

CATALOGUE OF

Polyglycolic Acid Suture - ORYL / ORICRYL



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

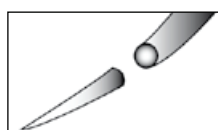
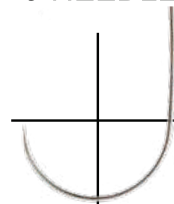
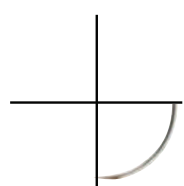
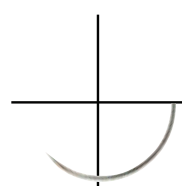
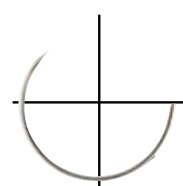
1/2 CIRCLE

3/8 CIRCLE

1/4 CIRCLE

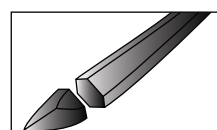
J-NEEDLE

STRAIGHT



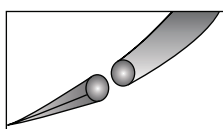
TAPER POINT

A gradual taper to a round bodied needle.



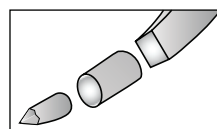
SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



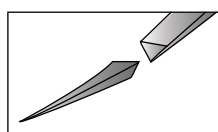
TAPERCUT POINT

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



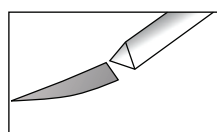
SOFT CUTTING POINT - CORONARY

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



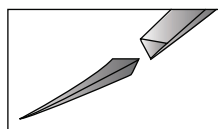
REVERSE CUTTING

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



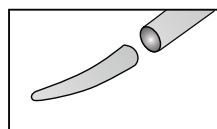
CONVENTIONAL CUTTING

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



EASY PASS NEEDLE

Precision point with extra sharpening.



BLUNT NEEDLE

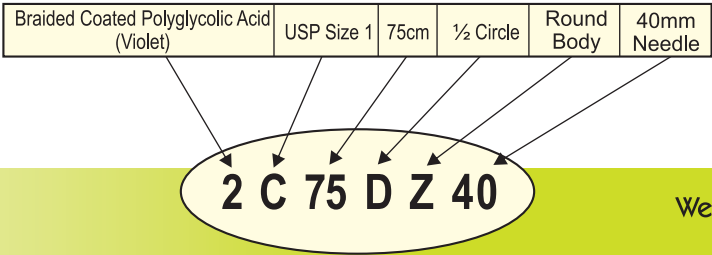
Cylindrical bodied needle with a rounded point. For soft tissue such as in liver and kidneys. Reduced risk of needle stick injuries.

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						



ORYL / ORICRYL (Polyglycolic Acid) is an ideal and time tested synthetic absorbable suture, widely used by surgeons. All over the world. PGA's superior features over catgut are predictable absorption, outstanding tensile strength, in-vivo inertness and excellent handling properties.

Type	: Braided and coated multifilament
Material	: 100% Polyglycolic acid
Color	: Violet
Tissue reaction	: Minimal
Absorption	: The hydrolytic action by which the material is broken down results in total absorption in approximately 60 to 90 days. Approximately 50% of tensile strength remains after 21 days.
Tensile Strength	: 75% tensile strength is retained for 14 days and 50% till 21 days.
USP Range	: 6/0 – 2
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
- ☒ Synthetic
- ☒ Breaks down by hydrolysis
- ☒ Braided structure
- ☒ Coated multifilament
- ☒ Hermetically sealed packing

BENEFITS

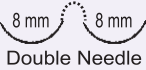


- Excellent tissue support
- Minimal tissue reaction
- Predictable absorption rate
- Excellent handling properties, High flexibility, High tensile strength, Excellent knot security
- Soft passage through the tissues with minimal sawing, tissue drag and trauma. Good knot tie down / adjustability Reduced capillary action
- Guaranteed seal and product sterility

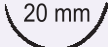
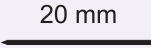
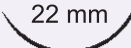
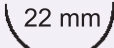


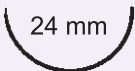
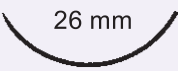
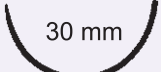

INDICATIONS








General soft tissue closing and/or ligation. Especially in
General surgery, Skin closure, Gastrointestinal surgery, Gynecology, Obstetrics
Plastic surgery, Urology, Ophthalmic surgery, Orthopedics





CONTRAINDICATIONS

- Cardiovascular surgery
- Neurosurgery
- Being absorbable not to use when an Extended wound support is required.

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP			
			6-0(0.7)	5-0(1)	4-0(1.5)	3-0(2)
 8 mm 8 mm Double Needle	1/4 circle micro point spatulated	45 cm	OS 2670			
 12 mm	3/8 Circle Reverse Cutting	45 cm		OS 2493	OS 2494	OS 2495
 16 mm	3/8 Circle Cutting Prime	45 cm		OS 2442	OS 2443	OS 2471

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP				
			4-0(1.5)	3-0(2)	2-0(3)	1-0(3.5)	1(4)
 20 mm	1/2 Circle Round Bodied	70 cm	OS 2304	OS 2437			
 20 mm	Straight Round body(SRS needle)	45 cm					OS 2545
 22 mm	3/8 Circle Cutting	45 cm		OS 2401			
 22 mm	1/2 Circle Cutting	90 cm		OS 2472			
 23 mm Heavy	1/2 Circle Reverse cutting	45 cm				OS 2826E	
 24 mm	5/8 circle reverse cutting	45 cm				OS 2510 AD	
 24 mm	1/2 Circle Reverse cutting	45 cm				OS 2510	
 26 mm	3/8 Circle Reverse Cutting	76 cm Undyed		OS 2407U			
 30 mm	1/2 Circle Round Bodied	70 cm			OS 2341	OS 2342	
		90 cm			OS 2317	OS 2338	
 30 mm Heavy	1/2 circle taper cutting	45 cm					OS 2511

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP			
			3-0(2)	2-0(3)	1-0(3.5)	1(4)
 36 mm OS	1/2 Circle Reverse cutting	90 cm			OS 2534	
 40 mm	1/2 Circle Round Bodied	70 cm			OS 2546	
		90 cm		OS 2345	OS 2346	
		115 cm			OS 2346+	
 40 mm Heavy	1/2 Circle Round Bodied	70 cm				OS 2359
		90 cm				OS 2347
		115 cm				OS 2347+
 40 mm Heavy 40 mm Heavy Double Needle	½ Circle Round Body and ½ Circle taper cutting	160 cms				OS 2160
		140 cms			OS 2346 DA	OS 2347 DA
 40 mm	1/2 Circle Reverse Cutting	45 cm		OS 2382S		
		90 cm		OS 2382		
 40 mm	1/2 Circle Taper cutting	45 cm			OS 2361	
		90 cm			OS 2518	
		115cm			OS 2518+	
 40 mm OS	1/2 Circle Reverse cutting	90 cm				OS 2421

NEEDLE LENGTH	NEEDLE DESCRIPTION	SUTURE LENGTH	SUTURE SIZE IN USP		
			2-0	1(4)	2(5)
 40 mm Heavy	1/2 Circle Taper cutting	90 cm		OS 2364	
 40 mm	1/2 Circle Reverse Cutting	90 cm	OS 2382	OS 2486	OS 2351
 45 mm Heavy	1/2 Circle Round Bodied	90 cm			OS 2228
 50 mm Heavy	1/2 Circle Round Bodied	115 cm		OS 2448+	

PRE-CUT SUTURES

SUTURE LENGTH	PACKAGING	SUTURE SIZE IN USP		
		2-0	1-0	1
1 x 150 cm	PGA in sterile foil over wrap pack 150 cms Box of 12's pack	OS 2203	OS 2204	OS 2205

ORION SUTURES DOMESTIC BOX PACKING



ORION SUTURES EXPORT BOX PACKING



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