	1	75	● 1/2 45mm
CC02F0145	Chromic Catgut	Brown	2	75	● 1/2 45mm
CC40F0619	Chromic Catgut	Brown	4/0	75	▼ 3/8 19mm
CC30F0624	Chromic Catgut	Brown	3/0	75	▼ 3/8 24mm
CC30F0630	Chromic Catgut	Brown	3/0	75	▼ 3/8 30mm
CC20F0630	Chromic Catgut	Brown	2/0	75	▼ 3/8 30mm
CC00F0635	Chromic Catgut	Brown	0	75	▼ 3/8 30mm
CC02F0635	Chromic Catgut	Brown	2	75	▼ 3/8 30mm
CC20F0637	Chromic Catgut	Brown	2/0	75	▼ 3/8 37mm
CC00F0637	Chromic Catgut	Brown	0	75	▼ 3/8 37mm
CC01F0637	Chromic Catgut	Brown	1	75	▼ 3/8 37mm
CC00F0640	Chromic Catgut	Brown	0	75	▼ 3/8 40mm
CC01F0640	Chromic Catgut	Brown	1	75	▼ 3/8 40mm
CC01F0645	Chromic Catgut	Brown	1	75	▼ 3/8 45mm
CC02F0645	Chromic Catgut	Brown	2	75	▼ 3/8 45mm
CC03F0648	Chromic Catgut	Brown	3	75	▼ 3/8 48mm

PLAIN CATGUT

Consistent performance for
confidence in episiotomy repair

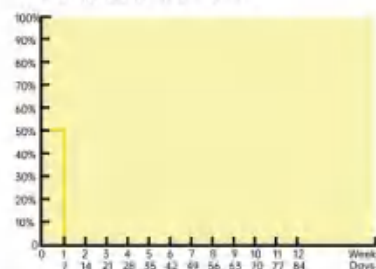


Assures excellence of collagen purity

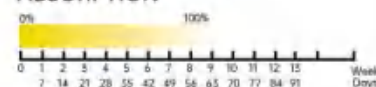
Properties

Colour: Brown
Composition: Purified connective tissue
Sizes: USP 7/0 - USP 4
Type of absorption: Proteolysis
Sterilization: Gamma radiation
Absorption: 90 - 100 days

TENSILE STRENGTH



ABSORPTION



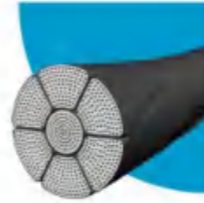
Advantages:

- High tensile strength
- Smooth tissue passage
- Easy knotting and tie down
- Excellent knot security
- Reliable absorbability

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
PC50F0213	Plain Catgut	Beige	5/0	75	● 3/8 13mm
PC40F0116	Plain Catgut	Beige	4/0	75	● 1/2 16mm
PC30F0126	Plain Catgut	Beige	3/0	75	● 1/2 26mm
PC20F0126	Plain Catgut	Beige	2/0	75	● 1/2 26mm
PC30F0130	Plain Catgut	Beige	3/0	75	● 1/2 30mm
PC20F0130	Plain Catgut	Beige	2/0	75	● 1/2 30mm
PC20F0137	Plain Catgut	Beige	2/0	75	● 1/2 37mm
PC00F0137	Plain Catgut	Beige	0	75	● 1/2 37mm
PC01F0137	Plain Catgut	Beige	1	75	● 1/2 37mm
PC02F0137	Plain Catgut	Beige	2	75	● 1/2 37mm
PC00F0140	Plain Catgut	Beige	0	75	● 1/2 40mm
PC01F0140	Plain Catgut	Beige	1	75	● 1/2 40mm
PC02F0140	Plain Catgut	Beige	1	75	● 1/2 40mm
PC40F0419	Plain Catgut	Beige	4/0	75	▲ 3/8 19mm
PC30F0424	Plain Catgut	Beige	3/0	75	▲ 3/8 24mm
PC30F0630	Plain Catgut	Beige	3/0	75	▼ 3/8 30mm
PC20F0630	Plain Catgut	Beige	2/0	75	▼ 3/8 30mm
PC20F0635	Plain Catgut	Beige	2/0	75	▼ 3/8 35mm
PC00F0635	Plain Catgut	Beige	0	75	▼ 3/8 35mm
PC60J16	Plain Catgut	Beige	6/0	150	Without Needle
PC50J16	Plain Catgut	Beige	5/0	150	Without Needle
PC40J16	Plain Catgut	Beige	4/0	150	Without Needle
PC30J16	Plain Catgut	Beige	3/0	150	Without Needle
PC20J16	Plain Catgut	Beige	2/0	150	Without Needle
PC00J16	Plain Catgut	Beige	0	150	Without Needle
PC01J16	Plain Catgut	Beige	1	150	Without Needle
PC02J16	Plain Catgut	Beige	2	150	Without Needle
PC03J16	Plain Catgut	Beige	3	150	Without Needle

SILK

Exceptional control for confidence in gentle tissue approximation



Excellent handling combination with great strength for gentle tissue approximation

Properties

Structure: Braided
 Colour: Black, White
 Composition: Natural silk filaments
 Coating: Silicon / wax
 Sizes: USP 8/0 - USP 4
 Sterilization: Ethylene Oxide

Indication:

- General surgery
- Neurosurgery

Advantages:

- Excellent handling properties
- High tensile strength
- Highly smooth and flexible
- Good knot security

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
SK40F0116	Silk	Black	4/0	75	● 1/2 16mm
SK30F0130	Silk	Black	3/0	75	● 1/2 30mm
SK20F0124	Silk	Black	2/0	75	● 1/2 24mm
SK20F0135	Silk	Black	2/0	75	● 1/2 35mm
SK00F0137	Silk	Black	0	75	● 1/2 37mm
SK01F0137	Silk	Black	1	75	● 1/2 37mm
SK01F0137	Silk	Black	0	75	● 1/2 37mm
SK02F0137	Silk	Black	2	75	● 1/2 37mm
SK00J16	Silk	Black	2	75	without needle
SK00F0130	Silk	Black	0	75	● 1/2 30mm
SK01F0135	Silk	Black	1	75	● 1/2 35mm
SK01F0130	Silk	Black	1	75	● 1/2 35mm
SK20J16	Silk	Black	2	75	without needle
SK20F0125	Silk	Black	2/0	75	● 1/2 25mm
SK60C0409	Silk	Black	6/0	45	▲ 3/8 9mm
SK50F0416	Silk	Black	5/0	75	▲ 3/8 16mm
SK40F0416	Silk	Black	4/0	75	▲ 3/8 16mm
SK40F0619	Silk	Black	4/0	75	▼ 3/8 19mm
SK30F0619	Silk	Black	3/0	75	▼ 3/8 19mm
SK30F0424	Silk	Black	3/0	75	▲ 3/8 24mm
SK30F0626	Silk	Black	3/0	75	▼ 3/8 26mm
SK20F0626	Silk	Black	2/0	75	▼ 3/8 26mm
SK30F0430	Silk	Black	3/0	75	▲ 3/8 30mm
SK20F0430	Silk	Black	2/0	75	▲ 3/8 30mm
SK00F0637	Silk	Black	0	75	▼ 3/8 37mm
SK01F0637	Silk	Black	1	75	▼ 3/8 37mm
SK00F0440	Silk	Black	0	75	▲ 3/8 40mm
SK01F0440	Silk	Black	1	75	▲ 3/8 40mm
SK02F0440	Silk	Black	2	75	▲ 3/8 40mm
SK02F0445	Silk	Black	2	75	▲ 3/8 45mm

POLYPROPYLENE

Reliable performance for confidence in contaminated wound closure



With exceptional strength comes confidence that lasts

Properties

Structure: Monofilament
 Colour: Blue
 Chemical composition: Polypropylene
 Sizes: USP 7/0 - USP 3
 Sterilization: Ethylene Oxide

Indication:

- Vascular surgery
- Cardiac surgery
- Plastic and reconstructive surgery
- Skin closure (intra, sub, skin)
- Neurosurgery
- Microsurgery
- Gastrointestinal surgery

Advantages:

- High tensile strength
- Smooth tissue passage
- Easy and secure knotting
- Minimal acute inflammatory reaction in tissues
- Excellent and permanent tissue support

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
PP60F0613	Polypropylene	Blue	6/0	75	▼ 3/8 13mm
PP50F0616	Polypropylene	Blue	5/0	75	▼ 3/8 16mm
PP40F0416	Polypropylene	Blue	4/0	75	▼ 3/8 16mm
PP40F0619	Polypropylene	Blue	4/0	75	▼ 3/8 19mm
PP30F0626	Polypropylene	Blue	3/0	75	▼ 3/8 26mm
PP30F0860	Polypropylene	Blue	3/0	75	straight▲ 60mm
PP20F0626	Polypropylene	Blue	2/0	75	▼ 3/8 26mm
PP20F0430	Polypropylene	Blue	2/0	75	▼ 3/8 30mm
PP20F0435	Polypropylene	Blue	2/0	75	▼ 3/8 35mm
PP20F0860	Polypropylene	Blue	2/0	75	straight▲ 60mm
PP00F0435	Polypropylene	Blue	0	75	▲ 3/8 35mm
PP00F0637	Polypropylene	Blue	0	75	▼ 3/8 37mm
PP01F0440	Polypropylene	Blue	1	75	▲ 3/8 40mm
PP02F0440	Polypropylene	Blue	2	75	▲ 3/8 40mm
PP01F0645	Polypropylene	Blue	1	75	▼ 3/8 45mm
PP02F0645	Polypropylene	Blue	2	75	▼ 3/8 45mm
PP60F0113	Polypropylene	Blue	6/0	75	● 1/2 13mm
PP50F0116	Polypropylene	Blue	5/0	75	● 1/2 16mm
PP40F0120	Polypropylene	Blue	4/0	75	● 1/2 20mm
PP30F0124	Polypropylene	Blue	3/0	75	● 1/2 24mm
PP20F0126	Polypropylene	Blue	2/0	75	● 1/2 26mm
PP30F0130	Polypropylene	Blue	3/0	75	● 1/2 30mm
PP20F0130	Polypropylene	Blue	2/0	75	● 1/2 30mm
PP00F0137	Polypropylene	Blue	0	75	● 1/2 37mm
PP00F0140	Polypropylene	Blue	0	75	● 1/2 40mm
PP01F0140	Polypropylene	Blue	1	75	● 1/2 40mm
PP02F0140	Polypropylene	Blue	2	75	● 1/2 40mm
PP00F0130	Polypropylene	Blue	0	75	● 1/2 30mm
PP20F0125	Polypropylene	Blue	2/0	75	● 1/2 25mm
PP20F0125-2	Polypropylene	Blue	2/0	75	● 1/2 25mm
PP30F0125-2	Polypropylene	Blue	3/0	75	● 1/2 25mm
PP30F0325	Polypropylene	Blue	3/0	75	▲ 1/2 25mm
PP40F0317	Polypropylene	Blue	4/0	75	▲ 1/2 17mm
PP40F0117-2	Polypropylene	Blue	4/0	75	● 1/2 17mm

NYLON

Ideal selection for confidence in skin closure



Appropriate choice for dermal closure and retention suturing

Properties

Structure: Monofilament
 Colour: Blue, Black
 Chemical composition: polyamide 6 - 6.6
 Sizes: USP 12/0 - USP 4
 Sterilization: Ethylene Oxide

Indication:

- Skin closure (intracutaneous, subcutaneous)
- Plastic and reconstructive surgery
- Microsurgery
- Ophthalmic surgery

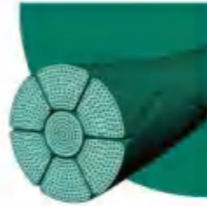
Advantages:

- High tensile strength
- Smooth tissue passage
- Easy and secure knotting
- Excellent and permanent tissue support

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
NL30F0130	Nylon	Blue	3/0	75	● 1/2 30mm
NL20F0130	Nylon	Blue	2/0	75	● 1/2 30mm
NL00F0137	Nylon	Blue	0	75	● 1/2 30mm
NL01F0137	Nylon	Blue	1	75	● 1/2 30mm
NL02F0137	Nylon	Blue	2	75	● 1/2 37mm
NL00F0140	Nylon	Blue	0	75	● 1/2 40mm
NL01F0140	Nylon	Blue	1	75	● 1/2 40mm
NL02F0140	Nylon	Blue	2	75	● 1/2 40mm
NL60J16	Nylon	Blue	6/0	150	Without Needle
NL50J16	Nylon	Blue	5/0	150	Without Needle
NL40J16	Nylon	Blue	4/0	150	Without Needle
NL30J16	Nylon	Blue	3/0	150	Without Needle
NL20J16	Nylon	Blue	2/0	150	Without Needle
NL00J16	Nylon	Blue	0	150	Without Needle
NL01J16	Nylon	Blue	1	150	Without Needle
NL02J16	Nylon	Blue	2	150	Without Needle
NL60C0409	Nylon	Blue	6/0	45	▲ 3/8 9mm
NL60D0612	Nylon	Blue	6/0	60	▲ 3/8 12mm
NL50F0613	Nylon	Blue	5/0	60	▼ 3/8 12mm
NL50F0416	Nylon	Blue	5/0	75	▲ 3/8 16mm
NL40F0416	Nylon	Blue	4/0	75	▲ 3/8 16mm
NL40F0619	Nylon	Blue	4/0	75	▼ 3/8 19mm
NL40F0424	Nylon	Blue	4/0	75	▲ 3/8 24mm
NL30F0424	Nylon	Blue	3/0	75	▲ 3/8 24mm
NL30F0626	Nylon	Blue	3/0	75	▼ 3/8 26mm
NL30F0860	Nylon	Blue	3/0	75	straight ▲ 60mm
NL20F0626	Nylon	Blue	2/0	75	▼ 3/8 26mm
NL30F0428	Nylon	Blue	3/0	75	▲ 3/8 28mm
NL20F0430	Nylon	Blue	2/0	75	▲ 3/8 30mm
NL20F0435	Nylon	Blue	2/0	75	▲ 3/8 35mm
NL20F0860	Nylon	Blue	2/0	75	straight ▲ 60mm
NL00F0435	Nylon	Blue	0	75	▲ 3/8 35mm
NL00F0637	Nylon	Blue	0	75	▼ 3/8 37mm
NL00F0440	Nylon	Blue	0	75	▲ 3/8 40mm

POLYESTER

Ultimate security for confidence in approximation of tissues under stress



Enhancing confidence for everlasting support

Properties

Structure: Braided
 Colour: Green, White
 Chemical composition: Polyethylene terephthalate
 Coating: Silicon
 Sizes: USP 6/0 - USP 4
 Sterilization: Ethylene Oxide

Indication:

- General surgery
- Orthopaedics
- Ligatures

Advantages:

- High tensile strength
- Excellent handling properties
- Minimal tissue reaction
- Good knot security

Suture Codes	Suture Name	Colour	Size/USP	Length/cm	Needle Specifications
PB60C0409	POLYESTER	Green	6/0	45	▲ 3/8 9mm
PB50F0412	POLYESTER	Green	5/0	75	▲ 3/8 12mm
PB40F0616	POLYESTER	Green	4/0	75	▼ 3/8 16mm
PB40F0619	POLYESTER	Green	4/0	75	▼ 3/8 19mm
PB30F0419	POLYESTER	Green	3/0	75	▼ 3/8 19mm
PB30F0424	POLYESTER	Green	3/0	75	▼ 3/8 24mm
PB30F0626	POLYESTER	Green	3/0	75	▼ 3/8 26mm
PB20F0626	POLYESTER	Green	2/0	75	▼ 3/8 26mm
PB20F0430	POLYESTER	Green	2/0	75	▲ 3/8 30mm
PB20F0435	POLYESTER	Green	2/0	75	▲ 3/8 35mm
PB00F0435	POLYESTER	Green	0	75	▲ 3/8 35mm
PB20F0637	POLYESTER	Green	2/0	75	▼ 3/8 37mm
PB00F0637	POLYESTER	Green	0	75	▼ 3/8 37mm
PB00F0440	POLYESTER	Green	0	75	▲ 3/8 40mm
PB01F0440	POLYESTER	Green	1	75	▲ 3/8 40mm
PB02F0440	POLYESTER	Green	2	75	▲ 3/8 40mm
PB01F0642	POLYESTER	Green	1	75	▼ 3/8 42mm
PB02F0642	POLYESTER	Green	2	75	▼ 3/8 42mm
PB60C0110	POLYESTER	Green	6/0	45	● 1/2 10mm
PB60F0113	POLYESTER	Green	6/0	75	● 1/2 13mm
PB50F0113	POLYESTER	Green	5/0	75	● 1/2 13mm
PB40F0120	POLYESTER	Green	4/0	75	● 1/2 20mm
PB30F0120	POLYESTER	Green	3/0	75	● 1/2 20mm
PB30F0124	POLYESTER	Green	3/0	75	● 1/2 24mm
PB20F0124	POLYESTER	Green	2/0	75	● 1/2 24mm
PB20F0130	POLYESTER	Green	2/0	75	● 1/2 30mm
PB00F0130	POLYESTER	Green	0	75	● 1/2 30mm
PB00F0135	POLYESTER	Green	0	75	● 1/2 35mm
PB4016200	POLYESTER	White	4/0	20m/spool	
PB3016200	POLYESTER	White	3/0	20m/spool	
PB2016200	POLYESTER	White	2/0	20m/spool	
PB0016200	POLYESTER	White	0	20m/spool	
PB0116200	POLYESTER	White	1	20m/spool	
PB0216200	POLYESTER	White	2	20m/spool	

Ultra High Molecular Weight Polyethylene (UHMWPE)



Properties

Structure: Braided
 Colour: White, white+blue, white+black, white+green
 Chemical composition: Polyethylene
 Sizes: USP 7/0 - USP 5
 Sterilization: Ethylene Oxide

Advantages:

- Extremely strong, flexible and smooth
- Outstanding tensile strength
- Minimal inflammatory reaction

PTFE



Properties

Structure: Monofilament
 Colour: White
 Chemical composition: polytetrafluoroethylene
 Sizes: USP 2/0 - 6/0
 Sterilization: Ethylene Oxide

Advantages:

- High tensile strength; does not weaken when moistened.
- Decreased inflammation and faster wound repair.
- Soft, comfortable for patients.
- Great handling properties and knot security.

PDO-Barbed wire



PDO barbed suture is a knotless wound closure device composed of synthetic absorbable monofilament polydioxanone. Barbs are designed to ensure excellent wound closure by virtue of unique combination of security and speed thereby increasing efficiency and shortening the time for wound closure. The barbs are arranged in a spiral manner on the surface at an angle of 72°. We offer a variety of sizes from 4-0 to 2 that are fitted with premium needles for your wound closure needs.

Absorption Profile

Wound support:
60 to 90 days
Total absorption:
180 to 210 days

In vivo strength retention

80% at 2 weeks
60% at 4 weeks
40% at 6 weeks

Usage

General Surgery
Plastic Surgery
Lap Surgery
Urology Surgery

Uni-directional absorbable knotless barbed PDO suture

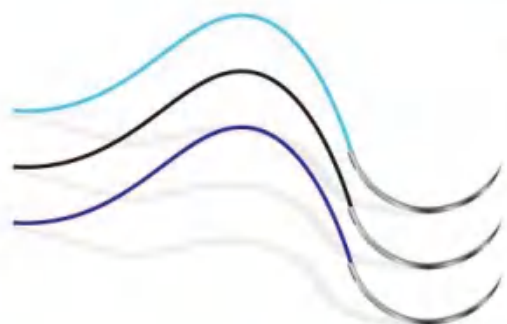
Item No.	Type of Needle	Length /cm	SUTURE GAUGE U.S.P.						
			2	1	0	2/0	3/0	4/0	
1	1/2 Circle - 36mm Taper Point	15	BPDO02A0136						
2	1/2 Circle - 36mm Taper Point	20		BPDO01Q0136	BPDO00Q0136				
3	1/2 Circle - 36mm Taper Point	30	BPDO02B0136	BPDO01B0136	BPDO00B0136	BPDO20B0136			
4	1/2 Circle - 36mm Taper Point	45	BPDO02C0136	BPDO01C0136	BPDO00C0136	BPDO20C0136			
5	1/2 Circle - 40mm Reverse cutting	45	BPDO02C0540						
6	1/2 Circle - 36mm Reverse cutting	45		BPDO01C0536	BPDO00C0536				
7	1/2 Circle - 26mm Taper Point	30			BPDO00B0126				
8	1/2 Circle - 36mm Reverse cutting	30			BPDO00B0536				
9	1/2 Circle - 26mm Taper Point	15				BPDO20A0126			
10	1/2 Circle - 26mm Taper Point	20				BPDO20Q0126			
11	1/2 Circle - 26mm Taper Point	20					BPDO30Q0126		
12	1/2 Circle - 26mm Taper Point	45					BPDO30C0126		
13	3/8 Circle - 19mm Reverse cutting	20					BPDO30Q0619	BPDO40A0619	
14	3/8 Circle - 19mm Reverse cutting	30					BPDO30B0619	BPDO40B0619	
15	3/8 Circle - 19mm Reverse cutting	15						BPDO40A0619	

SPECIALTY SUTURES PORTFOLIO

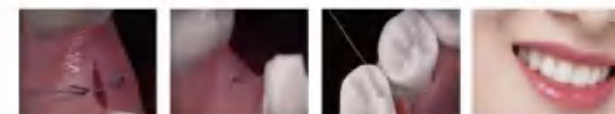
Dental sutures



Optimal performance in DENTAL SURGERY



Dental sutures



Non Absorbable soft Nylon

USP Size	Needle shape	Colour	Structure
4/0, 5/0	3/8 circle reverse cutting	Blue, Black	Monofilament

Non Absorbable Silk Braided

USP Size	Needle shape	Colour	Structure
3/0, 4/0	3/8 circle reverse cutting	Black, White	Braided multifilament

Synthetic Absorbable Polyglactine 910

USP Size	Needle shape	Colour	Structure
4/0, 5/0	3/8 circle reverse cutting	Violet	Braided multifilament

Synthetic Absorbable Polydioxanone

USP Size	Needle shape	Colour	Structure
4/0	3/8 circle reverse cutting	Violet	Monofilament

Non Absorbable PTFE

USP Size	Needle shape	Colour	Structure
3/0, 4/0, 5/0	3/8 circle reverse cutting	White	Monofilament

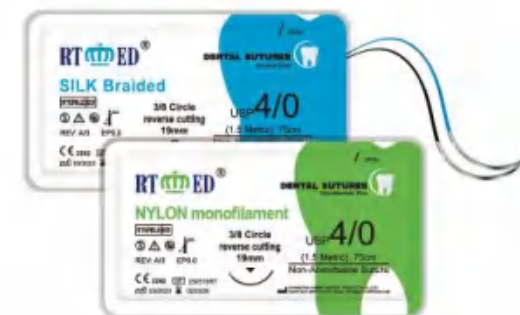


DENTAL AND MAXILLOFACIAL SURGERY

Haidike surgical dental sutures allow dental and maxillofacial surgeons to obtain the best results for their patients. Our wide portfolio consists of absorbable and non-absorbable sutures.

Surgical procedures:

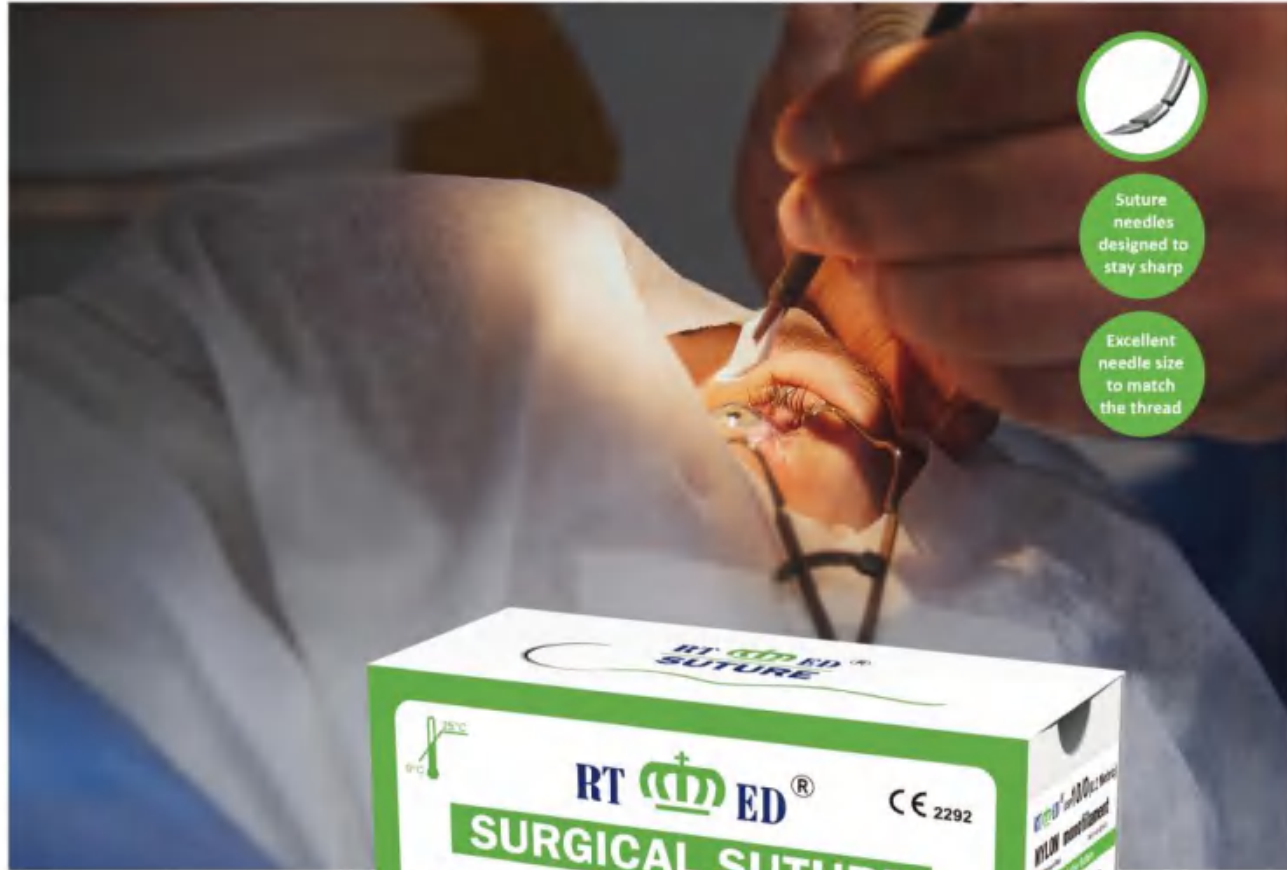
- Dental implants
- Dental prostheses
- Maxillary sinus lift
- Bone grafts
- Removal of pathological processes
- Apicoectomies
- Periodontal surgery
- Gingival aesthetics
- Gingival graft
- Third molar surgery
- Frenectomies
- Pediatric dentistry





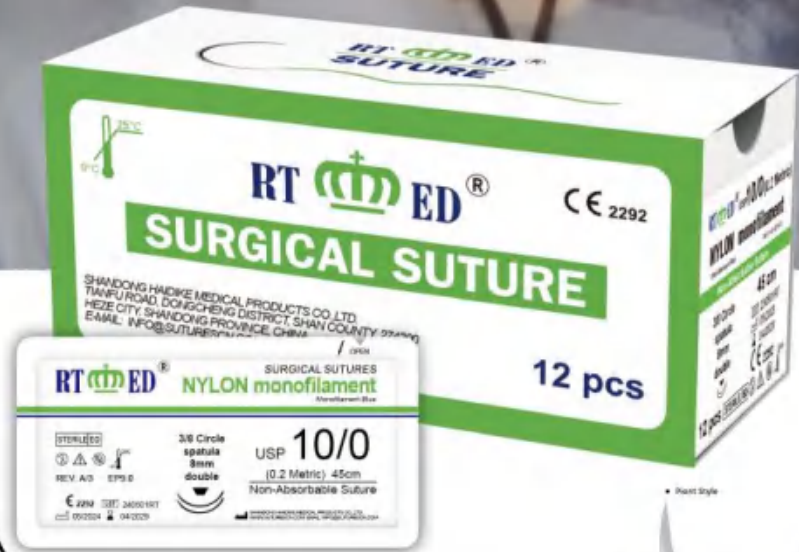
Ophthalmic sutures

NON-ABSORBABLE SUTURE
(11-0, 10-0, 9-0, 8-0, 7-0)



Suture needles designed to stay sharp

Excellent needle size to match the thread



Ophthalmic sutures



Non Absorbable soft Nylon

USP Size	Needle image	Needle shape	Needle point	Colour
11/0		3/8 Circle spatula		Blue, Black
10/0		3/8 Circle spatula		Blue, Black
9/0		3/8 Circle spatula		Blue, Black
8/0		3/8 Circle spatula		Blue, Black
7/0		3/8 Circle spatula		Blue, Black

Non Absorbable Silk Braided

USP Size	Needle image	Needle shape	Needle point	Colour
7/0		3/8 Circle spatula		Blue, Black
6/0		1/4 Circle spatula		Blue, Black



Recommendations

Open only the necessary sutures. With gentle traction, straighten the sutures.

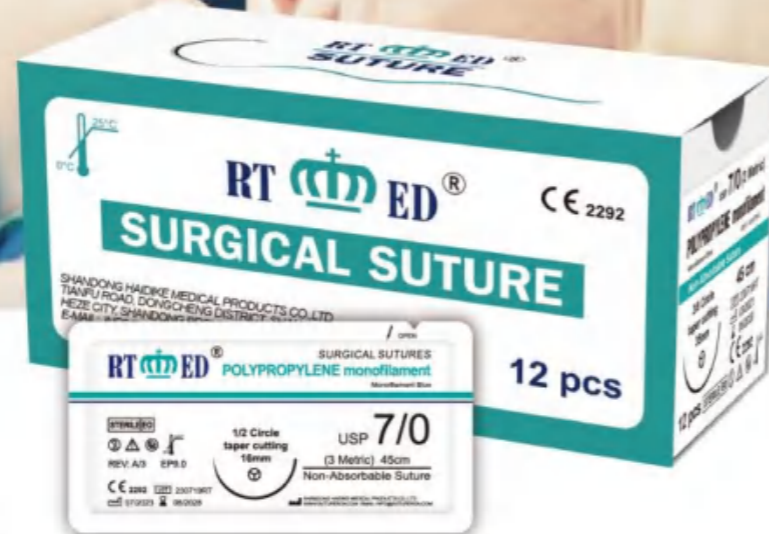
Do not squeeze them, do not rub them, and do not pull the needles sharply. Do not squeeze or tighten the suture threads with surgical instruments.

(*)±2 mm.

Cardiovascular sutures



Inlet suture body is soft



Cardiovascular sutures



USP Size	Needle image	Needle shape	Colour	Structure
10/0		1/2 Circle taper cutting	Blue	Monofilament
9/0		1/2 Circle taper cutting	Blue	Monofilament
8/0		1/2 Circle taper cutting	Blue	Monofilament

Unique steel should be bent rather than broken

Using 300 series stainless steel, the clinical effect is better than bending



Temporary wires

- Epicardial wires
- Atrial and/or ventricular wires
- External pacing box
- Controlled by external pulse generator



	THREADS		NEEDLES			
	THREADS TYPE	THREADS DIAMETER	THREADS LENGTH			
ABSORBABLE	POLYGLYCOLIC ACID (size: 5-8/0)	PGA	15cm	A	● 1/2 circle round bodied	01
	POLYGLYCOLIC ACID RAPID (size: 5-8/0)	PGAR	30cm	B	● 3/8 circle round bodied	02
	POLYGLYCOLIC ACID PLUS (size: 5-8/0)	PGA+	45cm	C	▲ 1/2 circle curved cutting	03
	POLYGLACTIN 910 (size: 2-8/0)	PGLA	60cm	D	▲ 3/8 circle curved cutting	04
	POLYGLYGLACTIN 910 RAPID (size: 2-8/0)	PGLAR	70cm	E	▼ 1/2 circle reverse cutting	05
	POLYGLYGLACTIN 910 PLUS (size: 2-8/0)	PGLA+	75cm	F	▼ 3/8 circle reverse cutting	06
	POLYDIOXANONE (size: 2-7/0)	PDO	90cm	G	● straight round bodied	07
	POLYDIOXANONE RAPID (size: 2-7/0)	PDO R	100cm	H	▲ straight curved cutting	08
	POLYDIOXANONE PLUS (size: 2-7/0)	PDO+	125cm	I	⊗ 1/2 circle taper cutting	09
	CHROMIC CATGUT (size: 4-7/0)	CC	150cm	J	⊗ 3/8 circle taper cutting	10
	PLAIN CATGUT (size: 4-7/0)	PC	180cm	K	⊙ blunt point	11
	POLIGLECAPRONE 25 (size: 2-6/0)	PGCL	200cm	L	▼ 1/2 circle spatula curved	12
	POLIGLECAPRONE 25 RAPID (size: 2-6/0)	PGCLR	250cm	M	▼ 3/8 circle spatula curved	13
	POLIGLECAPRONE 25 PLUS (size: 2-6/0)	PGCL+	300cm	N	● 1/4 circle round bodied	14
			400cm	O	● 1/2 circle round bodied heavy	15
			50cm	P	without needle	16
					double needle	-2
	NON-ABSORBABLE	SILK (size: 4-6/0)	SK			
NYLON (size: 4-12/0)		NL				
POLYPROPYLENE (size: 3-7/0)		PP				
POLYESTER (size: 4-7/0)		PB				
Ultra High Molecular Weight Polyethylene (UHMWPE) (size: 5-7/0)		UHMWPE				
PTFE (size: 2/0-6/0)	PTFE					

PGA	20	F	01	-2
PGA20F0126-2				
Polyglycolic Acid 2/0 75mm 1/2 circle round bodied double needles 26mm				

