

CATALOGUE OF
Plain Catgut Suture - ORIGUT



CE **2265**

EN ISO 13485:2016 Certified

 **orion**TM
SUTURES
Since 1994

NEEDLE TYPES

Orion surgical needles are manufactured from highest quality stainless steel grades for outstanding performance, combining high ductility and strong bending moment. Advanced silicon coating ensures smooth penetration and reduced tissue trauma. The shape of the needle body is designed in order to allow maximum stability in the needle holder.

5/8 CIRCLE

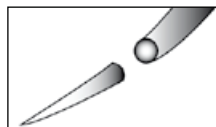
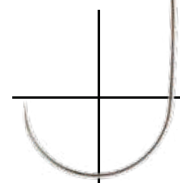
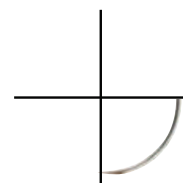
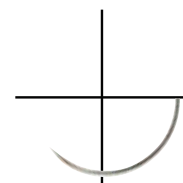
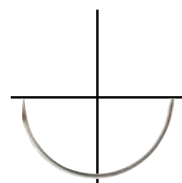
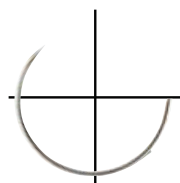
1/2 CIRCLE

3/8 CIRCLE

1/4 CIRCLE

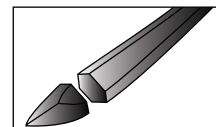
J-NEEDLE

STRAIGHT



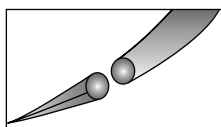
TAPER POINT

A gradual taper to a round bodied needle.



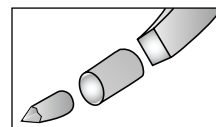
SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



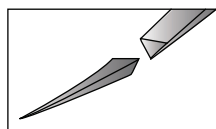
TAPERCUT POINT

Balanced, cutting point-tapering into a round bodied needle.



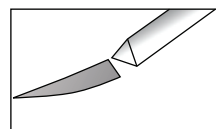
SOFT CUTTING POINT - CORONARY

A minute point followed by a round body and a rectangular main body for better penetration in cardiovascular surgery.



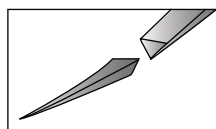
REVERSE CUTTING

A triangular body offers a third cutting edge on the outer convex curvature.



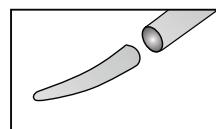
CONVENTIONAL CUTTING

A triangular body offers a third cutting edge on the inside concave curvature.



EASY PASS NEEDLE

Precision point with extra sharpening.



BLUNT NEEDLE

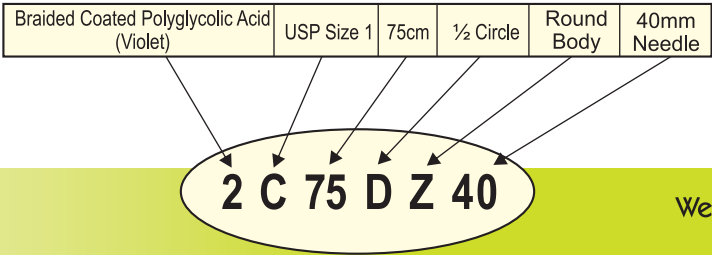
Cylindrical bodied needle with a rounded point. For soft tissue such as in liver and kidneys. Reduced risk of needle stick injuries.

SUTURE SIZE & DIAMETER



SUTURE SIZE & DIAMETER			
USP SIZE		DIAMETER LIMITS (IN MM)	METRIC SIZE
ABSORBABLE SUTURES (Catgut Chromic & Plain)	NONABSORBABLE & SYNTHETIC ABSORBABLE SUTURES		
-----	10-0	0.020 - 0.029	0.2
-----	9-0	0.030 - 0.039	0.3
-----	8-0	0.040 - 0.049	0.4
-----	7-0	0.050 - 0.069	0.5
-----	6-0	0.070 - 0.099	0.7
6-0	5-0	0.100 - 0.149	1
5-0	4-0	0.150 - 0.199	1.5
4-0	3-0	0.200 - 0.249	2
3-0	2-0	0.300 - 0.339	3
2-0	0	0.350 - 0.399	3.5
0	1	0.400 - 0.499	4
1	2	0.500 - 0.599	5
2	3 & 4	0.600 - 0.699	6
3	5	0.700 - 0.799	7

PRODUCT EXPORT CODE INFORMATION OF ORION SUTURES									
Code	PRODUCT	Code 2	USP Size	Code 3	Code 4	Needle Curvature	Code 5	Needle Type	Code 6
1	Braided & Coated Polyglycolic Acid (Undyed)	A	3	Suture Length in Centimetre(cm)	A	Straight Circle	Z	Round Body / Taper Point	Needle Length in mm
2	Braided & Coated Polyglycolic Acid (Violet)	B	2		B	1/4 Circle	Y	Cutting	
3	Monofilament Polyamide (Nylon)	C	1		C	3/8 Circle	X	Reverse Cutting	
4	Catgut Chromic	D	0		D	1/2 Circle	K	Taper Cutting	
5	Black Braided Silk	E	2-0		E	5/8 Circle	T	Trocar Point	
6	Braided Polyester	F	3-0				R	Blunt Point	
7	Catgut Plain	G	4-0				S	Spatula	
8	Monofilament Polypropylene	H	5-0						
9	Monofilament Polydioxanone	I	6-0						
10	Polyglactin 910 (Violet)	J	7-0						
11	Monofilament Poliglecaprone 25	K	8-0						
12	Braided & Coated Polyglactin 910 (Undyed)	L	9-0						
		M	10-0						



ORIGUT (Plain Catgut) is a fast absorbing surgical gut suture made from strand of collagenous material prepared from the sub mucosal layers of the small intestine of healthy sheep. Fast absorbing surgical gut sutures are sterile and elicit only a slight to minimal tissue reaction during absorption

Type	: Twisted multifilament with a monofilament appearance
Material	: None
Color	: Beige
Tissue reaction	: Moderate. Plain catgut enjoys lower tissue reaction
Absorption	: By phagocytosis. Complete mass absorption in approximately 65 days. Approximately 50% of tensile strength remains after 7 days. When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, and vagina) it is more quickly absorbed.
Tensile Strength	: Tensile strength is retained for 7 - 14 days.
USP Range	: 5/0 – 3
Sterilization	: EO (Ethylene Oxide)
Needle Type	: Round bodied, cutting edge, taper point, straight, blunt point
Packing	: In aluminium foil packages with or without needle

CHARACTERISTICS

- ☑ High tensile strength
- ☑ Absorption by phagocytosis
- ☑ Twisted structure
- ☑ Uniform diameter by centerless polishing (monofilament appearance)
- ☑ Hermetically sealed packing

BENEFITS

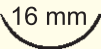



- Excellent tissue support
- Uniform absorption
- Excellent handling properties, High flexibility
High tensile strength, Excellent knot security
- Soft passage through the tissues without sawing, tissue drag and trauma.
Excellent knot tie down
- Guaranteed seal and product sterility

INDICATIONS

General soft tissue closing and/or ligation especially in General surgery, Gastrointestinal surgery, Gynaecology, Obstetrics, Urology, Ophthalmic surgery

CONTRAINDICATIONS

- Cardiovascular surgery, Neurosurgery
- Being absorbable not to use when an extended wound support is required.
- Caution in patients with delayed wound healing (e.g. compromised immune system).
- In the region of infected wounds known sensitivities or allergies to Collagen

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP			
			4-0(2)	3-0(3)	2-0(3.5)	1-0(4)
 16 mm	3/8 Circle Cutting	76 cm	OS 4270			
 22 mm	3/8 Circle Cutting	76 cm		OS 5010		
 30 mm	1/2 Round Bodied	76 cm				OS 4342
 30 mm	3/8 Circle Round Bodied	76 cm			OS 5033	

PRECUT SUTURES (NON NEEDED)

SUTURE LENGTH	PACKAGING	SUTURE SIZE IN USP	
		2-0(3.5)	1-0(4)
1 x 152 cm	Catgut plain-in sterile foil over wrap pack 152 Cms. Box of 12's pack	OS 2003	OS 2004

ORION SUTURES DOMESTIC BOX PACKING



ORION SUTURES EXPORT BOX PACKING



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