

**RT  ED**<sup>®</sup>  
**SUTURE**



## 山东海迪科医用制品有限公司

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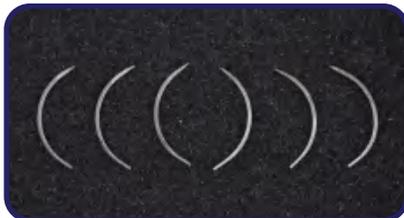


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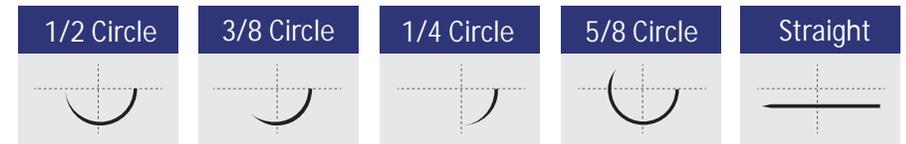
SHANDONG HAI DI KE MEDICAL PRODUCTS CO.,LTD.

Shandong Haidike Medical Products Co.,Ltd. is a leading and world famous medical devices manufacturer with CE, ISO, FSC, CFDA and FDA certificates. RTMED has registered as Madrid trademark. We have established good cooperation with Tsinghua University and Shandong Academy of Sciences, having great R & D center and research team. Our products are sold in over 100 countries.

- ◆ Absorbable Surgical Sutures Approved by CE Certificate
- ◆ No.1 Catgut Suture Plant In The World
- ◆ Lifting Threads For Beauty
- ◆ Orthopedic Casting Tapes & Splints



### Needle Shapes

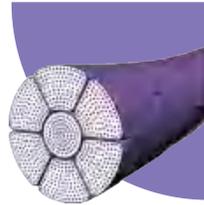


### Advantages

- Strong Hardness**
- Outstanding Sharpness**
- Excellent Tenacity And Ductility**

●	Round bodied (heavy)
▲	Curved cutting (heavy)
▼	Reverse cutting (heavy)
⊕	Taper cutting
◄	Microfine spatula curved
⊙	Blunt point
●	Straight round bodied
▲	Straight curved cutting

## PGA POLYGLYCOLIC ACID



### Properties:

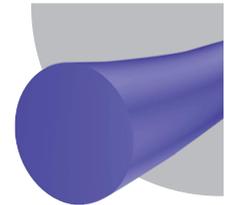
Structure: Multifilament, Braided  
 Colour: Violet, Undyed  
 Chemical composition: Polyglycolic acid  
 Coating: Polycaprolactone + Calcium Stearate  
 Sizes: USP 8/0 - USP 4  
 Type of absorption: Hydrolysis  
 Sterilization: Ethylene Oxide  
 Absorption: 60 - 90 days



### Advantages:

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

## PDO POLYDIOXANONE



### Properties:

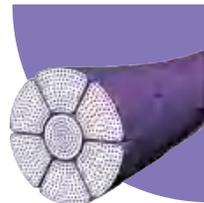
Structure: Monofilament  
 Colour: Violet, Undyed  
 Chemical composition: Poly (p-dioxanone)  
 Sizes: USP 7/0 - USP 2  
 Type of absorption: Hydrolysis  
 Sterilization: Ethylene Oxide  
 Absorption: 180 - 210 days



### Advantages:

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

## PGLA POLYGLACTIN 910



### Properties:

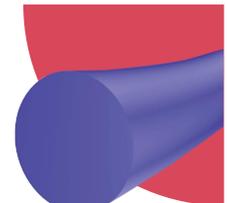
Structure: Multifilament, Braided  
 Colour: Violet, Undyed  
 Chemical composition: Poly(glycolide-co-l-lactide 90/10)  
 Coating: Poly(glycolide-co-l-lactide 30/70) + Calcium Stearate  
 Sizes: USP 8/0 - USP 2  
 Type of absorption: Hydrolysis  
 Sterilization: Ethylene Oxide  
 Absorption: 56 - 70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



### Advantages:

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

## PGCL POLIGLECAPRONE 25



### 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



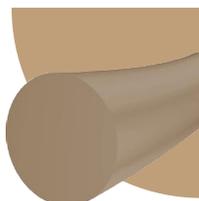
### Advantages:

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

# CHROMIC CATGUT

## Properties:

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



## Advantages:

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

# PLAIN CATGUT

## Properties:

Colour: Beige  
 Composition: Purified connective tissue  
 Sizes: USP 7/0 - USP 4  
 Type of absorption: Proteolysis  
 Sterilization: Gamma radiation  
 Absorption: 60 - 70 days



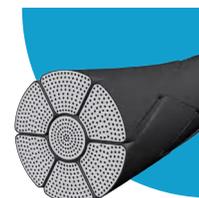
## Advantages:

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

# SILK

## Properties:

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



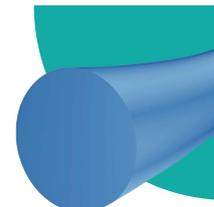
## Advantages:

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

# POLYPROPYLENE

## Properties:

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



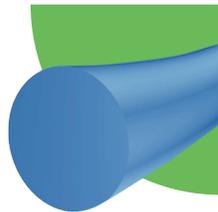
## Advantages:

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

# NYLON

## Properties:

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



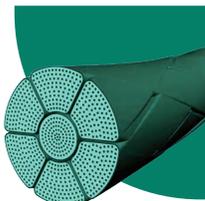
## Advantages:

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

# POLYESTER

## Properties:

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



## Advantages:

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

THREADS

NEEDLES

	THREADS TYPE		THREADS DIAMETER		THREADS LENGTH			
ABSORBABLE	POLYGLYCOLIC ACID (size: 5-8/0)	PGA	10/0	10	15cm	A	● 1/2 circle round bodied	01
	POLYGLYCOLIC ACID RAPID (size: 5-8/0)	PGAR	9/0	90	30cm	B	● 3/8 circle round bodied	02
	POLYGLYCOLIC ACID PLUS (size: 5-8/0)	PGA+	8/0	80	45cm	C	▲ 1/2 circle curved cutting	03
	POLYGLACTINE 910 (size: 2-8/0)	PGLA	7/0	70	60cm	D	▲ 3/8 circle curved cutting	04
	POLYGLYGLACTINE 910 RAPID (size: 2-8/0)	PGLAR	6/0	60	70cm	E	▼ 1/2 circle reverse cutting	05
	POLYGLYGLACTINE 910 PLUS (size: 2-8/0)	PGLA+	5/0	50	75cm	F	▼ 3/8 circle reverse cutting	06
	POLYDIOXANONE (size: 2-7/0)	PDO	4/0	40	90cm	G	● straight round bodied	07
	POLYDIOXANONE RAPID (size: 2-7/0)	PDOR	3/0	30	100cm	H	▲ straight curved cutting	08
	POLYDIOXANONE PLUS (size: 2-7/0)	PDO+	2/0	20	125cm	I	⊗ 1/2 circle taper cutting	09
	CATGUT CHROMIC (size: 4-7/0)	CC	0	00	150cm	J	⊗ 3/8 circle taper cutting	10
	CATGUT PLAIN (size: 4-7/0)	PC	1	01	180cm	K	⊙ blunt point	11
	POLIGLECAPRONE 25 (size: 2-6/0)	PGCL	2	02	200cm	L	▼ 1/2 circle spatula curved	12
	POLIGLECAPRONE 25 RAPID (size: 2-6/0)	PGCLR	3	03	250cm	M	▼ 3/8 circle spatula curved	13
	POLIGLECAPRONE 25 PLUS (size: 2-6/0)	PGCL+	4	04	300cm	N	● 1/4 circle round bodied	14
NON-ABSORBABLE	SILK (size: 4-6/0)	SK			300cm	N	● 1/2 circle round bodied heavy	15
	NYLON (size: 4-12/0)	NL			400cm	O	without needle	16
	POLYPROPYLENE (size: 3-7/0)	PP			50cm	P	double needle	-2
	POLYESTER (size: 4-7/0)	PB						



PGA20F0126-2

Polyglycolic Acid 2/0 75mm 1/2 circle round bodied double needles 26mm

# Orthopedic Casting Tape



## USE INSTRUCTION

- Apply 1~2 layers stockinet over the affected body part;
- Wear surgical gloves;
- Choose proper size orthopedic casting tape, then open the package;
- Immerse the casting tape in normal temperature(21℃~24℃) water for 4~6 seconds and squeeze 2~3 times. Then remove from the water and squeeze out the excess water. The curing time of orthopedic casting tape is directly related to the temperature of water. The curing time is shorter in high temperature water than in low temperature water. If the water temperature is over 27℃, the curing time is too short to increase the difficulty of the operation.
- Wrap the casting tape spirally around the affected body part, overlapping the previous layer by one-half or two-thirds the width of the tape. The tension is moderate. If it is too loose, it will weaken the adhesion of the orthopedic casting tape. If it is too tight, it will affect the blood circulation.
- The intensity of the casting tape is related to the number of overlapped layers. Overlap 3~4 layers for the non-weight bearing parts, while overlap 5~6 layers for the weight bearing parts. If more layers are needed, please ensure the adhesivity between the layers.
- To increase the adhesion between layers, the casting tape will be shaped after wrapped. The operating time should be in 3~5 minutes. The adhesion and shaping effect cannot reach the best if the operating time is longer or the immersed time is too long. The patients do not allow to move freely in 10 minutes before the orthopedic casting tape are completely hardened.
- The electric plaster saw is needed if the affected parts need to open a window or remove the orthopedic casting tape.

## Orthopedic Casting Tape

Product Description	Sizes	Specification(W×L)	Packaging	Operating Part
Fiberglass Orthopedic Casting Tape	RT002	5.0cm × 360cm	10bags/box 12boxes/ctn	Wrists/Childrens
Fiberglass Orthopedic Casting Tape	RT003	7.5cm × 360cm	10bags/box 12boxes/ctn	Arms
Fiberglass Orthopedic Casting Tape	RT004	10.0cm × 360cm	10bags/box 12boxes/ctn	Arms / Legs
Fiberglass Orthopedic Casting Tape	RT005	12.5cm × 360cm	10bags/box 9boxes/ctn	Legs
Fiberglass Orthopedic Casting Tape	RT006	15.0cm × 360cm	10bags/box 9boxes/ctn	Legs

# Polymer Splint



Wrist Fixation  
Recommended sizes:  
312 (7.5cmX30cm)  
415 (10cmX40cm)



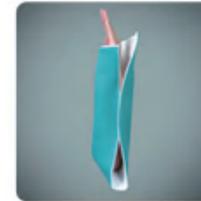
Thumb Fixation  
Recommended sizes:  
312 (7.5cmX30cm)  
415 (10cmX40cm)



The Fourth and Fifth Finger Fixation  
Recommended sizes:  
312 (7.5cmX30cm)  
415 (10cmX40cm)



Elbow Fixation  
Recommended sizes:  
312 (7.5cmX30cm)  
415 (10cmX40cm)



Forearm Fixation  
Recommended sizes:  
335 (7.5cmX90cm)  
430 (10cmX75cm)



Horseshoe Fixation  
Recommended sizes:  
335 (7.5cmX90cm)  
430 (10cmX75cm)



Ankle Fixation  
Recommended sizes:  
430 (10cmX75cm)  
530 (12.5cmX75cm)

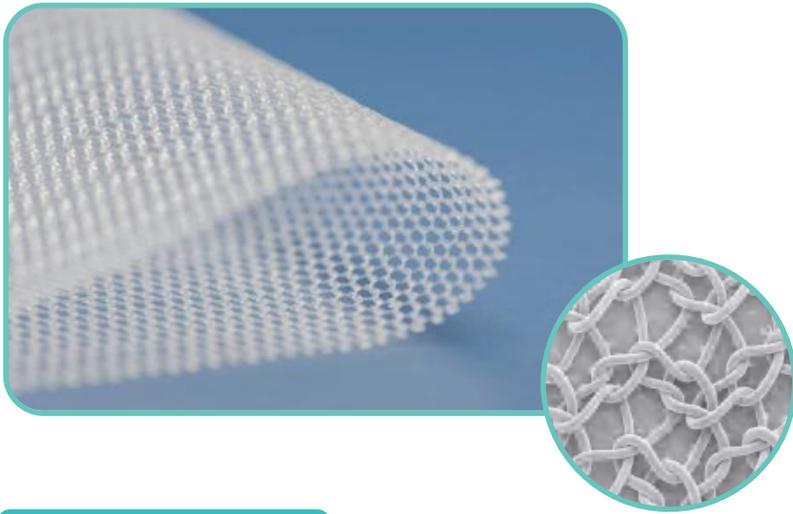


Legs Fixation  
Recommended sizes:  
335 (7.5cmX90cm)  
545 (12.5cmX115cm)

## Polymer splint

Product Description	Sizes Specification(WxL)	Packaging	Operating part
Medical Polymer Splint	312 7.50cmX30cm	20bags/box 6boxes/ctn	wrists/Childrens
Medical Polymer Splint	335 7.50cmX90cm	10bags/box 6boxes/ctn	arms/legs
Medical Polymer Splint	415 10.0cmX40cm	15bags/box 6boxes/ctn	arms/legs
Medical Polymer Splint	430 10.0cmX75cm	10bags/box 6boxes/ctn	legs
Medical Polymer Splint	530 12.5cmX75cm	10bags/box 6boxes/ctn	legs
Medical Polymer Splint	545 12.5cmX115cm	5bags/box 6boxes/ctn	legs
Medical Polymer Splint	630 15.0cmX75cm	10bags/box 6boxes/ctn	legs
Medical Polymer Splint	645 15.0cmX115cm	5bags/box 6boxes/ctn	legs

# Hernia Repair Mesh



## Large mesh aperture

Promotes liquid circulation and smoothes tissue growth.

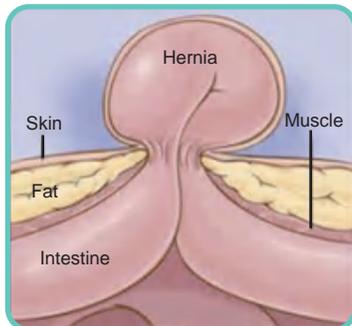
## Less micropores

Greatly reduces the possibility of bacteria hiding and is not easy to infect.

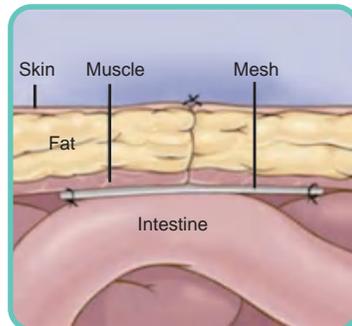
## Light weight

Reduce postoperative pain and foreign body sensation.

### Hernia Example



### After Mesh Repair



Cassette Sutures



Suture Materials



Self-Adhesive Bandage



Tissue Scissors



Stitch Scissors



Umbilical Scissors



Hemostatic Forceps



Tissue Forceps



Needle Forceps



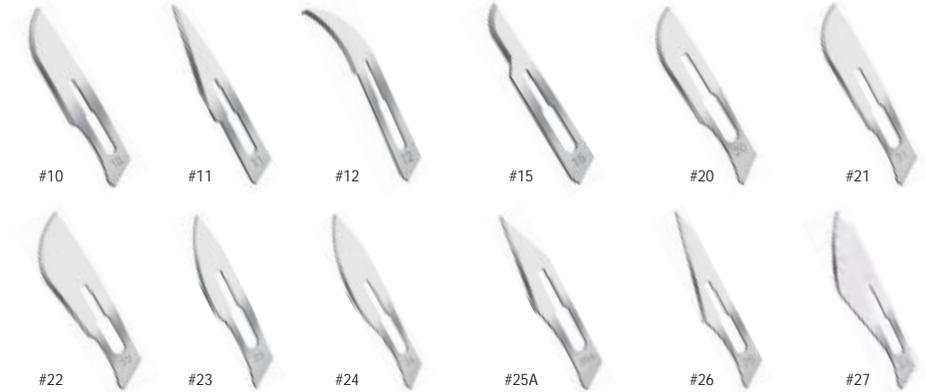
Edison Forceps



Dissecting Forceps



Dressing Forceps



Surgical Blade



Scalpel 3#



Scalpel 4#



Scalpel 7#



Bone Hook



Skin Retractor



Surgery Suction Pipe

# Lifting Threads Needle

**SHARP** Basic type, generally used for linear filling and simple lifting, Beginners can also operate effortlessly.



**W TYPE** Circular head, reducing the damage to the skin tissue. After the injection, the needle can be taken out then correct the position and depth of the needle, which improves the lack of a stitch of the other types.



**L TYPE** L type blunt needle, reduce the damage of blood vessels, bruising and hematoma. The pain was significantly reduced.



**U-COG** Double needling is used for eyebrow lifting and other parts requiring strong lifting. U-COG is a special structure line with strong lifting ability. The local lifting effect is almost as good as the little facelift.



# PDO/PCL Lifting

**Mono**

- Needle** Sharp Needle
- Parts** Face, Body
- Effects** Tightening, Filling, Wrinkles Removing, Whitening



**Tornado Screw**

- Needle** Sharp Needle
- Parts** Eye, Neck, Crow's Feet, Cheek
- Effects** Tightening, Filling, Whitening, Wrinkles Removing



**KONK**

- Needle** L type Blunt Needle
- Parts** Nasal columella, Nasal bridge
- Effects** Rhinoplasty, Nose Shaping



**COG Lifting**

- Needle** L/W type Blunt Needle
- Parts** Lifting Eyebrow, Apple Zone, Cheek, Chest
- Effects** Face Lifting, V Face, Chest Lifting



**Multi Threads**

- Needle** L type Blunt Needle
- Parts** Face, Neck, Eye Bag, Crow's Feet
- Effects** Tightening, Filling, Whitening, Wrinkles Removing

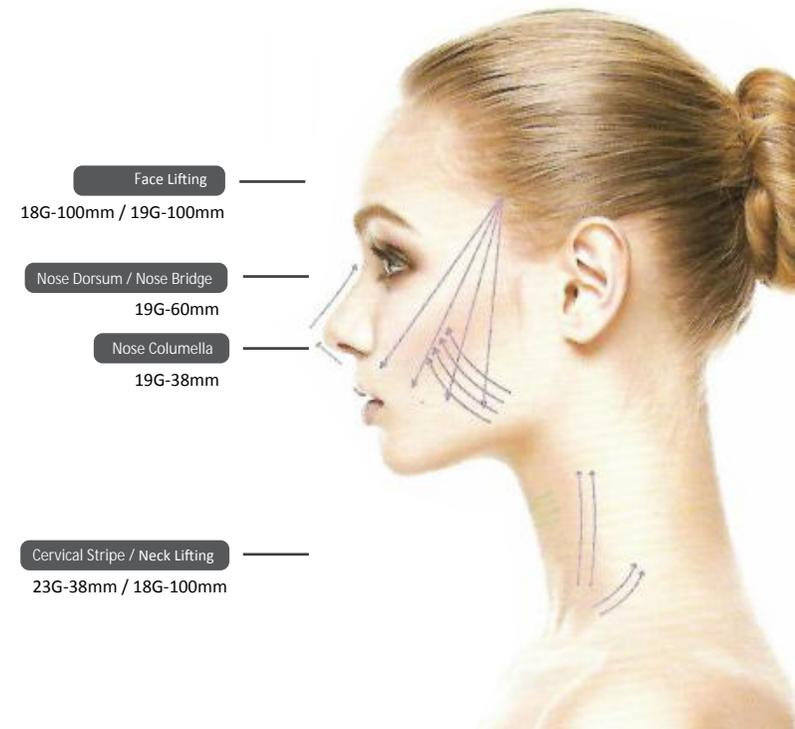


**Molding COG**

- Needle** W tye Blunt Needle
- Parts** Face, Neck, Crow's Feet, Eye Bag
- Effects** Tightening, Filling, Whitening, Wrinkles Removing




- Forehead  
Multi Threads / Tornado Screw / Mono Screw
- Crow's feet / Eye bags / Eye Corner's Lifting  
Blunt Needle For Eye 30G-25mm
- Apple Zone  
Multi Threads / Tornado Screw / Mono Screw
- Nasolabial folds / Mouth Corner's Lifting  
Multi Threads / Tornado Screw / Mono Screw



- Face Lifting  
18G-100mm / 19G-100mm
- Nose Dorsum / Nose Bridge  
19G-60mm
- Nose Columella  
19G-38mm
- Cervical Stripe / Neck Lifting  
23G-38mm / 18G-100mm

# Facial Mask



## Usage Method



Step one:  
Thoroughly clean facial skin before using facial mask.



Step two:  
Remove the facial mask, spread it on the face and adjust it to the skin.



Step three:  
Apply for 15-20 minutes, so that the skin can absorb the essence of the facial mask.



Step four:  
Remove the facial mask, gently massage the face with the fingers, absorb the residual essence, and clean the face.

# Lyophilized Powder



- ① Peptide element repair lyophilized powder
- ② Peptide element repairing solvent



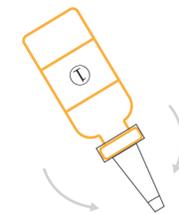
Step one:  
Open the aluminum cover and rubber plug.



Step two:  
Pour bottle ② of liquid into bottle ①.



Step three:  
Put on the dropper and shake the liquid in bottle ① evenly.



Step four:  
Squeeze the dropper, take a proper amount of liquid and evenly smear it on the face