

NJ Sutures-Your Reliable Partner in Surgical Solutions!



NANJING SUTURE
MEDICAL DEVICES CO.,LTD

Nanjing Suture Medical Devices Co.,Ltd

南京苏诚医疗器械有限公司

-Precision Sutures for Safe Surgical Outcomes.

Product Focus: *Surgical Sutures & Needles*



Add: Langshan Road 1st, Jiangbei New district, Nanjing Jiangsu China

Website: www.njsuture.com

About Suture Medical

Founded in 2004, our factory specializes in the production of surgical sutures and medical consumables, certified with ISO 13485 and CE. Since 2020, we have cooperated with international trading partners, and in 2025, we established our own independent export company to better serve global clients. We provide high-quality products and support OEM and ODM customization for distributors, hospitals, and brands worldwide.

What we offer?

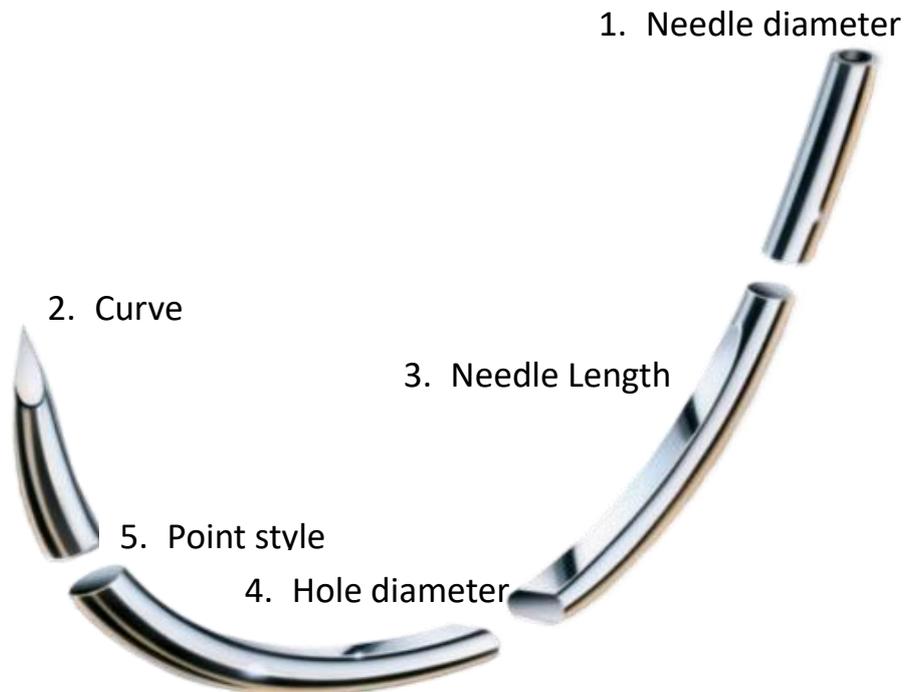
1. Surgical sutures needles	Cutting needles	PASORB/PASORBR...(7)
	Taper point needles	PACRYL/PACRYLR...(8)
	Blunt needles	PAXANONE/PAPRONE...(9)
	Reverse cutting needles	PACHROM/PAPLAIN...(11) PASILK/PABOND...(12)
2. Surgical sutures	Absorbable Sutures	PALENE/PAAMIDE...(13)
	Non-Absorbable Sutures	

1. Suture Needles

Suture's suture needles are made of AISI420J2 and AISI302.

Characteristics

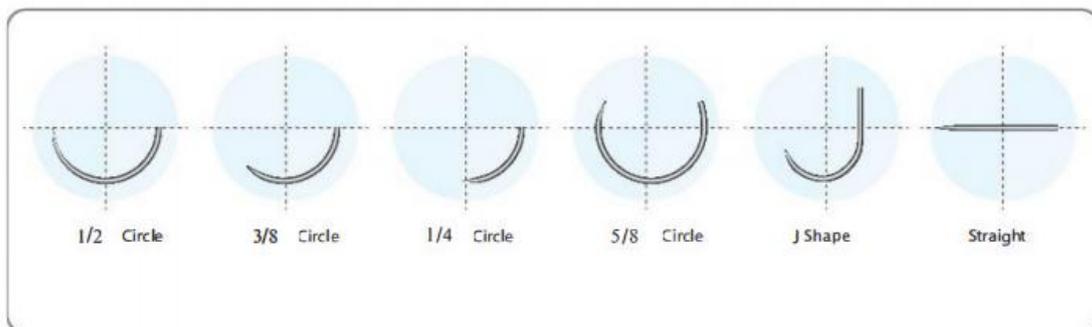
- Made from high-quality stainless steel specially designed for surgical needles
- Strong needle-to-thread attachment with excellent stability
- Silicon-coated for smoother passage and tissue protection
- Sharp tip for superior penetration with minimal tissue trauma
- Durable and resistant to bending or breaking



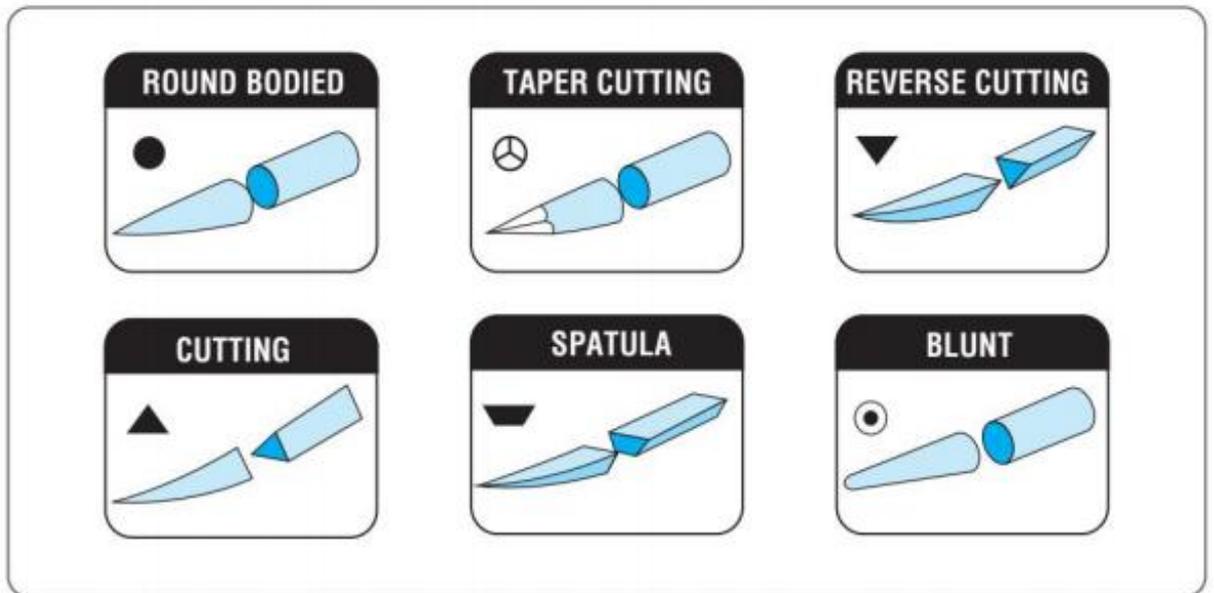
Materials

Composition of AISI 420J2 (WT%)								
C	Si	Mn	P	S	Ni	Cr		
0.2600 Min.						12.0000 Min.		
0.4000 Max.	1.0000 Max.	1.0000 Max.	0.0400 Max.	0.0300 Max.	0.6000 Max.	14.0000 Max.		
Composition of AISI 302 (WT%)								
C	Si	Mn	P	S	Ni	Cr	Mo	N
0.0500 Min.					6.0000 Min.	16.0000 Min.		
0.1500 Max.	0.2000 Max.	0.2000 Max.	0.0450 Max.	0.0150 Max.	9.5000 Max.	19.0000 Max.	0.8000	0.1100

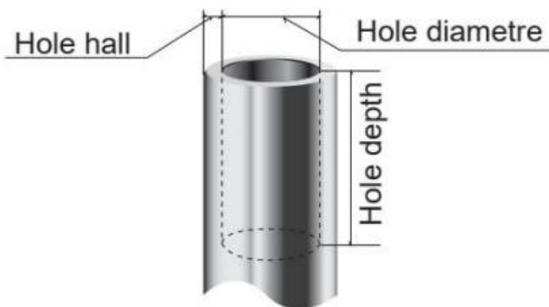
Curve



Point style



Hole Diameter, Needle Diameter & Hole Depth



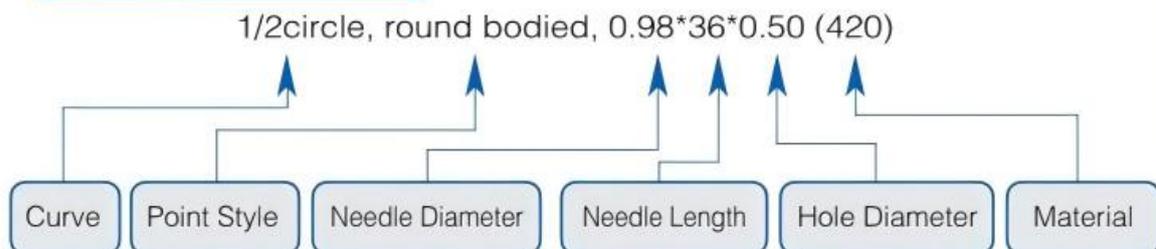
Available hole diameter and its' supporting minimum needle diameter and controlling minimum hole depth.

AISI420J2			AISI302		
Hole dia. (mm)	Min. needle dia. (mm)	Min. needle depth. (mm)	Hole dia. (mm)	Min. needle dia. (mm)	Min. needle depth. (mm)
0.15	0.39	1.2			
0.175	0.43	1.2			
0.20	0.43	1.3	0.20	0.44	1.3
0.225	0.49	1.3	0.225	0.49	1.3
0.25	0.53	1.4	0.25	0.49	1.4
0.275	0.59	1.6	0.275	0.59	1.6
0.30	0.59	1.7	0.30	0.59	1.7
0.325	0.67	1.7	0.325	0.68	1.7
0.35	0.69	1.7	0.35	0.68	1.7
0.375	0.73	1.7	0.375	0.73	1.7
0.40	0.73	2.0	0.40	0.73	2.0
0.425	0.83	2.0	0.425	0.83	2.0
0.45	0.87	2.0	0.45	0.83	2.0
0.475	0.87	2.0	0.475	0.88	2.0
0.50	0.89	2.0	0.50	0.93	2.0
0.525	0.93	2.0	0.525	0.93	2.0
0.55	0.93	2.0	0.55	0.98	2.0
0.575	0.98	2.0	0.575	0.98	2.0
0.60	0.98	2.0	0.60	1.03	2.0
0.65	1.02	2.0	0.65	1.08	2.0
0.70	1.08	2.0	0.70	1.13	2.0
0.75	1.12	2.0	0.75	1.18	2.0
0.80	1.22	2.0	0.80	1.23	2.0
0.85	1.32	2.0	0.85	1.33	2.0
0.90	1.42	2.0	0.90	1.42	2.0

Needle length

The available needle length is from 5.5mm to 90mm.

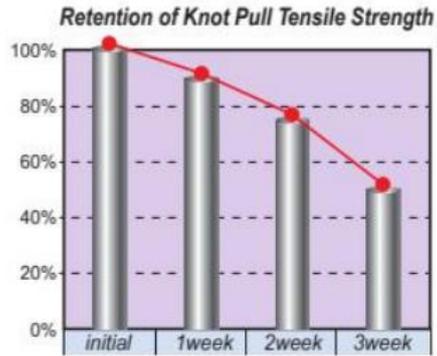
Description



PASORB/PASORBR is a synthetic absorbable surgical braid suture made of polyglycolic acid(PGA), coated with polycaprolactone and calcium stearate, available for dyed(violet) and undyed(beige).

CHARACTERISTICS

- High tensile strength
- Excellent knots security
- Minimal memory
- Easy handling



STERILIZATION METHOD:

Ethylene Oxide

PACKS:

12pcs/box.24pcs/box.36pcs/box:50boxes/carton,100boxes/carton

Parameters

ITEM	Polyglycolic acid (PASORB)	Polyglycolic acid rapid (PASORBR)
LENGTH	13cm~250cm	13cm~250cm
SPECIFICATION:	USP5~USP8/0 (EP7 ~EP0.4)	USP2~USP80(EP5~ EP0.4)
TENSILE STRENGTH:	50% tensile strength at 18 days, 0 tensile strength at 28-35 days.	50% tensile strength at 7 days, 0 tensile strength at 14 days.
ABSORPTION TIME:	56-70 DAYS	42 DAYS
APPLICATION:	Orthopaedics, Gynecology obstetrics, Urology, General surgery, Skin closure. Abdominal wall closure.	Pediatric surgery, ophthalmic surgery, odontology, gynecology, subcutaneous Intracutaneous closure.

PACRYL/PACRYLR is composed of a copolymer made from 90% glycolide and 10% L-lac-tide (PGLA) .It is coated with calcium stearate and 30:70 poly(glycolide-co-L-lac-tide), available for dyed (violet) and undyed (beige).

CHARACTERISTICS

- High tensile strength
- Excellent knots security
- Minimal memory
- Easy handling



STERILIZATION METHOD:

Ethylene Oxide

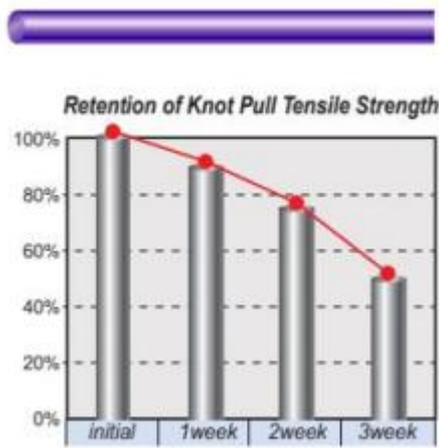
PACKS:

12pcs/box.24pcs/box.36pcs/box:50boxes/carton,100boxes/carton

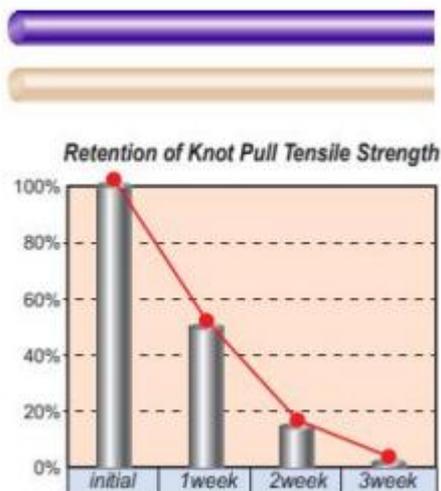
Parameters

ITEM	PACRYL (Polyglactin 910)	PACRYLR (Polyglactin 910 rapid)
LENGTH	13cm~250cm	13cm~250cm
SPECIFICATION:	USP5~USP8/0(EP7~EP0.4)	USP2~USP8/0(EP5~EP0.4)
TENSILE STRENGTH:	50% tensile strength at 18 days, 0 tensile strength at 28~35 days.	50% tensile strength at 7 days, 0 tensile strength at 14 days.
ABSORPTION TIME:	56-70 DAYS	42 DAYS
APPLICATION:	Orthopaedics, Gynecology obstetrics, Urology, General surgery, Skin closure. Abdominal wall closure.	Pediatric surgery, Ophthalmic surgery, Odontology, Gynecology, Subcutaneous Intracutaneous closure.

PAXANONE(Polydioxanone) is a synthetic absorbable surgical monofilament made of polydioxanone (PDO), available for dyed(violet) and undyed(clear).



PAPRONE(Poliglecaprone) is a short-term synthetic absorbable monofilament composed of copolymer made from 75% glycolide and 25% caprolactone (PGCL), available for dyed(violet) and undyed (beige).



CHARACTERISTICS

- High tensile strength
- Excellent knots security
- Minimal memory
- Easy handling

STERILIZATION METHOD:

Ethylene Oxide

PACKS:

12pcs/box.24pcs/box.36pcs/box:50boxes/carton,100boxes/carton

Parameters

ITEM	PAXANONE(Polydioxanone)	PAPRONE(Poliglecaprone)
LENGTH	13cm~250cm	13cm~250cm
SPECIFICATION:	USP3&4~USP7/0(EP6~EP0.5)	USP2~USP7/0(EP5~EP0.7)
TENSILE STRENGTH:	70% tensile strength at 28 days, 60% tensile strength at 42 days.	50% tensile strength at 7 days,0 tensile strength at 28 days.
ABSORPTION TIME:	183-238 DAYS	90-120 DAYS
APPLICATION:	Orthopaedics, Abdominal closure, Ligatures	Plastic Reconstructive surgery, gynecology, Gastrointestinal anastomosis, Urology, Subcutaneous Intracutaneous closure.

PACHROM is a natural absorbable catgut made of goat's intestine and treated with chromic salts, available for **brown dyed**.

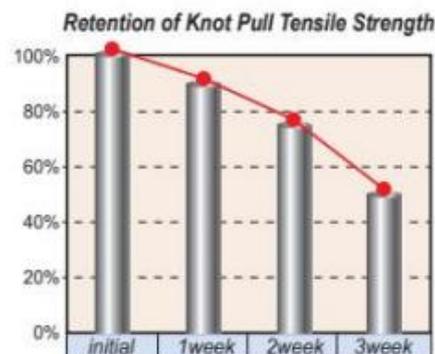
PAPLAIN is a natural short-term absorbable catgut made of goat's intestine available for yellow colour.

CHARACTERISTICS

- High tensile strength
- Easy and safe handling
- Excellent knots security
- Minimal memory
- High pliability

STERILIZATION METHOD:

Gamma radiation



PACKS:

12pcs/box.24pcs/box.36pcs/box:50boxes/carton,100boxes/carton

Parameters

ITEM	<p>PACHROM (Chromic catgut)</p>	<p>PAPLAIN (Plain catgut)</p>
LENGTH	13cm~200cm	13cm~200cm
SPECIFICATION:	USP4~USP6/0(EP8~ EP1)	USP4~USP6/0(EP8~EP1)
TENSILE STRENGTH:	50% tensile strength at 14~21 days.	50% tensile strength at 7~10 days.
ABSORPTION TIME:	Mass absorption 90 DAYS	Mass absorption 70 DAYS
APPLICATION:	Gastrointestinal, Mucosa, Dental, Gynecology, Subcutaneous skin closure ligatures.	Gastrointestinal, Mucosa, Dental, Gynecology, Genital area, Subcutaneous tissue and ligatures.
NOTICE:	Soak in saline solution for over 60 seconds before use.	

PASILK is a natural non-absorbable braided suture with silicone coated, available for black dyed or white colour.



PABOND is a synthetic non-absorbable braided suture with silicone coated, available for green dyed or white colour.



STERILIZATION METHOD:

Gamma radiation

PACKS:

12pcs/box.24pcs/box.36pcs/box:50boxes/carton,100boxes/carton

Parameters

<p>ITEM</p>	 <p>PASILK* (Silk braided)</p>	 <p>PABOND) (Polyester braided)</p>
<p>LENGTH</p>	<p>13cm~200cm</p>	<p>13cm~200cm</p>
<p>SPECIFICATION:</p>	<p>USP5~USP7/0(EP7~EP0.5)</p>	<p>USP5~USP7/0(EP7~EP0.5)</p>
<p>APPLICATION:</p>	<p>General surgery, Dental, skin closure, ligatures, Neurosurgery Ophthalmic surgery.</p>	<p>General surgery, Aortic and mitral valve replacement, Annuloplasty, Ventricular septal. Orthopedic surgery.</p>

PALENE is a non-absorbable monofilament suture made of Polypropylene available for blue or black dyed.



PAAMIDE is a synthetic non-absorbable monofilament suture made of nylon 6 available for blue or black dyed.



STERILIZATION METHOD:

Gamma radiation or Ethylene Oxide

PACKS:

12pcs/box.24pcs/box.36pcs/box:50boxes/carton,100boxes/carton

Parameters

<p>ITEM</p>	 <p>PASILK* (Silk braided)</p>	 <p>PABOND) (Polyester braided)</p>
<p>LENGTH</p>	<p>13cm~200cm</p>	<p>13cm~200cm</p>
<p>SPECIFICATION:</p>	<p>USP3~USP10/0(EP6~ EP0.2)</p>	<p>USP3~USP10/0(EP6~EP0.2)</p>
<p>APPLICATION:</p>	<p>Vascular surgery, Cardiac surgery, Plastic and reconstructive surgery, Skin closure. Neurosurgery, Microsurgery and Ophthalmic surgery.</p>	<p>General surgery, Skin closure, Reconstructive surgery, Microsurgery and Ophthalmic surgery.</p>

NJ Sutures-Your Reliable Partner in Surgical Solutions!

Production workshops



Assembling Needle Workshop



Packing Workshop



Automatic Drilling Workshop



Moisture Analyzer



Ethylene Oxide Analyzer



Puncture Power Tester