

smi

SUTURE MATERIALS

*For quality
&
safety*

www.sutures.be

SMI: Surgical sutures of the highest quality

SMI AG was established in 1987 - the first Belgian company manufacturing surgical sutures - since then it has grown continuously. Today SMI is recognised as a world-wide supplier of quality surgical sutures and medical devices.

The company is situated in St. Vith in the East of Belgium, near the point where the borders of Belgium, Germany and Luxembourg meet.

HIGHEST QUALITY AND SAFETY

SMI complies with international quality standards such as EN ISO 13485. All raw materials and finished products are submitted to stringent quality control by a highly qualified team.

SMI is dedicated to customer satisfaction by ensuring high quality products and an excellent service based on customer focus, reliability and delivery performance.

WORLD-WIDE RECOGNITION

SMI exports to around 120 different countries all over the world. For this performance **SMI** received the "Royal Export Award 2000" from the Belgian Foreign Trade Board.

THE CATALOGUE

This catalogue contains information about the full range of **SMI** suture materials with details of all standard presentations held in stock. Special sizes of sutures can be supplied following customer's requests. We are constantly striving to increase our product range based on market developments and customer needs.

SMI offers all sizes from USP 12/0 to USP 6 which enables surgeons to operate in all surgical specializations including Cardiology and Ophthalmology.

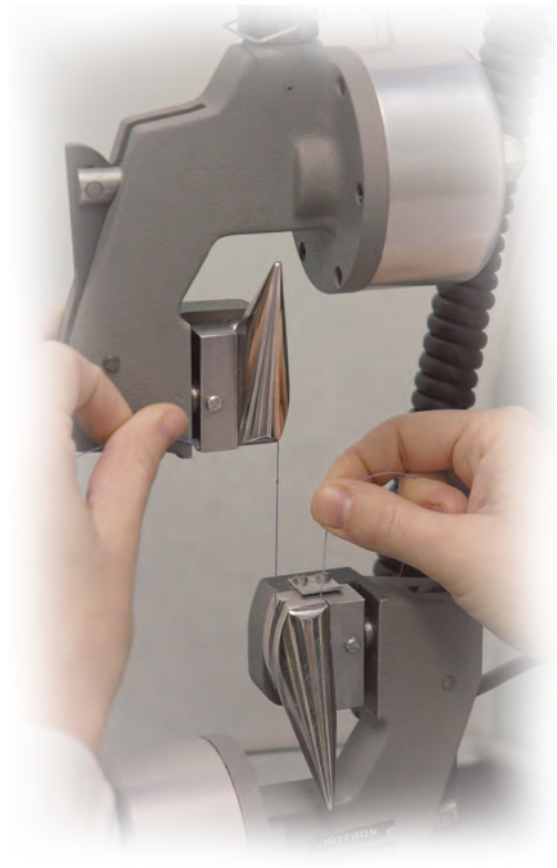
Since many years **SMI** products are recognized by top surgeons around the world.

Printed versions or locally saved copies of the product information material may not be current. Please refer to our website for current information about our products.

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.

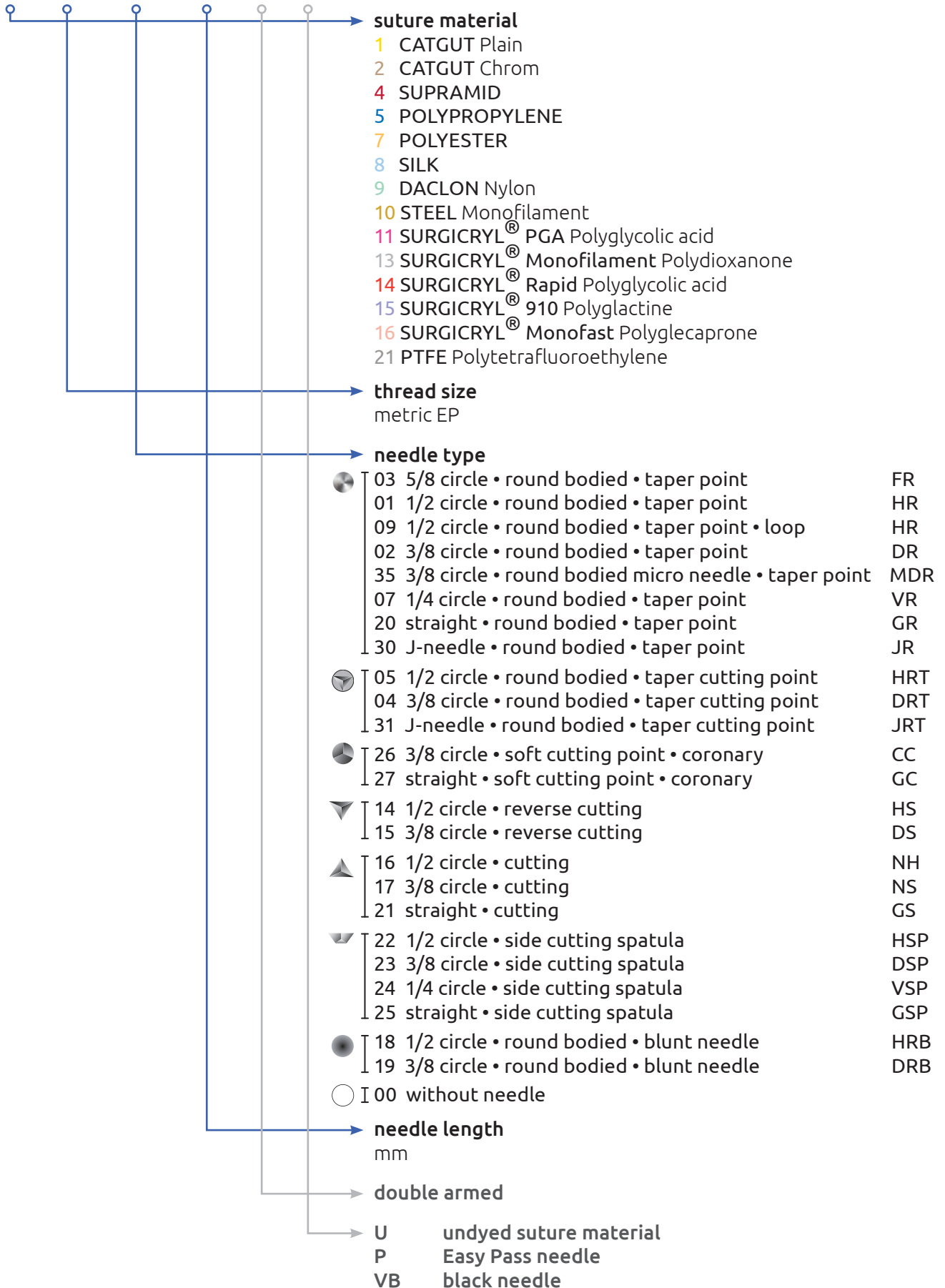
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ORDER NUMBER SPECIFICATION

1 20 01 15 2 P



SMI 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

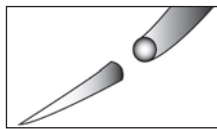
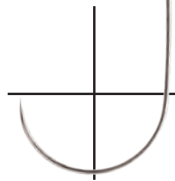
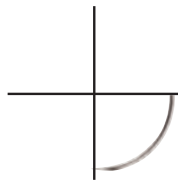
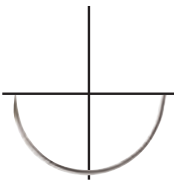
1/2 CIRCLE

3/8 CIRCLE

1/4 CIRCLE

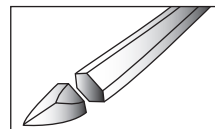
J-NEEDLE

STRAIGHT



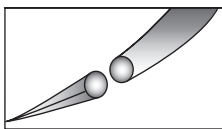
TAPER POINT

A gradual taper to a round bodied needle.



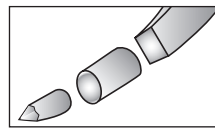
SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



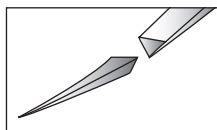
TAPER CUTTING POINT

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



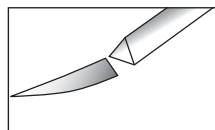
SOFT CUTTING POINT - CORONARY

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



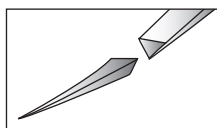
REVERSE CUTTING

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



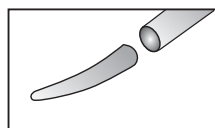
CONVENTIONAL CUTTING

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



EASY PASS NEEDLE

Precision point with extra sharpening.

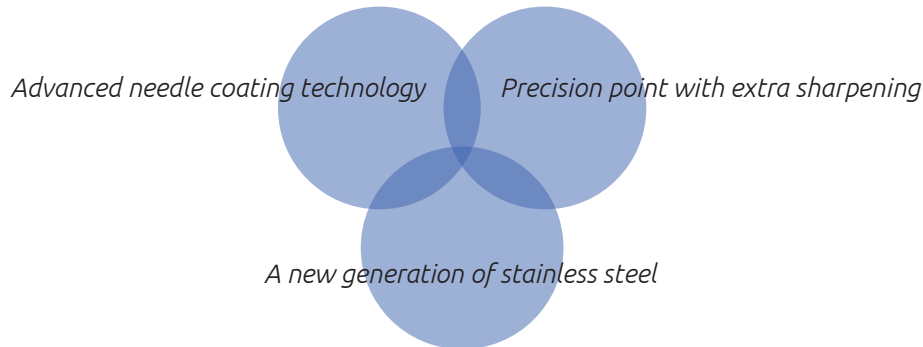


BLUNT NEEDLE

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

- ✓ *Sharp and strong*
- ✓ *Easy passing*
- ✓ *Every pass feels like the first one*

The Easy Pass needle combines 3 advanced technologies to a prime precision needle:



CHARACTERISTICS

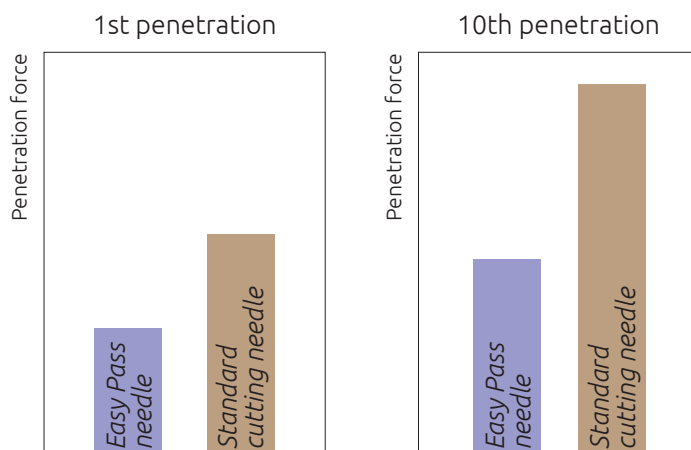
- ✓ Precision point with extra sharpening
- ✓ A new generation of stainless steel
- ✓ Advanced needle coating technology
Silicone coating covers entire surgical needle

BENEFITS

- Excellent penetration to reduce patient trauma and to maintain intimal integrity
- Optimal and predicable penetration
- Long-lasting sharpness over a multiplicity of passes
- Significantly sharper pass after pass
- Best bending and break resistance
- Optimal combination of strength and ductility
- Extremely smooth surface
- Better penetration, control and needle passage
- Maintains needle sharpness from start to finish over multiple passes

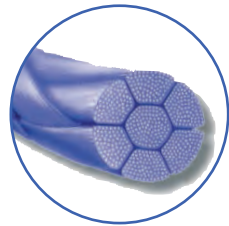
INDICATIONS Cosmetic and plastic surgery

Penetration performance improved by 40% - 50% compared to standard cutting needles.

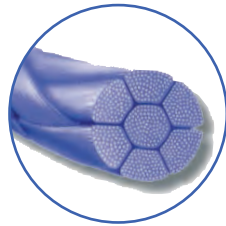


SUTURE MATERIALS

ABSORBABLE SUTURES



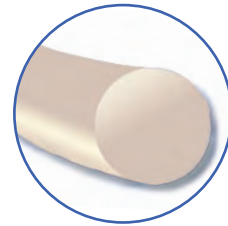
SURGICRYL[®]
910
POLYGLACTINE



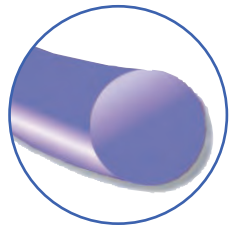
SURGICRYL[®]
PGA
POLYGLYCOLIC ACID



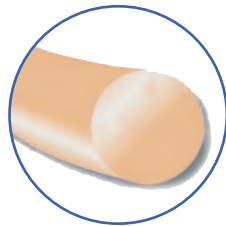
SURGICRYL[®]
RAPID
POLYGLYCOLIC ACID



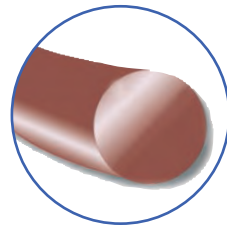
SURGICRYL[®]
MONOFAST
POLYGLYCAPRONE 25



SURGICRYL[®]
MONOFILAMENT
POLYDIOXANONE

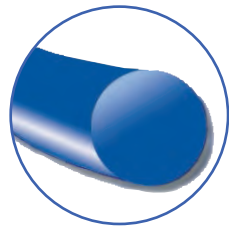


CATGUT
PLAIN



CATGUT
CHROM

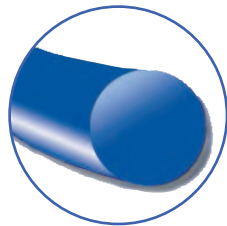
NON-ABSORBABLE SUTURES



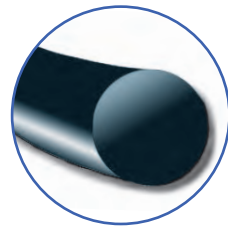
POLYPROPYLENE
BLUE



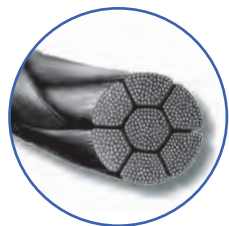
POLYESTER



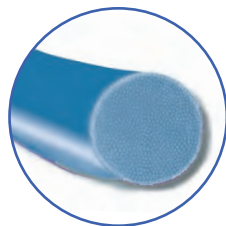
DACLON
NYLON
BLUE



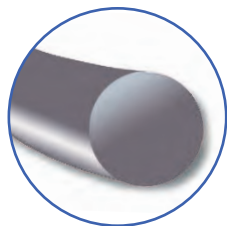
DACLON
NYLON
BLACK



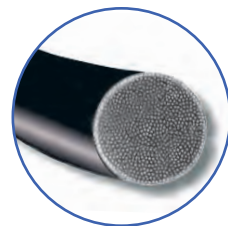
SILK
BRAIDED
BLACK



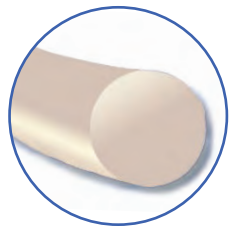
SILK
VIRGIN
BLUE



STEEL
MONOFILAMENT



SUPRAMID
BLACK



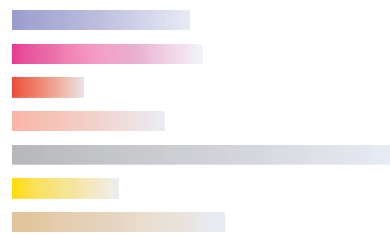
PTFE
WHITE

Sutures in foil packs

absorbable

- SURGICRYL[®] 910 Polyglactine
- SURGICRYL[®] PGA Polyglycolic acid
- SURGICRYL[®] Rapid Polyglycolic acid
- SURGICRYL[®] Monofast Polyglecaprone
- SURGICRYL[®] Monofilament Polydioxanone
- CATGUT Plain
- CATGUT Chrom

Loss of tensile strength over time:



non-absorbable

- POLYPROPYLENE
- DACLON Nylon
- PTFE Polytetrafluoroethylene
- SUPRAMID Polyamide
- SILK Braided
- POLYESTER
- STEEL Monofilament

Ophthalmic surgery

absorbable

- SURGICRYL[®] PGA Polyglycolic acid
- SURGICRYL[®] 910 Polyglactine
- SURGICRYL[®] Rapid Polyglycolic acid

non-absorbable

- SILK Braided
- DACLON Nylon
- POLYESTER
- POLYPROPYLENE

Microsurgery

absorbable

- SURGICRYL[®] 910 Polyglactine

non-absorbable

- DACLON Nylon
- POLYPROPYLENE

Speciality products

- Skin stapler & remover
- Biopsy punch
- Surgical suture rack
- Polypropylene mesh
- Skin marker
- Pilomat - tablet crusher and splitter
- Surgical blades & scalpel handles

- SMI Spon - absorbable haemostatic gelatin sponge
- SMI CEL
- Bone wax
- Cervix set
- Bühner band
- Surgical needles

Sutures in cassette packs

absorbable

- SURGICRYL[®] PGA Polyglycolic acid
- SURGICRYL[®] PGA Plus Polyglycolic acid
- SURGICRYL[®] Monofilament Polydioxanone
- SURGICRYL[®] Monofast Polyglecaprone
- CATGUT Plain
- CATGUT Chrom

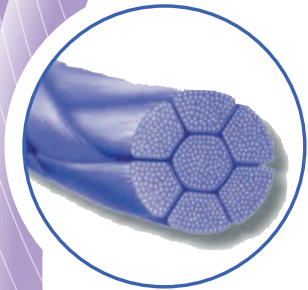
non-absorbable

- SILK Braided black
- SUPRAMID Polyamide white
- SUPRAMID Polyamide black
- LINFIL Natural
- VITAFIL Polyester white
- DERMAFIL Polyester green
- DACLON Nylon
- STEEL Monofilament

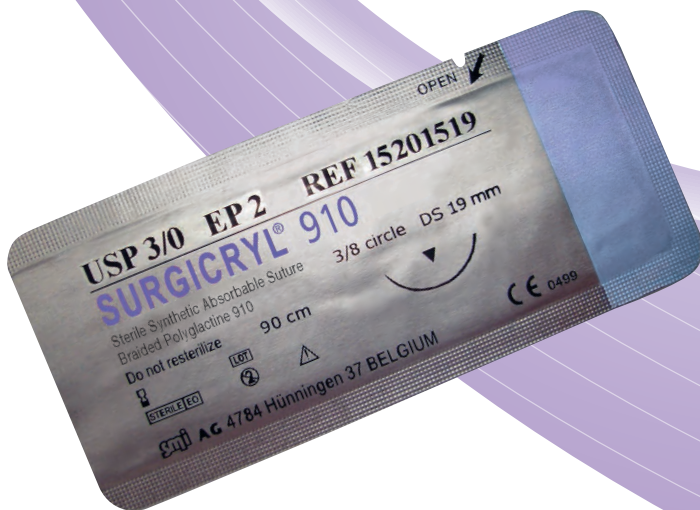
SURGICRYL[®]

910

POLYGLACTINE



Type	Braided and coated multifilament
Composition	Polyglactine 910, a copolymer made of 90% glycolide and 10% L-lactide
Coating	Poly-glycolide-co-L-lactide and calcium stearate (<1%)
Colour	Violet
Tissue reaction	Minimal
Absorption	The hydrolytic action by which the material is broken down results in total absorption between 56 and 70 days. Approximately 50% of tensile strength remain after 21 days.
Presentation	Box with 12 sutures



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SURGICRYL®

910

POLYGLACTINE

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

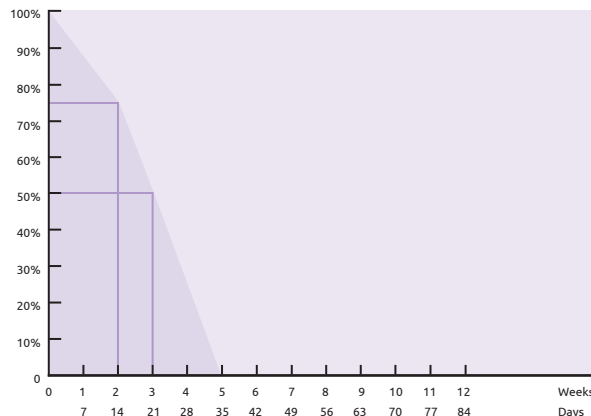
- General surgery
- Skin closure
- Gastrointestinal surgery
- Plastic surgery
- Ophthalmic surgery
- Gynaecology
- Obstetrics
- Orthopaedics
- Urology

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery

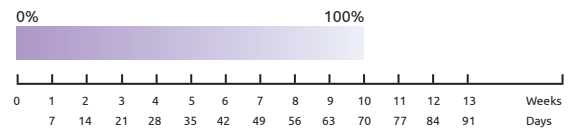
Being absorbable not to use when an extended wound support is required.

Caution in patients with delayed wound healing (e.g. compromised immune system).

TENSILE STRENGTH



ABSORPTION



○ Without needle

Metric	USP	Length		Order number
1.5	4/0	150 cm	<i>violet</i>	15150015
2	3/0	150 cm	<i>violet</i>	15200015
3	2/0	150 cm	<i>violet</i>	15300015
3.5	0	150 cm	<i>violet</i>	15350015
4	1	150 cm	<i>violet</i>	15400015
5	2	150 cm	<i>violet</i>	15500015
3	2/0	3 x 45 cm	<i>violet</i>	15300045-3
3.5	0	3 x 45 cm	<i>violet</i>	15350045-3
1.5	4/0	6 x 45 cm	<i>violet</i>	15150045-6
2	3/0	6 x 45 cm	<i>violet</i>	15200045-6
3	2/0	6 x 45 cm	<i>violet</i>	15300045-6
3.5	0	6 x 45 cm	<i>violet</i>	15350045-6
2	3/0	12 x 45 cm	<i>violet</i>	15200045
3	2/0	12 x 45 cm	<i>violet</i>	15300045
3.5	0	12 x 45 cm	<i>violet</i>	15350045
4	1	12 x 45 cm	<i>violet</i>	15400045
5	2	12 x 45 cm	<i>violet</i>	15500045
2	3/0	2 x 70 cm	<i>violet</i>	15200070-2
3	2/0	2 x 70 cm	<i>violet</i>	15300070-2
3.5	0	2 x 70 cm	<i>violet</i>	15350070-2
4	1	2 x 70 cm	<i>violet</i>	15400070-2
5	2	2 x 70 cm	<i>violet</i>	15500070-2

○ Without needle

Ligapack



Metric	USP	Length		Order number
2	3/0	250 cm	<i>violet</i>	15200025
3	2/0	250 cm	<i>violet</i>	15300025
3.5	0	250 cm	<i>violet</i>	15350025
4	1	250 cm	<i>violet</i>	15400025
5	2	250 cm	<i>violet</i>	15500025



Round bodied taper point








1/2 circle



		Metric	USP	Length	Color	Order number
HR 13 mm		0.7	6/0	75 cm	<i>violet</i>	15070113
		1	5/0	75 cm	<i>violet</i>	15100113
		1.5	4/0	75 cm	<i>violet</i>	15150113
		2	3/0	75 cm	<i>violet</i>	15200113
HR 17 mm		0.7	6/0	75 cm	<i>violet</i>	15070117
		1	5/0	75 cm	<i>violet</i>	15100117
		1.5	4/0	75 cm	<i>violet</i>	15150117
		2	3/0	75 cm	<i>violet</i>	15200117
		3	2/0	75 cm	<i>violet</i>	15300117
HR 22 mm		1.5	4/0	75 cm	<i>violet</i>	15150122
		2	3/0	75 cm	<i>violet</i>	15200122
		3	2/0	75 cm	<i>violet</i>	15300122
		4	1	75 cm	<i>violet</i>	15400122
HR 26 mm		1	5/0	75 cm	<i>violet</i>	15100126
		1.5	4/0	75 cm	<i>violet</i>	15150126
		2	3/0	75 cm	<i>violet</i>	15200126
		3	2/0	75 cm	<i>violet</i>	15300126
		3.5	0	75 cm	<i>violet</i>	15350126
		4	1	75 cm	<i>violet</i>	15400126
		5	2	75 cm	<i>violet</i>	15500126
HR 30 mm		2	3/0	75 cm	<i>violet</i>	15200130
		3	2/0	75 cm	<i>violet</i>	15300130
		3.5	0	75 cm	<i>violet</i>	15350130
		4	1	75 cm	<i>violet</i>	15400130
		5	2	90 cm	<i>violet</i>	15500130
HR 36 mm		2	3/0	75 cm	<i>violet</i>	15200136
		3	2/0	75 cm	<i>violet</i>	15300136
		3.5	0	90 cm	<i>violet</i>	15350136
		4	1	90 cm	<i>violet</i>	15400136
		5	2	90 cm	<i>violet</i>	15500136





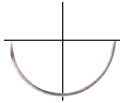


Round bodied taper point

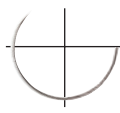


		Metric	USP	Length	Color	Order number
1/2 circle 	HR 40 mm 	2	3/0	75 cm	<i>violet</i>	15200140
		3	2/0	75 cm	<i>violet</i>	15300140
		3.5	0	75 cm	<i>violet</i>	15350140-75
		3.5	0	90 cm	<i>violet</i>	15350140
		4	1	75 cm	<i>violet</i>	15400140-75
		4	1	90 cm	<i>violet</i>	15400140
		5	2	75 cm	<i>violet</i>	15500140-75
		5	2	90 cm	<i>violet</i>	15500140
	HR 45 mm 	4	1	90 cm	<i>violet</i>	15400145
		5	2	90 cm	<i>violet</i>	15500145
	HR 48 mm 	3	2/0	90 cm	<i>violet</i>	15300148
		3.5	0	90 cm	<i>violet</i>	15350148
		4	1	90 cm	<i>violet</i>	15400148
	HR 60 mm 	4	1	75 cm	<i>violet</i>	15400160
5		2	90 cm	<i>violet</i>	15500160	
5		2	90 cm	<i>violet</i>	15500160	
HR 65 mm 	3	2/0	90 cm	<i>violet</i>	15300165	
	3.5	0	90 cm	<i>violet</i>	15350165	
HR 80 mm 	4	1	100 cm	<i>violet</i>	15400180	
	5	2	100 cm	<i>violet</i>	15500180	






















Round bodied taper point double armed





		Metric	USP	Length	Color	Order number
1/2 circle 	2 x HR 26 mm 	2	3/0	75 cm	<i>violet</i>	15200126-2
		3	2/0	75 cm	<i>violet</i>	15300126-2

















	Round bodied taper point loop	Metric	USP	Length		Order number
1/2 circle 	 HR 45 mm	3.5	0	150 cm	<i>violet</i>	15350945
	 HR 65 mm	5	2	240 cm	<i>violet</i>	15500965

	Round bodied taper point	Metric	USP	Length		Order number
5/8 circle 	 FR 26 mm	2	3/0	75 cm	<i>violet</i>	15200326
	 FR 27 mm	3	2/0	75 cm	<i>violet</i>	15300327
		3.5	0	75 cm	<i>violet</i>	15350327

	Round bodied taper point	Metric	USP	Length		Order number
3/8 circle 	 DR 13 mm	1.5	4/0	75 cm	<i>violet</i>	15150213
		1	5/0	75 cm	<i>violet</i>	15100217
	 DR 17 mm	1.5	4/0	45 cm	<i>violet</i>	15150217
		2	3/0	75 cm	<i>violet</i>	15200217
	 DR 22 mm	1.5	4/0	75 cm	<i>violet</i>	15150222
		2	3/0	75 cm	<i>violet</i>	15200222
	 DR 30 mm	4	1	75 cm	<i>violet</i>	15400230
	 DR 32 mm	3.5	0	75 cm	<i>violet</i>	15350232




 Reverse cutting		Metric	USP	Length		Order number	
	HS 12 mm 	0.7	6/0	45 cm	<i>violet</i>	15071412	
	HS 17 mm 	1	5/0	75 cm	<i>violet</i>	15101417	
		1.5	4/0	75 cm	<i>violet</i>	15151417	
	HS 22 mm 	2	3/0	75 cm	<i>violet</i>	15201422	
	HS 23 mm 	5	2	90 cm	<i>violet</i>	15501423	
	HS 26 mm 	2	3/0	75 cm	<i>violet</i>	15201426	
		3	2/0	75 cm	<i>violet</i>	15301426	
		3.5	0	75 cm	<i>violet</i>	15351426	
		4	1	75 cm	<i>violet</i>	15401426	
	HS 30 mm 	2	3/0	75 cm	<i>violet</i>	15201430	
		HS 36 mm 	3	2/0	75 cm	<i>violet</i>	15301436
			3.5	0	90 cm	<i>violet</i>	15351436
			4	1	90 cm	<i>violet</i>	15401436
	HS 40 mm 	5	2	90 cm	<i>violet</i>	15501436	
		HS 40 mm 	2	3/0	90 cm	<i>violet</i>	15201440
			3	2/0	90 cm	<i>violet</i>	15301440
			3.5	0	90 cm	<i>violet</i>	15351440
			4	1	90 cm	<i>violet</i>	15401440
	HS 48 mm 	5	2	90 cm	<i>violet</i>	15501440	
		HS 48 mm 	3.5	0	90 cm	<i>violet</i>	15351448
4			1	90 cm	<i>violet</i>	15401448	
		5	2	90 cm	<i>violet</i>	15501448	










 Reverse cutting		Metric	USP	Length		Order number
	DS 12 mm 	0.7	6/0	45 cm	<i>violet</i>	15071512
		1	5/0	45 cm	<i>violet</i>	15101512
		1.5	4/0	45 cm	<i>violet</i>	15151512
	DS 16 mm 	0.7	6/0	45 cm	<i>violet</i>	15071516
		1	5/0	75 cm	<i>violet</i>	15101516
		1.5	4/0	75 cm	<i>violet</i>	15151516
		2	3/0	45 cm	<i>violet</i>	15201516-45
		2	3/0	75 cm	<i>violet</i>	15201516




 Reverse cutting		Metric	USP	Length		Order number
	DS 16 mm Easy Pass 	2	3/0	50 cm	<i>undyed</i>	15201516UP
	DS 16 mm black 	0.7	6/0	45 cm	<i>violet</i>	15071516VB
	DS 19 mm 	1	5/0	75 cm	<i>violet</i>	15101519
		1.5	4/0	75 cm	<i>violet</i>	15151519
		2	3/0	75 cm	<i>violet</i>	15201519
		3	2/0	75 cm	<i>violet</i>	15301519
	DS 19 mm Easy Pass 	1.5	4/0	50 cm	<i>undyed</i>	15151519UP
		2	3/0	50 cm	<i>undyed</i>	15201519UP
	DS 19 mm black 	1	5/0	75 cm	<i>violet</i>	15101519VB
		1.5	4/0	75 cm	<i>violet</i>	15151519VB
	DS 24 mm 	1.5	4/0	75 cm	<i>violet</i>	15151524
		2	3/0	75 cm	<i>violet</i>	15201524
		3	2/0	75 cm	<i>violet</i>	15301524
		3.5	0	75 cm	<i>violet</i>	15351524
	DS 24 mm Easy Pass 	2	3/0	50 cm	<i>undyed</i>	15201524UP
	DS 26 mm 	2	3/0	75 cm	<i>violet</i>	15201526
		3	2/0	75 cm	<i>violet</i>	15301526
	DS 26 mm Easy Pass 	2	3/0	75 cm	<i>undyed</i>	15201526UP
		3	2/0	75 cm	<i>undyed</i>	15301526UP-75
	DS 30 mm 	2	3/0	75 cm	<i>violet</i>	15201530
		3	2/0	75 cm	<i>violet</i>	15301530
		3	2/0	90 cm	<i>violet</i>	15301530-90
		3.5	0	75 cm	<i>violet</i>	15351530
		3.5	0	90 cm	<i>violet</i>	15351530-90
		4	1	90 cm	<i>violet</i>	15401530-90
	DS 30 mm Easy Pass 	3	2/0	75 cm	<i>undyed</i>	15301530UP-75
	DS 36 mm 	3	2/0	75 cm	<i>violet</i>	15301536
		3.5	0	75 cm	<i>violet</i>	15351536
		4	1	75 cm	<i>violet</i>	15401536
	DS 36 mm Easy Pass 	2	3/0	75 cm	<i>violet</i>	15201536P
	DS 40 mm 	3.5	0	75 cm	<i>violet</i>	15351540
		4	1	75 cm	<i>violet</i>	15401540
	DS 45 mm 	3	2/0	75 cm	<i>violet</i>	15301545





3/8 circle










 Reverse cutting		Metric	USP	Length		Order number
3/8 circle 	DS 80 mm		7	5	150 cm	<i>violet</i> 15701580





 Round bodied taper cutting point		Metric	USP	Length		Order number
1/2 circle 	HRT 13 mm		1.5	4/0	75 cm	<i>violet</i> 15150513
	HRT 17 mm		1.5	4/0	75 cm	<i>violet</i> 15150517
			2	3/0	75 cm	<i>violet</i> 15200517
	HRT 26 mm		1.5	4/0	75 cm	<i>violet</i> 15150526
			2	3/0	75 cm	<i>violet</i> 15200526
	HRT 30 mm		3	2/0	75 cm	<i>violet</i> 15300526
			3	2/0	75 cm	<i>violet</i> 15300530
	HRT 36 mm		3.5	0	75 cm	<i>violet</i> 15350530
			4	1	75 cm	<i>violet</i> 15400530
	HRT 40 mm		3	2/0	90 cm	<i>violet</i> 15300536
			3.5	0	90 cm	<i>violet</i> 15350536
	HRT 48 mm		4	1	90 cm	<i>violet</i> 15400536
4			1	90 cm	<i>violet</i> 15400540	
		5	2	90 cm	<i>violet</i> 15500540	
		8	6	150 cm	<i>violet</i> 15800548	

 Round bodied taper cutting point		Metric	USP	Length		Order number
3/8 circle 	DRT 17 mm		1.5	4/0	75 cm	<i>violet</i> 15150417
			2	3/0	75 cm	<i>violet</i> 15200417

 Round bodied taper cutting point		Metric	USP	Length		Order number
3/8 circle 	DRT 13 mm		1	5/0	75 cm	<i>violet</i> 15100530-0413
	1/2 circle 					

 Cutting		Metric	USP	Length		Order number
Straight		2	3/0	75 cm	<i>violet</i>	15202160
		3	2/0	75 cm	<i>violet</i>	15302160

 Blunt		Metric	USP	Length		Order number
	HRB 36 mm 	3.5	0	90 cm	<i>violet</i>	15351836
		4	1	90 cm	<i>violet</i>	15401836
	HRB 40 mm 	3.5	0	90 cm	<i>violet</i>	15351840
		4	1	90 cm	<i>violet</i>	15401840
HRB 45 mm 	5	2	90 cm	<i>violet</i>	15501845	

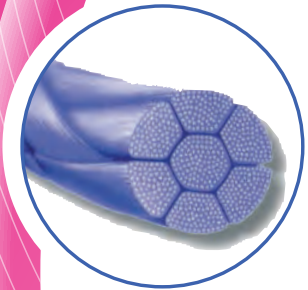
 Blunt		Metric	USP	Length		Order number
	DRB 63 mm 	4	1	100 cm	<i>violet</i>	15401963
	DRB 85 mm 	5	2	75 cm	<i>violet</i>	15501985

SURGICRYL®

PGA

POLYGLYCOLIC ACID

SURGICRYL®
PGA
POLYGLYCOLIC ACID



Type	Braided and coated multifilament
Composition	Polyglycolic acid
Coating	Polycaprolactone and calcium stearate (1%)
Colour	Violet / Beige - undyed
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 remain after 21 days.
Presentation	Box with 12 sutures



*For quality
&
safety*

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SURGICRYL[®]

PGA
POLYGLYCOLIC ACID

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

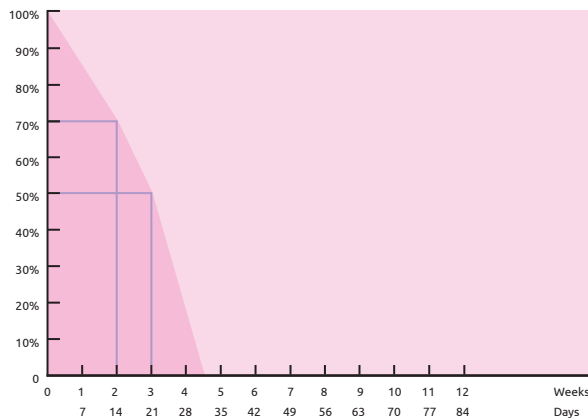
- General surgery
- Skin closure
- Gastrointestinal surgery
- Gynaecology
- Obstetrics
- Plastic surgery
- Urology
- Ophthalmic surgery
- Orthopaedics

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery

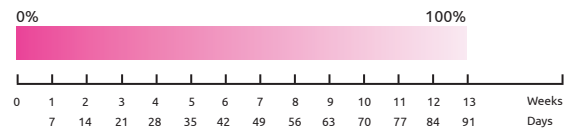
Being absorbable not to use when an extended wound support is required.

Caution in patients with delayed wound healing (e.g. compromised immune system).

TENSILE STRENGTH



ABSORPTION



○ Without needle





Metric	USP	Length		Order number
2	3/0	150 cm	<i>violet</i>	11200015
3	2/0	150 cm	<i>violet</i>	11300015
3.5	0	150 cm	<i>violet</i>	11350015
4	1	150 cm	<i>violet</i>	11400015
5	2	150 cm	<i>violet</i>	11500015
6	3&4	150 cm	<i>violet</i>	11600015
7	5	150 cm	<i>violet</i>	11700015
8	6	150 cm	<i>violet</i>	11800015
2	3/0	10 x 75 cm	<i>violet</i>	11200075-10
3	2/0	10 x 75 cm	<i>violet</i>	11300075-10
3.5	0	10 x 75 cm	<i>violet</i>	11350075-10
4	1	10 x 75 cm	<i>violet</i>	11400075-10
2	3/0	5 x 70 cm	<i>violet</i>	11200070
3	2/0	5 x 70 cm	<i>violet</i>	11300070
3.5	0	5 x 70 cm	<i>violet</i>	11350070
4	1	5 x 70 cm	<i>violet</i>	11400070
5	2	5 x 70 cm	<i>violet</i>	11500070
3	2/0	10 x 60 cm	<i>violet</i>	11300060
1.5	4/0	3 x 50 cm	<i>violet</i>	11150050
2	3/0	3 x 50 cm	<i>violet</i>	11200050
3	2/0	3 x 50 cm	<i>violet</i>	11300050
3.5	0	3 x 50 cm	<i>violet</i>	11350050
4	1	3 x 50 cm	<i>violet</i>	11400050
5	2	3 x 50 cm	<i>violet</i>	11500050
2	3/0	17 x 45 cm	<i>violet</i>	11200045-17
1.5	4/0	12 x 45 cm	<i>violet</i>	11150045
2	3/0	12 x 45 cm	<i>violet</i>	11200045
3	2/0	12 x 45 cm	<i>violet</i>	11300045
3.5	0	12 x 45 cm	<i>violet</i>	11350045
4	1	12 x 45 cm	<i>violet</i>	11400045
5	2	12 x 45 cm	<i>violet</i>	11500045

Without needle	Metric	USP	Length		Order number
	1.5	4/0	6 x 45 cm	<i>violet</i>	11150045-6
	2	3/0	6 x 45 cm	<i>violet</i>	11200045-6
	3	2/0	6 x 45 cm	<i>violet</i>	11300045-6
	3.5	0	6 x 45 cm	<i>violet</i>	11350045-6
	4	1	6 x 45 cm	<i>violet</i>	11400045-6
	5	2	6 x 45 cm	<i>violet</i>	11500045-6

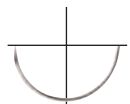
Without needle	Metric	USP	Length		Order number
	1.5	4/0	250 cm	<i>violet</i>	11150025
	2	3/0	250 cm	<i>violet</i>	11200025
	3	2/0	250 cm	<i>violet</i>	11300025
	3.5	0	250 cm	<i>violet</i>	11350025
	4	1	250 cm	<i>violet</i>	11400025
	5	2	250 cm	<i>violet</i>	11500025
	6	3&4	250 cm	<i>violet</i>	11600025


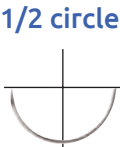





Ligapack










Round bodied taper point	Metric	USP	Length		Order number
HR 13 mm 	0.7	6/0	75 cm	<i>violet</i>	11070113
	1	5/0	75 cm	<i>violet</i>	11100113
	1.5	4/0	75 cm	<i>violet</i>	11150113
HR 17 mm 	0.7	6/0	75 cm	<i>violet</i>	11070117
	1	5/0	75 cm	<i>violet</i>	11100117
	1.5	4/0	75 cm	<i>violet</i>	11150117
	2	3/0	75 cm	<i>violet</i>	11200117
	3	2/0	75 cm	<i>violet</i>	11300117
HR 22 mm 	1.5	4/0	75 cm	<i>violet</i>	11150122
	2	3/0	75 cm	<i>violet</i>	11200122
	3	2/0	75 cm	<i>violet</i>	11300122
HR 26 mm 	1.5	4/0	75 cm	<i>violet</i>	11150126
	2	3/0	75 cm	<i>violet</i>	11200126
	2	3/0	75 cm	<i>undyed</i>	11200126U
	3	2/0	75 cm	<i>violet</i>	11300126
	3	2/0	75 cm	<i>undyed</i>	11300126U
	3.5	0	75 cm	<i>violet</i>	11350126
	4	1	75 cm	<i>violet</i>	11400126






1/2 circle










 Round bodied taper point		Metric	USP	Length	Order number
	HR 30 mm 	2	3/0	75 cm	<i>violet</i> 11200130
		3	2/0	75 cm	<i>violet</i> 11300130
		3	2/0	75 cm	<i>undyed</i> 11300130U
		3.5	0	75 cm	<i>violet</i> 11350130
		4	1	75 cm	<i>violet</i> 11400130
	HR 36 mm 	2	3/0	75 cm	<i>violet</i> 11200136
		3	2/0	75 cm	<i>violet</i> 11300136
		3.5	0	90 cm	<i>violet</i> 11350136
	HR 40 mm 	4	1	90 cm	<i>violet</i> 11400136
		3	2/0	75 cm	<i>violet</i> 11300140
		3.5	0	90 cm	<i>violet</i> 11350140
		4	1	75 cm	<i>violet</i> 11400140-75
		4	1	90 cm	<i>violet</i> 11400140
	HR 48 mm 	5	2	90 cm	<i>violet</i> 11500140
		3	2/0	75 cm	<i>violet</i> 11300148
3.5		0	90 cm	<i>violet</i> 11350148	
4		1	90 cm	<i>violet</i> 11400148	
HR 65 mm 	5	2	90 cm	<i>violet</i> 11500148	
	6	3&4	90 cm	<i>violet</i> 11600148	
	3	2/0	75 cm	<i>violet</i> 11300165	




 Round bodied taper point		Metric	USP	Length	Order number
	DR 17 mm 	1.5	4/0	75 cm	<i>violet</i> 11150217
		2	3/0	75 cm	<i>violet</i> 11200217
	DR 25 mm 	4	1	75 cm	<i>violet</i> 11400225

 Round bodied taper point		Metric	USP	Length	Order number
	FR 27 mm 	3	2/0	75 cm	<i>violet</i> 11300327

 Round bodied taper point		Metric	USP	Length		Order number
J-needle 	JR 31 mm		4	1	90 cm	<i>violet</i> 11403031
	JR 36 mm		3	2/0	75 cm	<i>violet</i> 11303036
			3.5	0	75 cm	<i>violet</i> 11353036
JR 40 mm		4	1	75 cm	<i>violet</i> 11403040	

 Round bodied taper point		Metric	USP	Length		Order number
5/8 circle 	JR 36 mm FR 27 mm		3.5	0	75 cm	<i>violet</i> 11353036-0327
J-needle 						

 Round bodied taper point loop		Metric	USP	Length		Order number
1/2 circle 	HR 50 mm		4	1	150 cm	<i>violet</i> 11400950

 Round bodied taper cutting point		Metric	USP	Length		Order number
J-needle 	JRT 31 mm		4	1	75 cm	<i>violet</i> 11403131



Round bodied taper cutting point

Metric

USP

Length

Order number

1/2 circle



HRT 26 mm		3	2/0	75 cm	<i>violet</i>	11300526
HRT 30 mm		3	2/0	75 cm	<i>violet</i>	11300530
		3.5	0	75 cm	<i>violet</i>	11350530
		4	1	75 cm	<i>violet</i>	11400530
HRT 36 mm		3	2/0	90 cm	<i>violet</i>	11300536
		3.5	0	90 cm	<i>violet</i>	11350536
		4	1	90 cm	<i>violet</i>	11400536
HRT 40 mm		3.5	0	90 cm	<i>violet</i>	11350540
		4	1	90 cm	<i>violet</i>	11400540
		5	2	90 cm	<i>violet</i>	11500540
HRT 43 mm		3.5	0	150 cm	<i>violet</i>	11350543-150
HRT 48 mm		4	1	90 cm	<i>violet</i>	11400548



Reverse cutting

Metric

USP

Length

Order number

3/8 circle



DS 10 mm		0.5	7/0	45 cm	<i>violet</i>	11051510
DS 12 mm		0.7	6/0	45 cm	<i>violet</i>	11071512
		0.7	6/0	45 cm	<i>undyed</i>	11071512U
		1	5/0	45 cm	<i>violet</i>	11101512
		1.5	4/0	75 cm	<i>violet</i>	11151512
DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>undyed</i>	11071512UP
		1	5/0	50 cm	<i>undyed</i>	11101512UP
		1.5	4/0	50 cm	<i>undyed</i>	11151512UP
DS 16 mm		0.7	6/0	75 cm	<i>violet</i>	11071516
		1	5/0	75 cm	<i>violet</i>	11101516
		1	5/0	75 cm	<i>undyed</i>	11101516U
		1.5	4/0	75 cm	<i>violet</i>	11151516
		1.5	4/0	75 cm	<i>undyed</i>	11151516U
		2	3/0	75 cm	<i>violet</i>	11201516
DS 16 mm Easy Pass		1.5	4/0	50 cm	<i>undyed</i>	11151516UP











Reverse cutting



		Metric	USP	Length		Order number
DS 19 mm		1	5/0	75 cm	<i>violet</i>	11101519
		1.5	4/0	75 cm	<i>violet</i>	11151519
		1.5	4/0	90 cm	<i>violet</i>	11151519-90
		1.5	4/0	75 cm	<i>undyed</i>	11151519U
		2	3/0	75 cm	<i>violet</i>	11201519
		2	3/0	90 cm	<i>violet</i>	11201519-90
		2	3/0	75 cm	<i>undyed</i>	11201519U
		3	2/0	75 cm	<i>violet</i>	11301519
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>undyed</i>	11151519UP
		2	3/0	50 cm	<i>undyed</i>	11201519UP
DS 24 mm		2	3/0	75 cm	<i>violet</i>	11201524
		2	3/0	75 cm	<i>undyed</i>	11201524U
		3	2/0	75 cm	<i>violet</i>	11301524
		3	2/0	75 cm	<i>undyed</i>	11301524U
		3.5	0	75 cm	<i>violet</i>	11351524
DS 24 mm Easy Pass		2	3/0	50 cm	<i>undyed</i>	11201524UP
		3	2/0	50 cm	<i>undyed</i>	11301524UP
DS 26 mm		3	2/0	100 cm	<i>violet</i>	11301526-100
DS 30 mm		1.5	4/0	75 cm	<i>violet</i>	11151530
		2	3/0	75 cm	<i>violet</i>	11201530
		3	2/0	75 cm	<i>violet</i>	11301530
		3	2/0	75 cm	<i>undyed</i>	11301530U
		3.5	0	75 cm	<i>violet</i>	11351530
		4	1	75 cm	<i>violet</i>	11401530
		5	2	75 cm	<i>violet</i>	11501530
DS 36 mm		3	2/0	75 cm	<i>violet</i>	11301536
		3.5	0	75 cm	<i>violet</i>	11351536
		4	1	75 cm	<i>violet</i>	11401536
DS 40 mm		5	2	75 cm	<i>violet</i>	11501536
		3	2/0	75 cm	<i>violet</i>	11301540
		3.5	0	75 cm	<i>violet</i>	11351540
		4	1	75 cm	<i>violet</i>	11401540
		5	2	75 cm	<i>violet</i>	11501540

3/8 circle



Reverse cutting		Metric	USP	Length	Order number		
1/2 circle 	HS 22 mm		2	3/0	75 cm	<i>violet</i>	11201422
			2	3/0	75 cm	<i>undyed</i>	11201422U
			3	2/0	75 cm	<i>violet</i>	11301422
	HS 26 mm		1.5	4/0	75 cm	<i>violet</i>	11151426
			2	3/0	75 cm	<i>violet</i>	11201426
			3	2/0	75 cm	<i>violet</i>	11301426
	HS 30 mm		3.5	0	75 cm	<i>violet</i>	11351426
			2	3/0	75 cm	<i>violet</i>	11201430
			3	2/0	75 cm	<i>violet</i>	11301430
	HS 36 mm		5	2	90 cm	<i>violet</i>	11501430
			3	2/0	90 cm	<i>violet</i>	11301436
			3.5	0	90 cm	<i>violet</i>	11351436
	HS 40 mm		4	1	90 cm	<i>violet</i>	11401436
			5	2	90 cm	<i>violet</i>	11501436
			3	2/0	90 cm	<i>violet</i>	11301440
		3.5	0	90 cm	<i>violet</i>	11351440	
		4	1	90 cm	<i>violet</i>	11401440	
		5	2	90 cm	<i>violet</i>	11501440	

Reverse cutting		Metric	USP	Length	Order number		
1/2 circle 	HS 48 mm		3.5	0	90 cm	<i>violet</i>	11351448
			4	1	90 cm	<i>violet</i>	11401448
			5	2	90 cm	<i>violet</i>	11501448
			6	3&4	90 cm	<i>violet</i>	11601448

Cutting		Metric	USP	Length	Order number		
Straight 	GS 60 mm		2	3/0	75 cm	<i>violet</i>	11202160
			2	3/0	75 cm	<i>undyed</i>	11202160U
			3	2/0	75 cm	<i>violet</i>	11302160

SURGICRYL[®]

RAPID

POLYGLYCOLIC ACID



Type	Braided and coated multifilament
Composition	Polyglycolic acid
Coating	Polycaprolactone and calcium stearate (1%)
Colour	Beige - undyed / Violet
Tissue reaction	Minimal
Absorption	The hydrolytic action by which the material is broken down results in total absorption in approximately 42 days. Approximately 50% of tensile strength remain after 7 days.
Presentation	Box with 12 sutures



*For quality
&
safety*

smi

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SURGICRYL[®]

RAPID

POLYGLYCOLIC ACID

CHARACTERISTICS

- High initial tensile strength
- Synthetic
- Breaks down by hydrolysis
- Braided structure

- Coated multifilament

- Hermetically sealed packing

BENEFITS

- Excellent tissue support
- Minimal tissue reaction
- Predictable absorption rate, quick mass absorption
- 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 Superficial soft tissue closing of skin and mucosa only

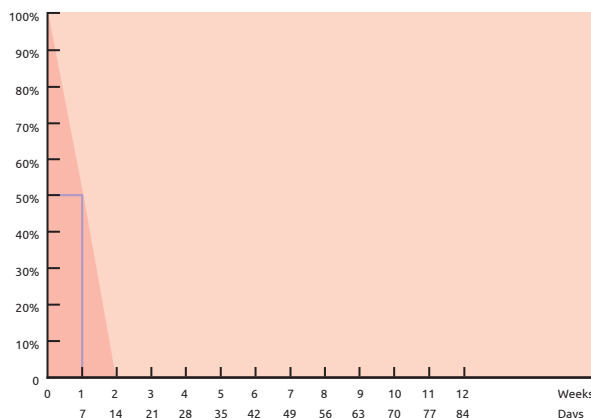
especially in Plastic surgery
Obstetrics (Episiotomy repair)
Gynaecology
Urology (Circumcision)
Ophthalmic surgery (Conjunctiva)
Pediatric surgery

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Ligation

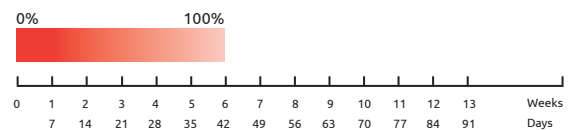
When wound support for more than 7 days is required.


Caution in patients with delayed wound healing (e.g. compromised immune system).













TENSILE STRENGTH

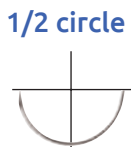





ABSORPTION
















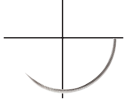












 Without needle	Metric	USP	Length		Order number
	2	3/0	150 cm	<i>undyed</i>	14200015
	3	2/0	150 cm	<i>undyed</i>	14300015
	3.5	0	150 cm	<i>undyed</i>	14350015
	4	1	150 cm	<i>undyed</i>	14400015
	5	2	150 cm	<i>undyed</i>	14500015





 Round bodied taper point	Metric	USP	Length		Order number
HR 13 mm 	0.7	6/0	45 cm	<i>undyed</i>	14070113
	1	5/0	75 cm	<i>undyed</i>	14100113
HR 17 mm 	1	5/0	75 cm	<i>undyed</i>	14100117
	1.5	4/0	75 cm	<i>undyed</i>	14150117
HR 22 mm 	2	3/0	75 cm	<i>undyed</i>	14200117
	1.5	4/0	75 cm	<i>undyed</i>	14150122
HR 22 mm 	2	3/0	75 cm	<i>undyed</i>	14200122
	3	2/0	75 cm	<i>undyed</i>	14300122
HR 26 mm 	2	3/0	75 cm	<i>undyed</i>	14200126
	3	2/0	75 cm	<i>undyed</i>	14300126
HR 26 mm 	3.5	0	75 cm	<i>undyed</i>	14350126
	2	3/0	75 cm	<i>undyed</i>	14200130
HR 30 mm 	3	2/0	75 cm	<i>undyed</i>	14300130
	3.5	0	75 cm	<i>undyed</i>	14350130
HR 36 mm 	3	2/0	75 cm	<i>undyed</i>	14300136
	3.5	0	90 cm	<i>undyed</i>	14350136
HR 36 mm 	4	1	90 cm	<i>undyed</i>	14400136
	3	2/0	75 cm	<i>undyed</i>	14300140
HR 40 mm 	3.5	0	90 cm	<i>undyed</i>	14350140
	4	1	90 cm	<i>undyed</i>	14400140
	5	2	90 cm	<i>undyed</i>	14500140
HR 48 mm 	3	2/0	75 cm	<i>undyed</i>	14300148
	3.5	0	90 cm	<i>undyed</i>	14350148
	4	1	90 cm	<i>undyed</i>	14400148
	5	2	90 cm	<i>undyed</i>	14500148







 Round bodied taper point	Metric	USP	Length	Order number			
3/8 circle 	DR 13 mm		0.7	6/0	45 cm	<i>undyed</i>	14070213



Round bodied taper point 	Metric	USP	Length	Order number			
5/8 circle 	FR 17 mm		1.5	4/0	75 cm	<i>undyed</i>	14150317

 Reverse cutting	Metric	USP	Length	Order number			
DS 12 mm		0.7	6/0	75 cm	<i>undyed</i>	14071512	
		1	5/0	75 cm	<i>undyed</i>	14101512	
		1.5	4/0	75 cm	<i>undyed</i>	14151512	
DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>undyed</i>	14071512P	
		1	5/0	50 cm	<i>undyed</i>	14101512P	
		1.5	4/0	50 cm	<i>undyed</i>	14151512P	
DS 16 mm		1	5/0	75 cm	<i>undyed</i>	14101516	
		1.5	4/0	75 cm	<i>undyed</i>	14151516	
		2	3/0	45 cm	<i>undyed</i>	14201516	
3/8 circle 	DS 16 mm black 	1	5/0	75 cm	<i>undyed</i>	14101516VB	
	DS 19 mm		1	5/0	75 cm	<i>undyed</i>	14101519
			1.5	4/0	75 cm	<i>undyed</i>	14151519
		2	3/0	75 cm	<i>undyed</i>	14201519	
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>undyed</i>	14151519P	
		2	3/0	50 cm	<i>undyed</i>	14201519P	
	DS 19 mm black 	1.5	4/0	75 cm	<i>undyed</i>	14151519VB	
DS 19 mm black		2	3/0	75 cm	<i>undyed</i>	14201519VB	
	DS 24 mm		1.5	4/0	75 cm	<i>undyed</i>	14151524
			2	3/0	75 cm	<i>undyed</i>	14201524
		3	2/0	75 cm	<i>undyed</i>	14301524	
DS 24 mm Easy Pass		3	2/0	50 cm	<i>undyed</i>	14301524P	

Reverse cutting		Metric	USP	Length	Order number		
3/8 circle 	DS 26 mm		2	3/0	75 cm	<i>undyed</i> 14201526	
			3	2/0	75 cm	<i>undyed</i> 14301526	
			3.5	0	75 cm	<i>undyed</i> 14351526	
	DS 30 mm		3.5	0	90 cm	<i>undyed</i> 14351530	
		DS 36 mm		3	2/0	75 cm	<i>undyed</i> 14301536
				3.5	0	75 cm	<i>undyed</i> 14351536

Reverse cutting		Metric	USP	Length	Order number			
1/2 circle 	HS 17 mm		1.5	4/0	45 cm	<i>undyed</i> 14151417		
			2	3/0	45 cm	<i>undyed</i> 14201417		
	HS 36 mm		3	2/0	75 cm	<i>undyed</i> 14301436		
			3.5	0	75 cm	<i>undyed</i> 14351436		
			HS 40 mm		4	1	90 cm	<i>undyed</i> 14401440
					5	2	90 cm	<i>undyed</i> 14501440

Cutting		Metric	USP	Length	Order number
Straight	GS 60 mm	2	3/0	75 cm	<i>undyed</i> 14202160

Reverse cutting		Episio Set			Order number
Round bodied taper cutting point					
3/8 circle 	DS 26 mm HRT 40 mm		1 x USP 2/0 – DS 26 mm – 75 cm		<i>undyed</i> S-1430-1435
			2 x USP 0 – HRT 40 mm – 90 cm		
1/2 circle					



Round bodied taper cutting point

Metric

USP

Length

Order number

1/2 circle



HRT 17 mm



2

3/0

75 cm

undyed

14200517

HRT 26 mm



2

3/0

75 cm

undyed

14200526

3

2/0

75 cm

undyed

14300526

HRT 36 mm



3

2/0

90 cm

undyed

14300536

3.5

0

90 cm

undyed

14350536

4

1

90 cm

undyed

14400536

HRT 40 mm



3

2/0

90 cm

undyed

14300540

4

1

90 cm

undyed

14400540

HRT 48 mm



3.5

0

90 cm

undyed

14350548

4

1

90 cm

undyed

14400548



Round bodied taper cutting point

Metric

USP

Length

Order number

3/8 circle



DRT 16 mm



1

5/0

75 cm

undyed

14100416

1.5

4/0

75 cm

undyed

14150416

2

3/0

75 cm

undyed

14200416

DRT 19 mm



1.5

4/0

75 cm

undyed

14150419

2

3/0

75 cm

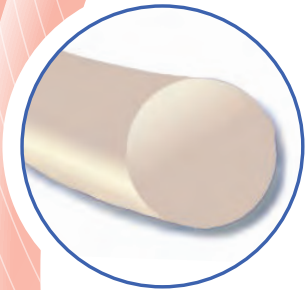
undyed

14200419

SURGICRYL[®]

MONOFAST

POLYGLYCAPRONE 25



Type	Monofilament
Composition	Polyglycaprone 25, a copolymer made of 75% glycolide and 25% ε-caprolactone
Coating	None
Colour	Violet / Beige - undyed
Tissue reaction	Minimal
Absorption	The hydrolytic action by which the material is broken down results in total absorption in approximately 90 to 110 days. Approximately 75% of tensile strength remain after 7 days.
Presentation	Box with 12 sutures



*For quality
&
safety*

The logo for smi, consisting of the lowercase letters "smi" in a bold, blue, sans-serif font with a white outline.

www.sutures.be

SURGICRYL[®]

MONOFAST

POLYGLECAPRONE 25

CHARACTERISTICS

- High tensile strength
- Synthetic
- Breaks down by hydrolysis
- Monofilament with microscopic uniform diameter

- Pliability and softness

- Hermetically sealed packing

BENEFITS

- Excellent tissue support
- Minimal tissue reaction
- Predictable absorption rate
- Soft passage through the tissues without sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down

- Good handling properties
- Easy and secure knotting

- Guaranteed seal and product sterility

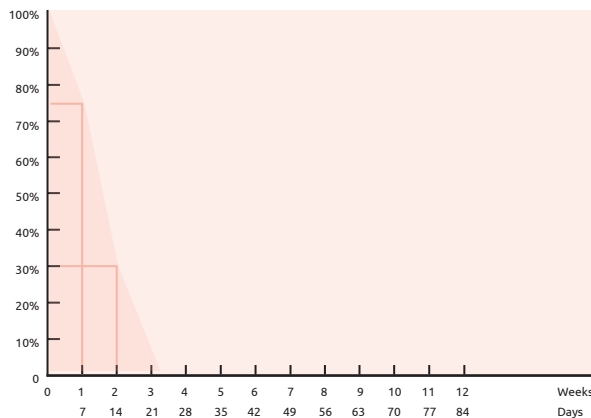
INDICATIONS Superficial soft tissue and/or ligation
 especially in General surgery
 Skin closure
 Plastic surgery
 Gastrointestinal surgery
 Gynaecology
 Urology

CONTRAINDICATIONS Cardiovascular surgery
 Neurosurgery
 Ophthalmic surgery

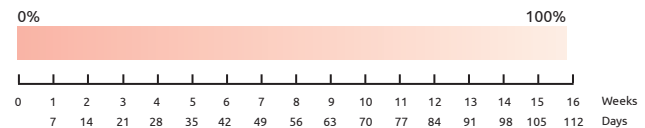
Being absorbable not to use when an extended wound support is required.


Caution in patients with delayed wound healing (e.g. compromised immune system).



TENSILE STRENGTH
















ABSORPTION




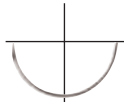


 Without needle	Metric	USP	Length		Order number
	3	2/0	150 cm	<i>violet</i>	16300015
	3.5	0	150 cm	<i>violet</i>	16350015
	4	1	150 cm	<i>violet</i>	16400015
	5	2	120 cm	<i>violet</i>	16500012
	5	2	150 cm	<i>violet</i>	16500015










 Without needle	Metric	USP	Length		Order number
Ligapack					
	5	2	250 cm	<i>violet</i>	16500025










 Round bodied taper point	Metric	USP	Length		Order number
HR 13 mm 	0.7	6/0	45 cm	<i>violet</i>	16070113
	1	5/0	45 cm	<i>violet</i>	16100113
HR 17 mm 	1.5	4/0	75 cm	<i>violet</i>	16150113
	1	5/0	45 cm	<i>violet</i>	16100117
HR 17 mm 	1.5	4/0	75 cm	<i>violet</i>	16150117
	2	3/0	75 cm	<i>violet</i>	16200117
HR 22 mm 	1.5	4/0	75 cm	<i>violet</i>	16150122
	2	3/0	75 cm	<i>violet</i>	16200122
HR 22 mm 	3	2/0	75 cm	<i>violet</i>	16300122
	1.5	4/0	75 cm	<i>violet</i>	16150126
HR 26 mm 	2	3/0	75 cm	<i>violet</i>	16200126
	3	2/0	75 cm	<i>violet</i>	16300126
HR 26 mm 	3.5	0	75 cm	<i>violet</i>	16350126
	2	3/0	75 cm	<i>violet</i>	16200130
HR 30 mm 	3	2/0	75 cm	<i>violet</i>	16300130
	3.5	0	75 cm	<i>violet</i>	16350130
HR 30 mm 	4	1	75 cm	<i>violet</i>	16400130
	3	2/0	75 cm	<i>violet</i>	16300136
HR 36 mm 	3.5	0	90 cm	<i>violet</i>	16350136
	4	1	90 cm	<i>violet</i>	16400136
HR 40 mm 	3	2/0	75 cm	<i>violet</i>	16300140
	3.5	0	90 cm	<i>violet</i>	16350140
HR 40 mm 	4	1	90 cm	<i>violet</i>	16400140





1/2 circle







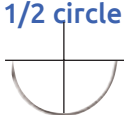

 Round bodied taper point		Metric	USP	Length		Order number
1/2 circle 	HR 48 mm 	3.5	0	90 cm	<i>violet</i>	16350148
		4	1	90 cm	<i>violet</i>	16400148
		5	2	90 cm	<i>violet</i>	16500148
	HR 65 mm 	3	2/0	90 cm	<i>violet</i>	16300165





 Reverse cutting		Metric	USP	Length		Order number
3/8 circle 	DS 12 mm 	0.7	6/0	45 cm	<i>undyed</i>	16071512
		0.7	6/0	75 cm	<i>undyed</i>	16071512-75
		0.7	6/0	75 cm	<i>violet</i>	16071512V
		1	5/0	45 cm	<i>undyed</i>	16101512
		1	5/0	45 cm	<i>violet</i>	16101512V
		1.5	4/0	45 cm	<i>undyed</i>	16151512
	DS 12 mm Easy Pass 	0.7	6/0	50 cm	<i>undyed</i>	16071512P
		1	5/0	50 cm	<i>undyed</i>	16101512P
		1.5	4/0	50 cm	<i>undyed</i>	16151512P
	DS 16 mm 	1	5/0	75 cm	<i>undyed</i>	16101516
		1	5/0	75 cm	<i>violet</i>	16101516V
		1.5	4/0	75 cm	<i>undyed</i>	16151516
		1.5	4/0	75 cm	<i>violet</i>	16151516V
		2	3/0	75 cm	<i>undyed</i>	16201516
	DS 16 mm Easy Pass 	1	5/0	50 cm	<i>undyed</i>	16101516P
		1.5	4/0	50 cm	<i>undyed</i>	16151516P
	DS 16 mm black 	1	5/0	75 cm	<i>violet</i>	16101516VB
	DS 19 mm 	1	5/0	45 cm	<i>undyed</i>	16101519
		1	5/0	75 cm	<i>violet</i>	16101519V
		1.5	4/0	75 cm	<i>undyed</i>	16151519
1.5		4/0	75 cm	<i>violet</i>	16151519V	
2		3/0	75 cm	<i>undyed</i>	16201519	
2		3/0	75 cm	<i>violet</i>	16201519V	
3		2/0	75 cm	<i>undyed</i>	16301519	
DS 19 mm Easy Pass 	1.5	4/0	50 cm	<i>undyed</i>	16151519P	
	2	3/0	50 cm	<i>undyed</i>	16201519P	

 Reverse cutting		Metric	USP	Length		Order number
	DS 19 mm black 	1	5/0	75 cm	<i>violet</i>	16101519VB
		1.5	4/0	75 cm	<i>violet</i>	16151519VB
	DS 24 mm 	2	3/0	75 cm	<i>undyed</i>	16201524
		3	2/0	75 cm	<i>undyed</i>	16301524
	DS 24 mm Easy Pass 	2	3/0	75 cm	<i>undyed</i>	16201524P-75
		3	2/0	75 cm	<i>undyed</i>	16301524P-75
	DS 26 mm 	1.5	4/0	75 cm	<i>undyed</i>	16151526
		2	3/0	75 cm	<i>undyed</i>	16201526
		2	3/0	75 cm	<i>violet</i>	16201526V
		3	2/0	75 cm	<i>undyed</i>	16301526
		3	2/0	75 cm	<i>violet</i>	16301526V
	DS 26 mm Easy Pass 	3	2/0	75 cm	<i>undyed</i>	16301526P-75
	DS 30 mm 	3	2/0	75 cm	<i>undyed</i>	16301530
		3.5	0	75 cm	<i>violet</i>	16351530V
DS 40 mm 	3.5	0	75 cm	<i>undyed</i>	16351540	
	4	1	90 cm	<i>undyed</i>	16401540	

 Reverse cutting		Metric	USP	Length		Order number
	HS 36 mm 	3	2/0	75 cm	<i>undyed</i>	16301436
		3	2/0	75 cm	<i>undyed</i>	16301436V
		3.5	0	75 cm	<i>undyed</i>	16351436
	HS 40 mm 	4	1	90 cm	<i>undyed</i>	16401440

 Cutting		Metric	USP	Length		Order number
	GS 60 mm 	2	3/0	75 cm	<i>undyed</i>	16202160
		3	2/0	75 cm	<i>undyed</i>	16302160

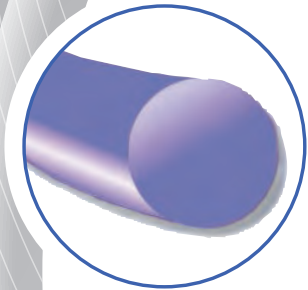
 Round bodied taper cutting point		Metric	USP	Length		Order number
	HRT 40 mm 	3.5	0	90 cm	<i>undyed</i>	16350540

 Blunt		Metric	USP	Length		Order number
1/2 circle 	HRB 40 mm		3.5	0	90 cm	<i>violet</i> 16351840
	HRB 48 mm		4	1	90 cm	<i>violet</i> 16401848

SURGICRYL[®]

MONOFILAMENT

POLYDIOXANONE



Type	Monofilament
Composition	Polydioxanone, a polymer made from polyester poly (p-dioxanone)
Coating	None
Colour	Violet
Tissue reaction	Minimal
Absorption	The hydrolytic action by which the material is broken down results in total absorption in approximately 180 to 210 days. Approximately 50% of tensile strength remain after 42 days.
Presentation	Box with 12 sutures



*For quality
&
safety*



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SURGICRYL[®]

MONOFILAMENT

POLYDIOXANONE

CHARACTERISTICS

- High and long-lasting tensile strength
- Synthetic
- Breaks down by hydrolysis
- Monofilament with microscopic uniform diameter
- Pliability and softness
- Hermetically sealed packing

BENEFITS

- Outstanding strength retention for extended wound support
- Minimal tissue reaction
- Predictable absorption rate
- Soft passage through the tissues without sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down
- Good handling properties
- Easy and secure knotting
- Guaranteed seal and product sterility

INDICATIONS General soft tissue closing especially in

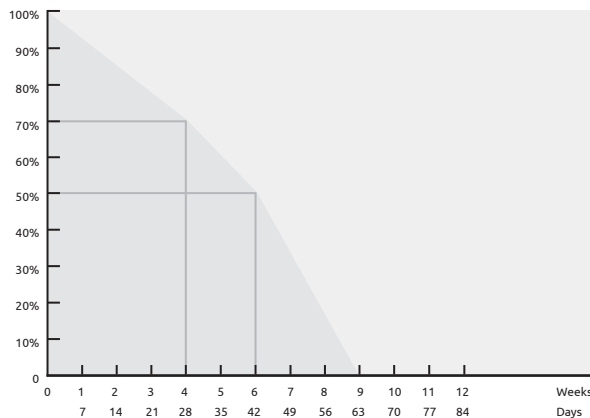
- General surgery
- Gastrointestinal surgery
- Ophthalmic surgery
- Orthopaedics
- Abdominal wall closure
- Gynaecology
- Plastic surgery
- Urology

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Prosthetic devices

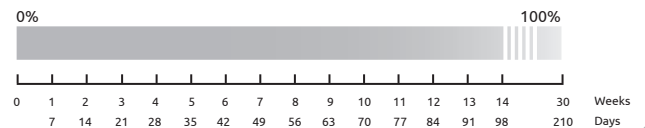
Being absorbable not to use when wound support for more than 6 weeks is required.

Caution in patients with delayed wound healing (e.g. compromised immune system).



TENSILE STRENGTH













ABSORPTION

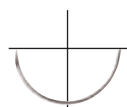






 Without needle	Metric	USP	Length	Order number
	5	2	150 cm	<i>violet</i> 13500015






 Without needle	Metric	USP	Length	Order number
Ligapack 	2	3/0	250 cm	<i>violet</i> 13200025

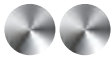





 Round bodied taper point	Metric	USP	Length	Order number
HR 9 mm 	0.7	6/0	75 cm	<i>violet</i> 13070109
	0.5	7/0	45 cm	<i>violet</i> 13050113
HR 13 mm 	0.7	6/0	75 cm	<i>violet</i> 13070113
	1	5/0	75 cm	<i>violet</i> 13100113
	1.5	4/0	75 cm	<i>violet</i> 13150113
	2	3/0	75 cm	<i>violet</i> 13200113
HR 17 mm 	0.7	6/0	75 cm	<i>violet</i> 13070117
	1	5/0	75 cm	<i>violet</i> 13100117
	1.5	4/0	75 cm	<i>violet</i> 13150117
HR 22 mm 	2	3/0	75 cm	<i>violet</i> 13200122
	1.5	4/0	75 cm	<i>violet</i> 13150122
HR 26 mm 	2	3/0	75 cm	<i>violet</i> 13200126
	3	2/0	75 cm	<i>violet</i> 13300126
	3.5	0	75 cm	<i>violet</i> 13350126
HR 30 mm 	2	3/0	75 cm	<i>violet</i> 13200130
	3	2/0	75 cm	<i>violet</i> 13300130
HR 36 mm 	3.5	0	90 cm	<i>violet</i> 13350136
	4	1	90 cm	<i>violet</i> 13400136
HR 40 mm 	3	2/0	75 cm	<i>violet</i> 13300140
	3.5	0	90 cm	<i>violet</i> 13350140
	4	1	90 cm	<i>violet</i> 13400140
HR 48 mm 	5	2	90 cm	<i>violet</i> 13500140
	3.5	0	90 cm	<i>violet</i> 13350148
	4	1	90 cm	<i>violet</i> 13400148
	5	2	90 cm	<i>violet</i> 13500148





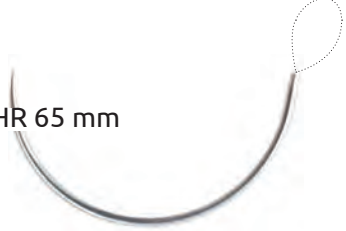
1/2 circle














 Round bodied taper point			Metric	USP	Length		Order number
3/8 circle 	DR 13 mm		1	5/0	75 cm	<i>violet</i>	13100213
			1.5	4/0	75 cm	<i>violet</i>	13150213
	DR 17 mm		1	5/0	75 cm	<i>violet</i>	13100217
			1.5	4/0	75 cm	<i>violet</i>	13150217



 Round bodied taper point double armed			Metric	USP	Length		Order number
1/2 circle 	2 x HR 13 mm		0.7	6/0	75 cm	<i>violet</i>	13070113-2
			1	5/0	75 cm	<i>violet</i>	13100113-2
	2 x HR 17 mm		1	5/0	90 cm	<i>violet</i>	13100117-2
			1.5	4/0	75 cm	<i>violet</i>	13150117-2
			2	3/0	75 cm	<i>violet</i>	13200117-2
	2 x HR 26 mm		2	3/0	90 cm	<i>violet</i>	13200126-2



 Round bodied taper point double armed			Metric	USP	Length		Order number
3/8 circle 	2 x DR 9 mm		0.7	6/0	75 cm	<i>violet</i>	13070209-2
	2 x DR 10 mm		0.5	7/0	75 cm	<i>violet</i>	13050210-2
	2 x DR 13 mm		0.5	7/0	75 cm	<i>violet</i>	13050213-2
			0.7	6/0	75 cm	<i>violet</i>	13070213-2
			1	5/0	90 cm	<i>violet</i>	13100213-2
	2 x DR 17 mm		0.5	7/0	75 cm	<i>violet</i>	13050217-2
			1.5	4/0	90 cm	<i>violet</i>	13150217-2



 Round bodied taper point loop	Metric	USP	Length	Order number	
1/2 circle 	 HR 40 mm	3.5	0	150 cm	<i>violet</i> 13350940
		4	1	150 cm	<i>violet</i> 13400940
	 HR 50 mm	3.5	0	150 cm	<i>violet</i> 13350950
		4	1	150 cm	<i>violet</i> 13400950
		5	2	150 cm	<i>violet</i> 13500950
	 HR 65 mm	4	1	150 cm	<i>violet</i> 13400965

 Reverse cutting	Metric	USP	Length	Order number	
3/8 circle 	 DS 12 mm	0.7	6/0	45 cm	<i>violet</i> 13071512
		1	5/0	45 cm	<i>violet</i> 13101512
		1.5	4/0	75 cm	<i>violet</i> 13151512
	 DS 16 mm	0.7	6/0	45 cm	<i>violet</i> 13071516
		1	5/0	75 cm	<i>violet</i> 13101516
		1.5	4/0	75 cm	<i>violet</i> 13151516
	 DS 16 mm Easy Pass	1	5/0	50 cm	<i>violet</i> 13101516P
	 DS 16 mm black	1	5/0	75 cm	<i>violet</i> 13101516VB
	 DS 19 mm	1	5/0	45 cm	<i>violet</i> 13101519
		1	5/0	75 cm	<i>violet</i> 13101519-75
		1.5	4/0	75 cm	<i>violet</i> 13151519
		1.5	4/0	90 cm	<i>violet</i> 13151519-90
		2	3/0	75 cm	<i>violet</i> 13201519
	 DS 19 mm black	1.5	4/0	75 cm	<i>violet</i> 13151519VB
	 DS 24 mm	1.5	4/0	75 cm	<i>violet</i> 13151524
2		3/0	75 cm	<i>violet</i> 13201524	
2		3/0	90 cm	<i>violet</i> 13201524-90	
3		2/0	75 cm	<i>violet</i> 13301524	
3.5		0	75 cm	<i>violet</i> 13351524	

 Reverse cutting		Metric	USP	Length	Color	Order number
	DS 26 mm	2	3/0	75 cm	<i>violet</i>	13201526
		3	2/0	75 cm	<i>violet</i>	13301526
	DS 30 mm	3	2/0	75 cm	<i>violet</i>	13301530
		3.5	0	75 cm	<i>violet</i>	13351530
	DS 40 mm	4	1	90 cm	<i>violet</i>	13401540
		5	2	90 cm	<i>violet</i>	13501540
	DS 48 mm	4	1	90 cm	<i>violet</i>	13401548

 Reverse cutting		Metric	USP	Length	Color	Order number
	HS 36 mm	3	2/0	75 cm	<i>violet</i>	13301436
		3.5	0	75 cm	<i>violet</i>	13351436
		4	1	75 cm	<i>violet</i>	13401436

 Round bodied taper cutting point		Metric	USP	Length	Color	Order number
	HRT 26 mm	2	3/0	75 cm	<i>violet</i>	13200526
		3	2/0	75 cm	<i>violet</i>	13300526
	HRT 40 mm	3.5	0	90 cm	<i>violet</i>	13350540
		4	1	90 cm	<i>violet</i>	13400540

 Blunt loop		Metric	USP	Length	Color	Order number
	HRB 50 mm	4	1	150 cm	<i>violet</i>	13401850

CATGUT

PLAIN



Type	Twisted multifilament with a monofilament appearance
Composition	Strands of purified collagen taken from the serosal layer of selected bovines. Origin from BSE-free classified countries.
Coating	None
Colour	Ivory
Tissue reaction	Moderate
Absorption	By phagocytosis. Complete mass absorption in approximately 63 days. Approximately 50% of tensile strength remain after 7 days. When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, vagina) it is more quickly absorbed.
Presentation	Box with 12 sutures

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CATGUT

PLAIN

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

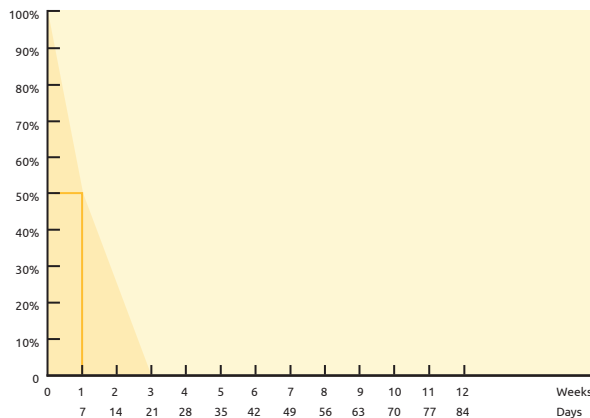
Being absorbable not to use when an extended wound support is required.

Caution in patients with delayed wound healing (e.g. compromised immune system).

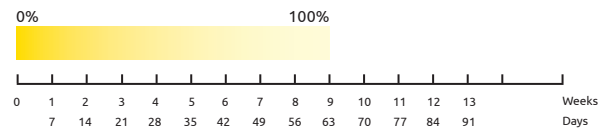
In the region of infected wounds

Known sensitivities or allergies to collagen

TENSILE STRENGTH



ABSORPTION



CATGUT

PLAIN



Without needle

Metric USP Length Order number

2	4/0	150 cm	<i>ivory</i>	1200015
3	3/0	150 cm	<i>ivory</i>	1300015
3.5	2/0	150 cm	<i>ivory</i>	1350015
4	0	150 cm	<i>ivory</i>	1400015
5	1	150 cm	<i>ivory</i>	1500015
6	2	150 cm	<i>ivory</i>	1600015
7	3	150 cm	<i>ivory</i>	1700015



Round bodied taper point

Metric USP Length Order number

HR 16 mm		1.5	5/0	75 cm	<i>ivory</i>	1150116
		2	4/0	75 cm	<i>ivory</i>	1200116
HR 20 mm		2	4/0	75 cm	<i>ivory</i>	1200120
		3	3/0	75 cm	<i>ivory</i>	1300120
HR 26 mm		3.5	2/0	75 cm	<i>ivory</i>	1350120
		2	4/0	75 cm	<i>ivory</i>	1200126
HR 30 mm		3	3/0	75 cm	<i>ivory</i>	1300126
		3.5	2/0	75 cm	<i>ivory</i>	1350126
		4	0	75 cm	<i>ivory</i>	1400126
HR 37 mm		3	3/0	75 cm	<i>ivory</i>	1300130
		3.5	2/0	75 cm	<i>ivory</i>	1350130
HR 40 mm		4	0	75 cm	<i>ivory</i>	1400137
		4	0	90 cm	<i>ivory</i>	1400137-90
		5	1	75 cm	<i>ivory</i>	1500137
HR 45 mm		5	1	90 cm	<i>ivory</i>	1500140-90
		4	0	75 cm	<i>ivory</i>	1400145
HR 50 mm		5	1	75 cm	<i>ivory</i>	1500145
		6	2	75 cm	<i>ivory</i>	1600145
HR 50 mm		3.5	2/0	75 cm	<i>ivory</i>	1350150

1/2 circle










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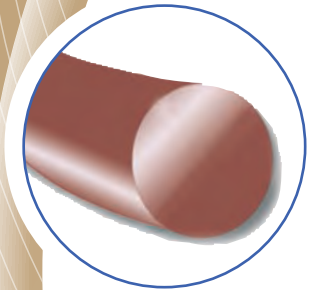
CATGUT

PLAIN

 Reverse cutting		Metric	USP	Length		Order number	
3/8 circle 	DS 12 mm		1.5	5/0	45 cm	<i>ivory</i>	1151512
			1	6/0	45 cm	<i>ivory</i>	1101516
	DS 16 mm		1.5	5/0	75 cm	<i>ivory</i>	1151516
			2	4/0	75 cm	<i>ivory</i>	1201516
			3	3/0	75 cm	<i>ivory</i>	1301516
	DS 19 mm		2	4/0	75 cm	<i>ivory</i>	1201519
			3	3/0	75 cm	<i>ivory</i>	1301519
			3.5	2/0	75 cm	<i>ivory</i>	1351519
	DS 24 mm		2	4/0	75 cm	<i>ivory</i>	1201524
			3	3/0	75 cm	<i>ivory</i>	1301524
			3.5	2/0	75 cm	<i>ivory</i>	1351524
			4	0	75 cm	<i>ivory</i>	1401524
DS 37 mm		3.5	2/0	75 cm	<i>ivory</i>	1351537	

CATGUT

CHROM



Type	Twisted multifilament with a monofilament appearance
Composition	Strands of purified collagen taken from the serosal layer of selected bovines, tanned with chrome salts. Origin from BSE-free classified countries.
Coating	None
Colour	Dark brown
Tissue reaction	Moderate
Absorption	By phagocytosis. The rate of absorption is slowed down by chromizing. Complete mass absorption in approximately 90 days. Approximately 50% of tensile strength remain after 14 days. When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, vagina) it is more quickly absorbed.
Presentation	Box with 12 sutures

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CATGUT

CHROM

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

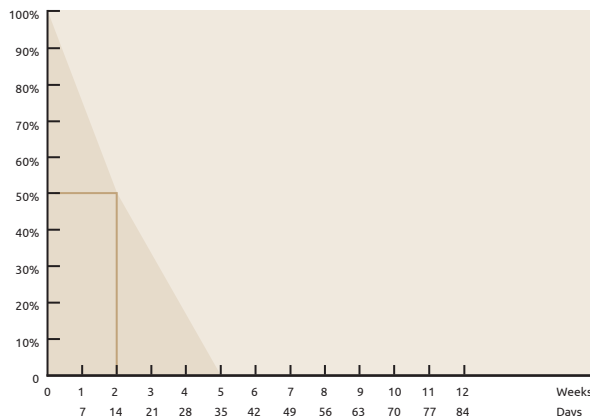
Being absorbable not to use when an extended wound support is required.

Caution in patients with delayed wound healing (e.g. compromised immune system).

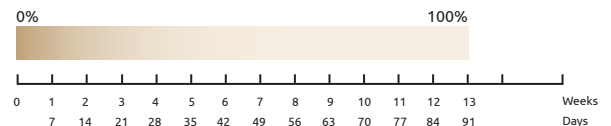
In the region of infected wounds

Known sensitivities or allergies to collagen or chromium

TENSILE STRENGTH



ABSORPTION



CATGUT

CHROM



Without needle

Metric USP Length Order number

2	4/0	150 cm	<i>brown</i>	2200015
3	3/0	150 cm	<i>brown</i>	2300015
3.5	2/0	150 cm	<i>brown</i>	2350015
4	0	150 cm	<i>brown</i>	2400015
5	1	150 cm	<i>brown</i>	2500015
6	2	150 cm	<i>brown</i>	2600015
7	3	150 cm	<i>brown</i>	2700015
8	4	150 cm	<i>brown</i>	2800015
10	6	150 cm	<i>brown</i>	21000015



Round bodied taper point

Metric USP Length Order number

1/2 circle




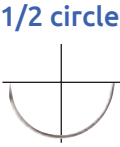

HR 15 mm		1	6/0	75 cm	<i>brown</i>	2100115
		1.5	5/0	75 cm	<i>brown</i>	2150115
		2	4/0	75 cm	<i>brown</i>	2200115
HR 20 mm		1.5	5/0	75 cm	<i>brown</i>	2150120
		2	4/0	75 cm	<i>brown</i>	2200120
		3	3/0	75 cm	<i>brown</i>	2300120
		3.5	2/0	75 cm	<i>brown</i>	2350120
		4	0	75 cm	<i>brown</i>	2400120
HR 26 mm		1.5	5/0	75 cm	<i>brown</i>	2150126
		2	4/0	75 cm	<i>brown</i>	2200126
		3	3/0	75 cm	<i>brown</i>	2300126
		3.5	2/0	75 cm	<i>brown</i>	2350126
		4	0	75 cm	<i>brown</i>	2400126
		5	1	75 cm	<i>brown</i>	2500126
HR 30 mm		2	4/0	75 cm	<i>brown</i>	2200130
		3	3/0	75 cm	<i>brown</i>	2300130
		3.5	2/0	75 cm	<i>brown</i>	2350130
		4	0	75 cm	<i>brown</i>	2400130
		5	1	75 cm	<i>brown</i>	2500130
HR 37 mm		2	4/0	75 cm	<i>brown</i>	2200137
		3	3/0	75 cm	<i>brown</i>	2300137
		3.5	2/0	75 cm	<i>brown</i>	2350137
		3.5	2/0	90 cm	<i>brown</i>	2350137-90
		4	0	75 cm	<i>brown</i>	2400137
		5	1	75 cm	<i>brown</i>	2500137




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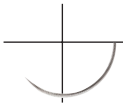








CATGUT




CHROM

 Round bodied taper point	Metric	USP	Length	Order number	
 1/2 circle	 HR 40 mm	3.5	2/0	75 cm	<i>brown</i> 2350140
		3.5	2/0	90 cm	<i>brown</i> 2350140-90
		4	0	75 cm	<i>brown</i> 2400140
		5	1	75 cm	<i>brown</i> 2500140
		5	1	90 cm	<i>brown</i> 2500140-90
		6	2	75 cm	<i>brown</i> 2600140
	HR 45 mm	4	0	75 cm	<i>brown</i> 2400145
		6	2	75 cm	<i>brown</i> 2600145
	HR 48 mm	5	1	75 cm	<i>brown</i> 2500148
	HR 50 mm	6	2	75 cm	<i>brown</i> 2600150
6		2	90 cm	<i>brown</i> 2600150-90	

 Round bodied taper point reverse cutting double armed	Metric	USP	Length	Order number	
 1/2 circle	 HR 37 mm HS 37 mm	3.5	2/0	150 cm	<i>brown</i> 2350137-1437

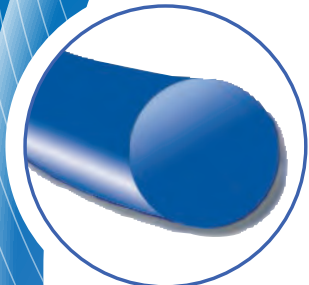
 Blunt	Metric	USP	Length	Order number	
 3/8 circle	 DRB 63 mm	5	1	75 cm	<i>brown</i> 2501963

 Reverse cutting		Metric	USP	Length		Order number
	DS 12 mm 	1	6/0	45 cm	<i>brown</i>	2101512
		1.5	5/0	45 cm	<i>brown</i>	2151512
	DS 16 mm 	1.5	5/0	75 cm	<i>brown</i>	2151516
		2	4/0	75 cm	<i>brown</i>	2201516
	DS 19 mm 	1.5	5/0	75 cm	<i>brown</i>	2151519
		2	4/0	75 cm	<i>brown</i>	2201519
		3	3/0	75 cm	<i>brown</i>	2301519
	DS 24 mm 	3.5	2/0	75 cm	<i>brown</i>	2351519
		2	4/0	75 cm	<i>brown</i>	2201524
		3	3/0	75 cm	<i>brown</i>	2301524
		3.5	2/0	75 cm	<i>brown</i>	2351524
		4	0	75 cm	<i>brown</i>	2401524
DS 30 mm 	5	1	75 cm	<i>brown</i>	2501524	
	3	3/0	75 cm	<i>brown</i>	2301530	
	3.5	2/0	75 cm	<i>brown</i>	2351530	
DS 37 mm 	4	0	75 cm	<i>brown</i>	2401530	
	5	1	75 cm	<i>brown</i>	2501530	
	3	3/0	75 cm	<i>brown</i>	2301537	
DS 40 mm 	3.5	2/0	75 cm	<i>brown</i>	2351537	
	4	0	75 cm	<i>brown</i>	2401537	
	5	1	75 cm	<i>brown</i>	2501537	
	DS 40 mm 	3.5	2/0	75 cm	<i>brown</i>	2351540
		6	2	75 cm	<i>brown</i>	2601540
		7	3	75 cm	<i>brown</i>	2701540

 Reverse cutting		Metric	USP	Length		Order number
	HS 37 mm 	4	0	75 cm	<i>brown</i>	2401437
		5	1	75 cm	<i>brown</i>	2501437

POLYPROPYLENE

BLUE



Type	Monofilament
Composition	Polypropylene, a polymer of propylene
Coating	None
Colour	Blue
Tissue reaction	Minimal
Absorption	Non absorbable
Presentation	Box with 12 sutures

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POLYPROPYLENE

BLUE

CHARACTERISTICS

- ✓ High tensile strength, non absorbable
- ✓ Synthetic
- ✓ Monofilament with microscopic uniform diameter

- ✓ Pliability and softness

- ✓ Hermetically sealed packing

BENEFITS

- Excellent and permanent tissue support
- Minimal tissue reaction
- Soft passage through the tissues without sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down

- Good handling properties
- Easy and secure knotting

- Guaranteed seal and product sterility

INDICATIONS General soft tissue closing and/or ligation
especially in Ophthalmic surgery
Plastic surgery
Skin closure
Orthopaedics
Hernias (also as a mesh)
Gastrointestinal surgery
General surgery
Gynaecology
Obstetrics

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Microsurgery



Round bodied taper point

1/2 circle



		Metric	USP	Length		Order number
HR 10 mm		0.5	7/0	45 cm	<i>blue</i>	5050110
		0.7	6/0	75 cm	<i>blue</i>	5070110
HR 15 mm		0.7	6/0	75 cm	<i>blue</i>	5070115
		1	5/0	75 cm	<i>blue</i>	5100115
		1.5	4/0	75 cm	<i>blue</i>	5150115
HR 17 mm		1	5/0	75 cm	<i>blue</i>	5100117
		2	3/0	75 cm	<i>blue</i>	5200117
HR 20 mm		1	5/0	75 cm	<i>blue</i>	5100120
		1.5	4/0	75 cm	<i>blue</i>	5150120
		2	3/0	75 cm	<i>blue</i>	5200120
HR 25 mm		3	2/0	75 cm	<i>blue</i>	5300120
		1	5/0	75 cm	<i>blue</i>	5100125
		1.5	4/0	75 cm	<i>blue</i>	5150125
HR 30 mm		2	3/0	75 cm	<i>blue</i>	5200125
		3	2/0	75 cm	<i>blue</i>	5300125
		3.5	0	75 cm	<i>blue</i>	5350125
HR 35 mm		4	1	75 cm	<i>blue</i>	5400125
		2	3/0	75 cm	<i>blue</i>	5200130
		3	2/0	75 cm	<i>blue</i>	5300130
HR 40 mm		3.5	0	75 cm	<i>blue</i>	5350130
		4	1	75 cm	<i>blue</i>	5400130
		4	1	75 cm	<i>blue</i>	5400135
HR 35 mm		3	2/0	75 cm	<i>blue</i>	5300135
		3.5	0	75 cm	<i>blue</i>	5350135
HR 40 mm		4	1	75 cm	<i>blue</i>	5400135
		4	1	75 cm	<i>blue</i>	5400135
HR 40 mm		3.5	0	75 cm	<i>blue</i>	5350140
		4	1	90 cm	<i>blue</i>	5400140
		5	2	75 cm	<i>blue</i>	5500140

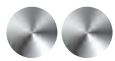
Round bodied taper point loop



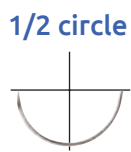
1/2 circle



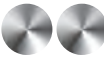

		Metric	USP	Length		Order number
HR 50 mm		4	1	150 cm	<i>blue</i>	5400950





**Round bodied taper point
double armed**



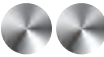

		Metric	USP	Length	Color	Order number
2 x HR 8 mm		0.4	8/0	60 cm	blue	5040108-2
		0.5	7/0	60 cm	blue	5050108-2
		0.7	6/0	60 cm	blue	5070108-2
2 x HR 9.3 mm		0.5	7/0	60 cm	blue	5050193-2
		0.7	6/0	60 cm	blue	5070193-2
2 x HR 10 mm		0.5	7/0	60 cm	blue	5050110-2
		0.7	6/0	60 cm	blue	5070110-2
		1	5/0	60 cm	blue	5100110-2
2 x HR 13 mm		0.5	7/0	60 cm	blue	5050113-2
		0.7	6/0	60 cm	blue	5070113-2
		1	5/0	75 cm	blue	5100113-2
2 x HR 16 mm		0.7	6/0	90 cm	blue	5070116-2
		1	5/0	90 cm	blue	5100116-2
		1.5	4/0	90 cm	blue	5150116-2
		2	3/0	90 cm	blue	5200116-2
2 x HR 20 mm		1	5/0	90 cm	blue	5100120-2
		1.5	4/0	90 cm	blue	5150120-2
		2	3/0	90 cm	blue	5200120-2
2 x HR 25 mm		1	5/0	90 cm	blue	5100125-2
		1.5	4/0	90 cm	blue	5150125-2
		2	3/0	90 cm	blue	5200125-2
2 x HR 30 mm		2	3/0	90 cm	blue	5200130-2
		3	2/0	90 cm	blue	5300130-2
		3	2/0	90 cm	blue	5300135-2
2 x HR 35 mm		3	2/0	90 cm	blue	5300135-2
2 x HR 40 mm		4	1	90 cm	blue	5400140-2

 Round bodied taper point double armed	Metric	USP	Length	Order number
1/2 circle 	HR 15 mm	2	90 cm	<i>blue</i> 5200115-30
	HR 30 mm			

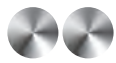


 Round bodied taper point	Metric	USP	Length	Order number
3/8 circle 	DR 16 mm	1.5	75 cm	<i>blue</i> 5150216



 Round bodied taper point double armed	Metric	USP	Length	Order number
3/8 circle 	2 x DR 6 mm	0.4	45 cm	<i>blue</i> 5040206-2
	2 x DR 6.5 mm	0.4	60 cm	<i>blue</i> 50402065-2-60
	2 x DR 8 mm	0.4	45 cm	<i>blue</i> 5040208-2
		0.5	60 cm	<i>blue</i> 5050208-2
	2 x DR 9.3 mm	0.5	60 cm	<i>blue</i> 5050293-2
		0.7	60 cm	<i>blue</i> 5070293-2
	2 x DR 10 mm	0.7	60 cm	<i>blue</i> 5070210-2
		1	75 cm	<i>blue</i> 5100210-2
	2 x DR 13 mm	0.5	60 cm	<i>blue</i> 5050213-2
		1	60 cm	<i>blue</i> 5100213-2
	2 x DR 17 mm	0.7	60 cm	<i>blue</i> 5070213-2
		2	90 cm	<i>blue</i> 5200217-2
	2 x DR 18 mm	1	90 cm	<i>blue</i> 5100218-2
		1.5	90 cm	<i>blue</i> 5150218-2
	2 x DR 22 mm	1.5	90 cm	<i>blue</i> 5150222-2
		2	90 cm	<i>blue</i> 5200222-2
2 x DR 25 mm	3	75 cm	<i>blue</i> 5300225-2	





Round bodied taper point double armed

			Metric	USP	Length		Order number
3/8 circle 	2 x DR 26 mm		1	5/0	90 cm	<i>blue</i>	5100226-2
			1.5	4/0	90 cm	<i>blue</i>	5150226-2



Reverse cutting









			Metric	USP	Length		Order number
3/8 circle 	DS 10 mm		0.7	6/0	45 cm	<i>blue</i>	5071510
			0.5	7/0	45 cm	<i>blue</i>	5051512
	DS 12 mm		0.7	6/0	45 cm	<i>blue</i>	5071512
			1	5/0	45 cm	<i>blue</i>	5101512
			1.5	4/0	75 cm	<i>blue</i>	5151512
			0.7	6/0	50 cm	<i>blue</i>	5071512P
	DS 12 mm Easy Pass		1	5/0	50 cm	<i>blue</i>	5101512P
			0.7	6/0	45 cm	<i>blue</i>	5071516
	DS 16 mm		1	5/0	45 cm	<i>blue</i>	5101516
			1.5	4/0	45 cm	<i>blue</i>	5151516-45
			1.5	4/0	75 cm	<i>blue</i>	5151516
			2	3/0	75 cm	<i>blue</i>	5201516
			0.7	6/0	50 cm	<i>blue</i>	5071516P
	DS 16 mm Easy Pass		1	5/0	50 cm	<i>blue</i>	5101516P
			1.5	4/0	50 cm	<i>blue</i>	5151516P
			DS 16 mm black		1	5/0	45 cm
	0.7	6/0	75 cm		<i>blue</i>	5071519	
	DS 19 mm		1	5/0	45 cm	<i>blue</i>	5101519-45
			1	5/0	75 cm	<i>blue</i>	5101519
			1.5	4/0	45 cm	<i>blue</i>	5151519-45
1.5			4/0	75 cm	<i>blue</i>	5151519	
2			3/0	45 cm	<i>blue</i>	5201519-45	
2			3/0	75 cm	<i>blue</i>	5201519	
3			2/0	75 cm	<i>blue</i>	5301519	
3.5			0	75 cm	<i>blue</i>	5351519	
1			5/0	50 cm	<i>blue</i>	5101519P	
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>blue</i>	5151519P	
		2	3/0	50 cm	<i>blue</i>	5201519P	
		DS 19 mm black		1	5/0	75 cm	<i>blue</i>
1.5	4/0	75 cm		<i>blue</i>	5151519VB		













Reverse cutting







3/8 circle


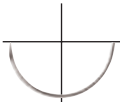













		Metric	USP	Length		Order number
DS 24 mm		1.5	4/0	75 cm	<i>blue</i>	5151524
		2	3/0	45 cm	<i>blue</i>	5201524-45
		2	3/0	75 cm	<i>blue</i>	5201524
		3	2/0	45 cm	<i>blue</i>	5301524-45
		3	2/0	75 cm	<i>blue</i>	5301524
		3.5	0	75 cm	<i>blue</i>	5351524
		4	1	75 cm	<i>blue</i>	5401524
DS 24 mm Easy Pass		1.5	4/0	50 cm	<i>blue</i>	5151524P
		2	3/0	50 cm	<i>blue</i>	5201524P
		3	2/0	50 cm	<i>blue</i>	5301524P
DS 26 mm		2	3/0	45 cm	<i>blue</i>	5201526-45
		2	3/0	75 cm	<i>blue</i>	5201526
		3	2/0	45 cm	<i>blue</i>	5301526-45
		3	2/0	75 cm	<i>blue</i>	5301526
DS 30 mm		2	3/0	75 cm	<i>blue</i>	5201530
		3	2/0	75 cm	<i>blue</i>	5301530
		3.5	0	75 cm	<i>blue</i>	5351530
		4	1	75 cm	<i>blue</i>	5401530
DS 36 mm		2	3/0	75 cm	<i>blue</i>	5201536
		3	2/0	75 cm	<i>blue</i>	5301536
		3.5	0	75 cm	<i>blue</i>	5351536
		4	1	75 cm	<i>blue</i>	5401536
DS 40 mm		3	2/0	75 cm	<i>blue</i>	5301540
		3.5	0	75 cm	<i>blue</i>	5351540
		4	1	90 cm	<i>blue</i>	5401540
DS 45 mm		5	2	90 cm	<i>blue</i>	5501540
		4	1	90 cm	<i>blue</i>	5401545
DS 90 mm		4	1	90 cm	<i>blue</i>	5401590






 Reverse cutting		Metric	USP	Length		Order number
	HS 22 mm 	2	3/0	45 cm	<i>blue</i>	5201422
	HS 24 mm 	3	2/0	75 cm	<i>blue</i>	5301424
	HS 26 mm 	3	2/0	75 cm	<i>blue</i>	5301426

 Cutting		Metric	USP	Length		Order number
	GS 60 mm 	2	3/0	75 cm	<i>blue</i>	5202160
	GS 60 mm 	3	2/0	75 cm	<i>blue</i>	5302160
	GS 75 mm 	3	2/0	75 cm	<i>blue</i>	5302175

 Round bodied taper cutting point double armed		Metric	USP	Length		Order number
	2 x HRT 16 mm 	1	5/0	75 cm	<i>blue</i>	5100516-2
		1.5	4/0	90 cm	<i>blue</i>	5150516-2
	2 x HRT 22 mm 	1.5	4/0	90 cm	<i>blue</i>	5150522-2
		1.5	4/0	90 cm	<i>blue</i>	5150525-2
	2 x HRT 25 mm 	2	3/0	90 cm	<i>blue</i>	5200525-2
		3	2/0	90 cm	<i>blue</i>	5300525-2
		2	3/0	90 cm	<i>blue</i>	5200530-2
	2 x HRT 30 mm 	3	2/0	90 cm	<i>blue</i>	5300530-2

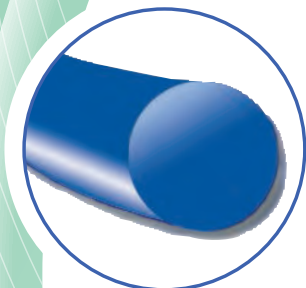
 Round bodied taper cutting point	Metric	USP	Length	Order number	
1/2 circle 	HRT 10 mm 	0.7	6/0	75 cm	<i>blue</i> 5070510
	HRT 25 mm 	3	2/0	75 cm	<i>blue</i> 5300525
	HRT 30 mm 	3.5	0	75 cm	<i>blue</i> 5350530
	HRT 36 mm 	4	1	75 cm	<i>blue</i> 5400536

 Soft cutting point coronary double armed	Metric	USP	Length	Order number	
3/8 circle 	2 x CC 6.4 mm 	0.4	8/0	60 cm	<i>blue</i> 5042606-2
	2 x CC 8 mm 	0.4	8/0	60 cm	<i>blue</i> 5042608-2
		0.5	7/0	75 cm	<i>blue</i> 5052608-2
	2 x CC 9.3 mm 	0.7	6/0	75 cm	<i>blue</i> 5072608-2
		0.5	7/0	60 cm	<i>blue</i> 5052693-2
	2 x CC 10 m 	0.7	6/0	60 cm	<i>blue</i> 5072693-2
		0.5	7/0	75 cm	<i>blue</i> 5052610-2
	2 x CC 13 mm 	0.7	6/0	75 cm	<i>blue</i> 5072610-2
		0.5	7/0	75 cm	<i>blue</i> 5052613-2
		0.7	6/0	75 cm	<i>blue</i> 5072613-2
		1	5/0	75 cm	<i>blue</i> 5102613-2

 Soft cutting point coronary black double armed	Metric	USP	Length	Order number	
3/8 circle 	2 x CC 8 mm black 	0.4	8/0	60 cm	<i>blue</i> 5042608-2VB
		0.5	7/0	75 cm	<i>blue</i> 5052608-2VB
		0.7	6/0	75 cm	<i>blue</i> 5072608-2VB
	2 x CC 9 mm black 	0.4	8/0	60 cm	<i>blue</i> 5042609-2VB
		0.5	7/0	60 cm	<i>blue</i> 5052609-2VB
	2 x CC 13 mm black 	0.7	6/0	75 cm	<i>blue</i> 5072613-2VB
		1	5/0	75 cm	<i>blue</i> 5102613-2VB

DACLON NYLON

DACLON
NYLON



Type	Monofilament
Composition	Extrusion of polyamide 6.0 or 6.6
Coating	None
Colour	Blue Black
Tissue reaction	Minimal
Absorption	Non absorbable, gradually encapsulated by connective tissue. The thread mass diminishes, approximately 10% a year by rupture of chemical links (hydrolytic action).
Presentation	Box with 12 sutures

*For quality
&
safety*

smi

www.sutures.be

DACLON NYLON

CHARACTERISTICS

- ☑ High tensile strength, non absorbable
- ☑ Synthetic
- ☑ Monofilament with microscopic uniform diameter
- ☑ Pliability and softness
- ☑ Hermetically sealed packing

BENEFITS

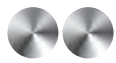
- Excellent and permanent tissue support
- Minimal tissue reaction
- Soft passage through the tissues without sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down
- Good handling properties
- Easy and secure knotting
- Guaranteed seal and product sterility

INDICATIONS General soft tissue closing and/or ligation

Daclon Blue
especially in Skin closure
General surgery
Plastic surgery
Gastrointestinal surgery
Gynaecology
Obstetrics
Orthopaedics

Daclon Black
especially in Plastic surgery
Ophthalmic surgery

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Microsurgery



Round bodied taper point double armed

Metric

USP

Length

Order number

3/8 circle



2 x DR 6 mm



0.4

8/0

45 cm

black

5040206-2



Round bodied taper point

Metric

USP

Length

Order number

1/2 circle



HR 16 mm



1

5/0

75 cm

black

9100116

1.5

4/0

75 cm

blue

9150116

0.7

6/0

75 cm

black

9070120

1

5/0

75 cm

black

9100120

HR 20 mm



1.5

4/0

75 cm

blue

9150120

2

3/0

75 cm

blue

9200120

3

2/0

75 cm

blue

9300120

HR 26 mm



1.5

4/0

75 cm

blue

9150126

2

3/0

75 cm

blue

9200126

3

2/0

75 cm

blue

9300126

3.5

0

75 cm

blue

9350126

4

1

75 cm

blue

9400126

HR 30 mm



3

2/0

75 cm

blue

9300130

3.5

0

75 cm

blue

9350130

4

1

75 cm

blue

9400130

HR 37 mm



3

2/0

75 cm

blue

9300137

3.5

0

75 cm

blue

9350137

4

1

75 cm

blue

9400137

HR 40 mm



3

2/0

75 cm

blue

9300140

3.5

0

75 cm

blue

9350140

4

1

75 cm

blue

9400140

5

2

75 cm

blue

9500140

HR 50 mm



4

1

100 cm

blue

9400150



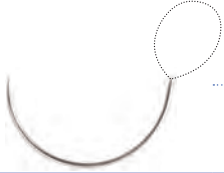
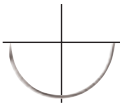


5

2

150 cm



blue




9500150

 Round bodied taper point loop	Metric	USP	Length	Order number
HR 30 mm 	3.5	0	150 cm	<i>blue</i> 9350930
	4	1	150 cm	<i>blue</i> 9400930
HR 35 mm 	3.5	0	150 cm	<i>blue</i> 9350935
	4	1	150 cm	<i>blue</i> 9400935
1/2 circle  HR 40 mm 	3.5	0	150 cm	<i>blue</i> 9350940
	4	1	150 cm	<i>blue</i> 9400940
HR 50 mm 	3.5	0	150 cm	<i>blue</i> 9350950
	4	1	150 cm	<i>blue</i> 9400950

Round bodied taper point double armed



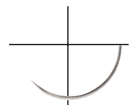
	Metric	USP	Length	Order number
1/2 circle  2 x HR 65 mm 	3	2/0	90 cm	<i>blue</i> 9300165-2

 Blunt	Metric	USP	Length	Order number
1/2 circle  HRB 40 mm 	4	1	75 cm	<i>blue</i> 9401840



Reverse cutting











3/8 circle



		Metric	USP	Length		Order number
DS 12 mm		0.5	7/0	75 cm	<i>black</i>	9051512
		0.7	6/0	75 cm	<i>black</i>	9071512
		1	5/0	75 cm	<i>black</i>	9101512
		1.5	4/0	75 cm	<i>blue</i>	9151512
DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>black</i>	9071512P
		1	5/0	50 cm	<i>black</i>	9101512P
		1.5	4/0	50 cm	<i>blue</i>	9151512P
DS 16 mm		0.7	6/0	45 cm	<i>black</i>	9071516-45
		0.7	6/0	75 cm	<i>black</i>	9071516
		1	5/0	45 cm	<i>black</i>	9101516-45
		1	5/0	75 cm	<i>black</i>	9101516
		1.5	4/0	45 cm	<i>blue</i>	9151516-45
		1.5	4/0	75 cm	<i>blue</i>	9151516
DS 16 mm Easy Pass		0.7	6/0	50 cm	<i>black</i>	9071516P
		1	5/0	50 cm	<i>black</i>	9101516P
		1.5	4/0	50 cm	<i>blue</i>	9151516P
DS 16 mm black		1	5/0	75 cm	<i>black</i>	9101516VB
DS 19 mm		1	5/0	45 cm	<i>black</i>	9101519-45
		1	5/0	75 cm	<i>black</i>	9101519
		1.5	4/0	45 cm	<i>blue</i>	9151519-45
		1.5	4/0	75 cm	<i>blue</i>	9151519
		1.5	4/0	90 cm	<i>blue</i>	9151519-90
		2	3/0	45 cm	<i>blue</i>	9201519-45
		2	3/0	75 cm	<i>blue</i>	9201519
		2	3/0	90 cm	<i>blue</i>	9201519-90
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>blue</i>	9151519P
		2	3/0	50 cm	<i>blue</i>	9201519P
DS 19 mm black		1	5/0	75 cm	<i>black</i>	9101519VB
		1.5	4/0	75 cm	<i>blue</i>	9151519VB


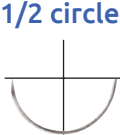













Reverse cutting






		Metric	USP	Length		Order number
DS 24 mm		1	5/0	75 cm	<i>black</i>	9101524
		1.5	4/0	45 cm	<i>blue</i>	9151524-45
		1.5	4/0	75 cm	<i>blue</i>	9151524
		2	3/0	45 cm	<i>blue</i>	9201524-45
		2	3/0	75 cm	<i>blue</i>	9201524
		3	2/0	45 cm	<i>blue</i>	9301524-45
		3	2/0	75 cm	<i>blue</i>	9301524
		3.5	0	75 cm	<i>blue</i>	9351524
		4	1	75 cm	<i>blue</i>	9401524
		5	2	90 cm	<i>blue</i>	9501524
DS 24 mm Easy Pass		3	2/0	50 cm	<i>blue</i>	9301524P
DS 26 mm		2	3/0	45 cm	<i>blue</i>	9201526-45
		2	3/0	75 cm	<i>blue</i>	9201526
		3	2/0	45 cm	<i>blue</i>	9301526-45
DS 30 mm		3	2/0	45 cm	<i>blue</i>	9301526
		3	2/0	75 cm	<i>blue</i>	9301526
		2	3/0	75 cm	<i>blue</i>	9201530
DS 30 mm		3	2/0	75 cm	<i>blue</i>	9301530
		3.5	0	75 cm	<i>blue</i>	9351530
		4	1	75 cm	<i>blue</i>	9401530
DS 36 mm		2	3/0	75 cm	<i>blue</i>	9201536
		3	2/0	75 cm	<i>blue</i>	9301536
		3.5	0	75 cm	<i>blue</i>	9351536
		4	1	75 cm	<i>blue</i>	9401536
		4	1	90 cm	<i>blue</i>	9401536-90
DS 40 mm		3	2/0	75 cm	<i>blue</i>	9301540
		3.5	0	75 cm	<i>blue</i>	9351540
		4	1	75 cm	<i>blue</i>	9401540
DS 45 mm		5	2	90 cm	<i>blue</i>	9501540
		3	2/0	100 cm	<i>blue</i>	9301545
		4	1	75 cm	<i>blue</i>	9401545
DS 60 mm		3	2/0	75 cm	<i>blue</i>	9301560
		3.5	0	75 cm	<i>blue</i>	9351560
DS 90 mm		3	2/0	100 cm	<i>blue</i>	9301590
		3.5	0	100 cm	<i>blue</i>	9351590
		4	1	100 cm	<i>blue</i>	9401590

3/8 circle



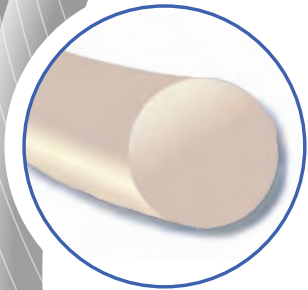
 Reverse cutting		Metric	USP	Length	Order number
	HS 17 mm 	1.5	4/0	75 cm	<i>blue</i> 9151417
		2	3/0	75 cm	<i>blue</i> 9201417
	HS 22 mm 	2	3/0	75 cm	<i>blue</i> 9201422
	HS 26 mm 	2	3/0	75 cm	<i>blue</i> 9201426
		3	2/0	75 cm	<i>blue</i> 9301426
	HS 30 mm 	2	3/0	90 cm	<i>blue</i> 9201430
		3	2/0	90 cm	<i>blue</i> 9301430
	HS 36 mm 	3.5	0	75 cm	<i>blue</i> 9351430
		3	2/0	75 cm	<i>blue</i> 9301436
		3.5	0	75 cm	<i>blue</i> 9351436
	HS 40 mm 	4	1	75 cm	<i>blue</i> 9401436
		5	2	75 cm	<i>blue</i> 9501436
	HS 48 mm 	3.5	0	75 cm	<i>blue</i> 9351440
		4	1	75 cm	<i>blue</i> 9401440
HS 48 mm	4	1	100 cm	<i>blue</i> 9401448	

 Cutting		Metric	USP	Length	Order number
	GS 60 mm 	2	3/0	75 cm	<i>blue</i> 9202160
		3	2/0	75 cm	<i>blue</i> 9302160
	GS 75 mm 	3	2/0	75 cm	<i>blue</i> 9302175

 Cutting		Metric	USP	Length	Order number
	NS 26 mm 	2	3/0	75 cm	<i>blue</i> 9201726
	NS 30 mm 	3	2/0	75 cm	<i>blue</i> 9301730
	NS 40 mm 	3	2/0	75 cm	<i>blue</i> 9301740

PTFE

WHITE



Type	Monofilament
Composition	Polytetrafluoroethylene (PTFE)
Coating	None
Colour	White
Tissue reaction	Minimal
Absorption	Non absorbable
Presentation	Box with 12 sutures

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PTFE

WHITE

CHARACTERISTICS

- High tensile strength, non absorbable
- Synthetic
- Monofilament with microscopic uniform diameter

- Pliability and softness

- Hermetically sealed packing

BENEFITS





- Excellent and permanent tissue support
- Minimal tissue reaction
- Soft passage through the tissues without sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down






- Good handling properties
- Easy and secure knotting




- Guaranteed seal and product sterility




INDICATIONS General soft tissue closing and/or ligation
especially in Skin closure
General surgery
Plastic surgery
Gastrointestinal surgery
Gynaecology
Obstetrics
Orthopaedics
Ophthalmic surgery
Oral surgery

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Microsurgery

 Round bodied taper point			Metric	USP	Length	Order number
	HR 16 mm		0.7	6/0	60 cm	<i>white</i> 21070116
			1	5/0	60 cm	<i>white</i> 21100116
			1.5	4/0	60 cm	<i>white</i> 21150116
	HR 20 mm		1	5/0	60 cm	<i>white</i> 21100120
			1.5	4/0	60 cm	<i>white</i> 21150120
			2	3/0	60 cm	<i>white</i> 21200120

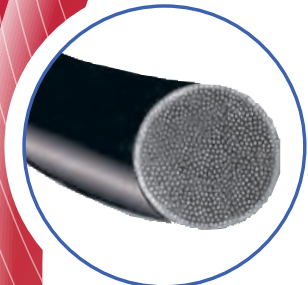
 Reverse cutting			Metric	USP	Length	Order number
	DS 12 mm		0.7	6/0	60 cm	<i>white</i> 21071512
			0.7	6/0	60 cm	<i>white</i> 21071516
	DS 16 mm		1	5/0	60 cm	<i>white</i> 21101516
			1.5	4/0	60 cm	<i>white</i> 21151516
	DS 19 mm		1	5/0	60 cm	<i>white</i> 21101519
			1.5	4/0	60 cm	<i>white</i> 21151519
			2	3/0	60 cm	<i>white</i> 21201519

 Soft cutting point coronary double armed			Metric	USP	Length	Order number
	2 x CC 9.3 mm		0.5	7/0	45 cm	<i>white</i> 21052693-2

 Soft cutting point coronary double armed			Metric	USP	Length	Order number
	2 x GC 9.3 mm		0.5	7/0	45 cm	<i>white</i> 21052793-2

SUPRAMID

BLACK







Type	Twisted and coated multifilament Sizes 5/0 and 6/0 monofilament
Composition	Polyamide 6.6 strands enclosed in a polyamide 6 sheet
Colour	Black
Tissue reaction	Minimal
Absorption	Non absorbable, gradually encapsulated by connective tissue
Presentation	Box with 12 sutures



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 Round bodied taper point		Metric	USP	Length	Color	Order number
1/2 circle 	HR 16 mm	1.5	4/0	75 cm	<i>black</i>	4150116
		2	3/0	75 cm	<i>black</i>	4200116
	HR 20 mm	2	3/0	45 cm	<i>black</i>	4200120
		3	2/0	75 cm	<i>black</i>	4300126
	HR 26 mm	3	2/0	75 cm	<i>black</i>	4300126
		4	1/0	75 cm	<i>black</i>	4400126


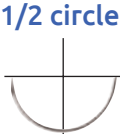

 Round bodied taper point		Metric	USP	Length	Color	Order number
Straight 	GR 22 mm	1.5	4/0	50 cm	<i>black</i>	4152022


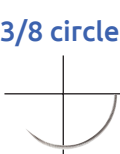

 Reverse cutting		Metric	USP	Length	Color	Order number
1/2 circle 	HS 17 mm	1.5	4/0	75 cm	<i>black</i>	4151417
		2	3/0	75 cm	<i>black</i>	4201417
	HS 20 mm	1	5/0	75 cm	<i>black</i>	4101420
		1.5	4/0	75 cm	<i>black</i>	4151420
	HS 22 mm	2	3/0	75 cm	<i>black</i>	4201420
		1.5	4/0	75 cm	<i>black</i>	4151422
	HS 26 mm	2	3/0	75 cm	<i>black</i>	4201422
		1.5	4/0	75 cm	<i>black</i>	4151426
	HS 26 mm	2	3/0	75 cm	<i>black</i>	4201426
		3	2/0	75 cm	<i>black</i>	4301426

 Cutting		Metric	USP	Length	Color	Order number
Straight 	GS 20 mm	1.5	4/0	50 cm	<i>black</i>	4152120
	GS 25 mm	1.5	4/0	60 cm	<i>black</i>	4152125

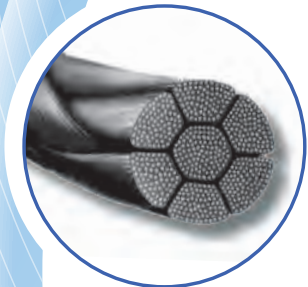
 Reverse cutting		Metric	USP	Length	Color	Order number
3/8 circle 	DS 12 mm	0.7	6/0	75 cm	<i>black</i>	4071512
		1	5/0	45 cm	<i>black</i>	4101512-45
		1	5/0	75 cm	<i>black</i>	4101512
		1.5	4/0	45 cm	<i>black</i>	4151512

 Reverse cutting		Metric	USP	Length	Order number
	DS 16 mm 	0.7	6/0	75 cm	<i>black</i> 4071516
		1	5/0	45 cm	<i>black</i> 4101516-45
		1	5/0	75 cm	<i>black</i> 4101516
		1.5	4/0	45 cm	<i>black</i> 4151516
		1.5	4/0	75 cm	<i>black</i> 4151516-75
		2	3/0	45 cm	<i>black</i> 4201516
		2	3/0	75 cm	<i>black</i> 4201516-75
	DS 16 mm black 	1	5/0	75 cm	<i>black</i> 4101516VB
	DS 19 mm 	0.7	6/0	75 cm	<i>black</i> 4071519
		1	5/0	75 cm	<i>black</i> 4101519
		1.5	4/0	45 cm	<i>black</i> 4151519
		1.5	4/0	75 cm	<i>black</i> 4151519-75
		2	3/0	45 cm	<i>black</i> 4201519-45
		2	3/0	75 cm	<i>black</i> 4201519
DS 19 mm Easy Pass 	1.5	4/0	75 cm	<i>black</i> 4151519P-75	
DS 19 mm black 	1	5/0	75 cm	<i>black</i> 4101519VB	
	1.5	4/0	75 cm	<i>black</i> 4151519VB	
DS 24 mm 	2	3/0	75 cm	<i>black</i> 4201524	
	3	2/0	75 cm	<i>black</i> 4301524	
	3.5	0	75 cm	<i>black</i> 4351524	
DS 36 mm 	3	2/0	75 cm	<i>black</i> 4301536	
	3.5	0	75 cm	<i>black</i> 4351536	
		4	1	75 cm	<i>black</i> 4401536

 Round bodied taper cutting point		Metric	USP	Length	Order number
	HRT 18 mm 	1.5	4/0	75 cm	<i>black</i> 4150518
		2	3/0	75 cm	<i>black</i> 4200518

 Round bodied taper cutting point		Metric	USP	Length	Order number
	DRT 18 mm 	1.5	4/0	75 cm	<i>black</i> 4150418
		2	3/0	75 cm	<i>black</i> 4200418

SILK



Type	Braided multifilament
Composition	Braided fibres from the cocoon of the silkworm
Coating	Silicone
Colour	Black
Tissue reaction	Moderate
Absorption	Silk suture elicits an initial inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous connective tissues.
Presentation	Box with 12 sutures

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SILK

CHARACTERISTICS

- ☑ High tensile strength, non absorbable
- ☑ Braided or twisted structure

- ☑ Coated multifilament

- ☑ Hermetically sealed packing

BENEFITS

- Good and extended tissue support for up to 3 month

- 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
Ophthalmic surgery
Oral surgery
Gastrointestinal surgery
Gynaecology
Obstetrics

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Microsurgery
Known allergies or sensitivities to silk



Without needle

Metric USP Length Order number

2	3/0	150 cm	<i>black</i>	8200015
3	2/0	150 cm	<i>black</i>	8300015
3.5	0	150 cm	<i>black</i>	8350015
4	1	150 cm	<i>black</i>	8400015
5	2	150 cm	<i>black</i>	8500015
6	3&4	150 cm	<i>black</i>	8600015
8	6	150 cm	<i>black</i>	8800015
2	3/0	6 x 45 cm	<i>black</i>	8200044
3	2/0	6 x 45 cm	<i>black</i>	8300044
3.5	0	6 x 45 cm	<i>black</i>	8350044
4	1	6 x 45 cm	<i>black</i>	8400044
5	2	6 x 45 cm	<i>black</i>	8500044
1.5	4/0	17 x 45 cm	<i>black</i>	8150046
2	3/0	17 x 45 cm	<i>black</i>	8200046
3	2/0	17 x 45 cm	<i>black</i>	8300046
3.5	0	17 x 45 cm	<i>black</i>	8350046
4	1	17 x 45 cm	<i>black</i>	8400046
1.5	4/0	13 x 60 cm	<i>black</i>	8150060
2	3/0	13 x 60 cm	<i>black</i>	8200060
3	2/0	13 x 60 cm	<i>black</i>	8300060
3.5	0	13 x 60 cm	<i>black</i>	8350060
4	1	13 x 60 cm	<i>black</i>	8400060
1.5	4/0	12 x 75 cm	<i>black</i>	8150075
2	3/0	12 x 75 cm	<i>black</i>	8200075
3	2/0	12 x 75 cm	<i>black</i>	8300075
3.5	0	12 x 75 cm	<i>black</i>	8350075
4	1	12 x 75 cm	<i>black</i>	8400075
5	2	12 x 75 cm	<i>black</i>	8500075



Without needle

Metric USP Length Order number

Ligapack



2	3/0	250 cm	<i>black</i>	8200025
3	2/0	250 cm	<i>black</i>	8300025
3.5	0	250 cm	<i>black</i>	8350025
4	1	250 cm	<i>black</i>	8400025
5	2	250 cm	<i>black</i>	8500025
6	3&4	250 cm	<i>black</i>	8600025











Round bodied taper point




1/2 circle








		Metric	USP	Length	Color	Order number
HR 12 mm		0.7	6/0	45 cm	black	8070112
		1	5/0	45 cm	black	8100112
		1.5	4/0	75 cm	black	8150112
		2	3/0	90 cm	black	8200112
HR 16 mm		0.7	6/0	45 cm	black	8070116
		1	5/0	75 cm	black	8100116
		1.5	4/0	75 cm	black	8150116
HR 20 mm		2	3/0	75 cm	black	8200116
		1	5/0	75 cm	black	8100120
		1.5	4/0	75 cm	black	8150120
		2	3/0	75 cm	black	8200120
		3	2/0	75 cm	black	8300120
HR 26 mm		3.5	0	75 cm	black	8350120
		1	5/0	75 cm	black	8100126
		1.5	4/0	75 cm	black	8150126
		2	3/0	75 cm	black	8200126
		3	2/0	75 cm	black	8300126
HR 30 mm		3.5	0	75 cm	black	8350126
		4	1	75 cm	black	8400126
		2	3/0	75 cm	black	8200130
		3	2/0	75 cm	black	8300130
		3.5	0	75 cm	black	8350130
HR 37 mm		4	1	75 cm	black	8400130
		5	2	75 cm	black	8500130
		2	3/0	75 cm	black	8200137
HR 40 mm		3	2/0	75 cm	black	8300137
		3.5	0	75 cm	black	8350137
		4	1	75 cm	black	8400137
		5	2	75 cm	black	8500137
HR 45 mm		4	1	75 cm	black	8400140
		5	2	75 cm	black	8500140
		4	1	75 cm	black	8400145
		5	2	75 cm	black	8500145
		6	3&4	75 cm	black	8600145

 Round bodied taper point	Metric	USP	Length	Order number	
3/8 circle 	DR 12 mm 	1	5/0	45 cm	<i>black</i> 8100212
	DR 16 mm 	1	5/0	75 cm	<i>black</i> 8100216
		1.5	4/0	75 cm	<i>black</i> 8150216
	DR 25 mm 	2	3/0	75 cm	<i>black</i> 8200216
		2	3/0	75 cm	<i>black</i> 8200225
		3	2/0	75 cm	<i>black</i> 8300225
	DR 30 mm 	3.5	0	75 cm	<i>black</i> 8350225
		3	2/0	75 cm	<i>black</i> 8300230

 Round bodied taper point	Metric	USP	Length	Order number	
Straight	GR 40 mm 	3	2/0	75 cm	<i>black</i> 8302040

 Reverse cutting double armed	Metric	USP	Length	Order number	
3/8 circle 	2 x DS 12 mm 	0.5	7/0	45 cm	<i>black</i> 8051512-2
		0.7	6/0	45 cm	<i>black</i> 8071512-2

 Reverse cutting	Metric	USP	Length	Order number	
3/8 circle 	DS 12 mm 	0.5	7/0	45 cm	<i>black</i> 8051512
		0.7	6/0	45 cm	<i>black</i> 8071512
		1	5/0	45 cm	<i>black</i> 8101512
		1.5	4/0	75 cm	<i>black</i> 8151512
		2	3/0	75 cm	<i>black</i> 8201512
	DS 12 mm Easy Pass 	0.7	6/0	50 cm	<i>black</i> 8071512P
	DS 16 mm 	0.7	6/0	75 cm	<i>black</i> 8071516
		1	5/0	75 cm	<i>black</i> 8101516
		1.5	4/0	75 cm	<i>black</i> 8151516
		2	3/0	75 cm	<i>black</i> 8201516
3		2/0	75 cm	<i>black</i> 8301516	








Reverse cutting

		Metric	USP	Length	Order number
DS 16 mm Easy Pass		1	5/0	50 cm	<i>black</i> 8101516P
		1.5	4/0	50 cm	<i>black</i> 8151516P
DS 16 mm black		1	5/0	75 cm	<i>black</i> 8101516VB
		1.5	4/0	75 cm	<i>black</i> 8151516VB
DS 19 mm		0.7	6/0	75 cm	<i>black</i> 8071519
		1	5/0	75 cm	<i>black</i> 8101519
		1.5	4/0	75 cm	<i>black</i> 8151519
		2	3/0	45 cm	<i>black</i> 8201519-45
		2	3/0	75 cm	<i>black</i> 8201519
		3	2/0	75 cm	<i>black</i> 8301519
		3.5	0	75 cm	<i>black</i> 8351519
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>black</i> 8151519P
		2	3/0	50 cm	<i>black</i> 8201519P
DS 19 mm black		1	5/0	75 cm	<i>black</i> 8101519VB
		1.5	4/0	75 cm	<i>black</i> 8151519VB
		2	3/0	75 cm	<i>black</i> 8201519VB
DS 24 mm		1	5/0	75 cm	<i>black</i> 8101524
		1.5	4/0	75 cm	<i>black</i> 8151524
		2	3/0	75 cm	<i>black</i> 8201524
		3	2/0	75 cm	<i>black</i> 8301524
		3.5	0	75 cm	<i>black</i> 8351524
DS 26 mm		4	1	75 cm	<i>black</i> 8401524
		2	3/0	75 cm	<i>black</i> 8201526
DS 30 mm		3	2/0	75 cm	<i>black</i> 8301526
		1.5	4/0	75 cm	<i>black</i> 8151530
DS 37 mm		2	3/0	75 cm	<i>black</i> 8201530
		3	2/0	75 cm	<i>black</i> 8301530
		3.5	0	75 cm	<i>black</i> 8351530
		4	1	75 cm	<i>black</i> 8401530
		5	2	75 cm	<i>black</i> 8501530
DS 37 mm		2	3/0	75 cm	<i>black</i> 8201537
		3	2/0	75 cm	<i>black</i> 8301537
		3.5	0	75 cm	<i>black</i> 8351537
		4	1	75 cm	<i>black</i> 8401537
		5	2	75 cm	<i>black</i> 8501537
		6	3&4	75 cm	<i>black</i> 8601537










3/8 circle



 Reverse cutting		Metric	USP	Length		Order number
DS 40 mm		4	1	75 cm	<i>black</i>	8401540
		5	2	75 cm	<i>black</i>	8501540
DS 45 mm		3	2/0	75 cm	<i>black</i>	8301545
		3.5	0	75 cm	<i>black</i>	8351545
		4	1	75 cm	<i>black</i>	8401545
DS 60 mm		5	2	75 cm	<i>black</i>	8501545
		4	1	75 cm	<i>black</i>	8401560
DS 90 mm		3.5	0	100 cm	<i>black</i>	8351590
		5	2	100 cm	<i>black</i>	8501590





3/8 circle








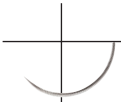

 Reverse cutting		Metric	USP	Length		Order number
HS 12 mm		0.7	6/0	75 cm	<i>black</i>	8071412
		1	5/0	75 cm	<i>black</i>	8101417
HS 17 mm		1.5	4/0	75 cm	<i>black</i>	8151417
		2	3/0	75 cm	<i>black</i>	8201417
HS 20 mm		1.5	4/0	75 cm	<i>black</i>	8151420
		2	3/0	75 cm	<i>black</i>	8201420
HS 22 mm		1	5/0	75 cm	<i>black</i>	8101422
		1.5	4/0	75 cm	<i>black</i>	8151422
		2	3/0	75 cm	<i>black</i>	8201422
HS 26 mm		3	2/0	75 cm	<i>black</i>	8301422
		1	5/0	75 cm	<i>black</i>	8101426
		1.5	4/0	75 cm	<i>black</i>	8151426
		2	3/0	75 cm	<i>black</i>	8201426
HS 30 mm		3	2/0	75 cm	<i>black</i>	8301430
		3	2/0	75 cm	<i>black</i>	8301426
		3.5	0	75 cm	<i>black</i>	8351426
HS 36 mm		3.5	0	75 cm	<i>black</i>	8351436
		4	1	75 cm	<i>black</i>	8401436
HS 40 mm		4	1	75 cm	<i>black</i>	8401440

1/2 circle



 Cutting		Metric	USP	Length		Order number
Straight 	GS 40 mm 	3	2/0	75 cm	<i>black</i>	8302140
	GS 60 mm 	2	3/0	75 cm	<i>black</i>	8202160
		3	2/0	75 cm	<i>black</i>	8302160
		3.5	0	75 cm	<i>black</i>	8352160

 Round bodied taper cutting point		Metric	USP	Length		Order number
1/2 circle 	HRT 18 mm 	1	5/0	75 cm	<i>black</i>	8100518
		1.5	4/0	75 cm	<i>black</i>	8150518
		2	3/0	75 cm	<i>black</i>	8200518
	HRT 27 mm 	3	2/0	75 cm	<i>black</i>	8300518
		2	3/0	75 cm	<i>black</i>	8200527
		3	2/0	75 cm	<i>black</i>	8300527

 Round bodied taper cutting point		Metric	USP	Length		Order number
3/8 circle 	DRT 18 mm 	1.5	4/0	75 cm	<i>black</i>	8150418
		2	3/0	75 cm	<i>black</i>	8200418

POLYESTER



Type	Braided multifilament
Composition	Polyester - a polymer of polyethylene terephthalate
Coating	Silicone
Colour	Green White
Tissue reaction	Minimal
Absorption	Non absorbable, gradually encapsulated by connective tissue
Presentation	Box with 12 sutures

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POLYESTER

CHARACTERISTICS

- ☑ Unsurpassed tensile strength, non absorbable
- ☑ Synthetic
- ☑ Braided structure

- ☑ Coated multifilament

- ☑ Hermetically sealed packing

INDICATIONS General soft tissue closing and/or ligation
especially in Ophthalmic surgery
General surgery
Skin closure
Orthopaedics
Gastrointestinal surgery
Obstetrics

BENEFITS

- Excellent and permanent tissue support

- Minimal tissue reaction

- 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

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Microsurgery

POLYESTER



Without needle

Metric USP Length Order number

1.5	4/0	150 cm	<i>green</i>	7150015
2	3/0	150 cm	<i>green</i>	7200015
3	2/0	150 cm	<i>green</i>	7300015
3.5	0	150 cm	<i>green</i>	7350015
4	1	150 cm	<i>green</i>	7400015
5	2	150 cm	<i>green</i>	7500015
6	3&4	150 cm	<i>green</i>	7600015
1.5	4/0	6 x 45 cm	<i>green</i>	7150045
2	3/0	6 x 45 cm	<i>green</i>	7200045
3	2/0	6 x 45 cm	<i>green</i>	7300045
3.5	0	6 x 45 cm	<i>green</i>	7350045
4	1	6 x 45 cm	<i>green</i>	7400045
5	2	6 x 45 cm	<i>green</i>	7500045
6	3&4	6 x 45 cm	<i>green</i>	7600045
2	3/0	3 x 50 cm	<i>green</i>	7200050
3	2/0	3 x 50 cm	<i>green</i>	7300050
3.5	0	3 x 50 cm	<i>green</i>	7350050
4	1	3 x 50 cm	<i>green</i>	7400050
5	2	3 x 50 cm	<i>green</i>	7500050
2	3/0	2 x 75 cm	<i>green</i>	7200075-2



Without needle

Metric USP Length Order number











1.5	4/0	250 cm	<i>green</i>	7150025
2	3/0	250 cm	<i>green</i>	7200025
3	2/0	250 cm	<i>green</i>	7300025
3.5	0	250 cm	<i>green</i>	7350025
4	1	250 cm	<i>green</i>	7400025
5	2	250 cm	<i>green</i>	7500025
6	3&4	250 cm	<i>green</i>	7600025

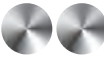



Ligapack















smi

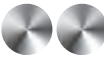


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 Round bodied taper point		Metric	USP	Length		Order number
	HR 13 mm 	0.7	6/0	75 cm	<i>green</i>	7070113
		1	5/0	75 cm	<i>green</i>	7100116
	HR 16 mm 	1.5	4/0	75 cm	<i>green</i>	7150116
		2	3/0	75 cm	<i>green</i>	7200116
	HR 20 mm 	1.5	4/0	75 cm	<i>green</i>	7150120
		2	3/0	75 cm	<i>green</i>	7200120
		3	2/0	75 cm	<i>green</i>	7300120
	HR 26 mm 	1.5	4/0	75 cm	<i>green</i>	7150126
		2	3/0	75 cm	<i>green</i>	7200126
		3	2/0	75 cm	<i>green</i>	7300126
		3.5	0	75 cm	<i>green</i>	7350126
		4	1	75 cm	<i>green</i>	7400126
	HR 30 mm 	2	3/0	75 cm	<i>green</i>	7200130
		3	2/0	75 cm	<i>green</i>	7300130
		3.5	0	75 cm	<i>green</i>	7350130
		4	1	75 cm	<i>green</i>	7400130
	HR 36 mm 	3	2/0	75 cm	<i>green</i>	7300136
		3.5	0	75 cm	<i>green</i>	7350136
	HR 40 mm 	4	1	75 cm	<i>green</i>	7400140
		3.5	0	75 cm	<i>green</i>	7350140
5		2	75 cm	<i>green</i>	7500140	
6		3&4	75 cm	<i>green</i>	7600140	
7		5	75 cm	<i>green</i>	7700140	
HR 48 mm 	4	1	75 cm	<i>green</i>	7400148	
	5	2	75 cm	<i>green</i>	7500148	

 Round bodied taper point double armed		Metric	USP	Length		Order number
	HR 16 mm 	2	3/0	60 cm	<i>green</i>	7200116-36
	HR 36 mm 					

 Round bodied taper point double armed	Metric	USP	Length	Order number		
 1/2 circle	2 x HR 17 mm	 1	5/0	75 cm	<i>green</i> 7100117-2	
		 2	3/0	90 cm	<i>green</i> 7200117-2	
		 3	2/0	90 cm	<i>green</i> 7300117-2	
	2 x HR 20 mm	 3	2/0	90 cm	<i>green</i> 7300120-2	
		2 x HR 26 mm	 2	3/0	90 cm	<i>green</i> 7200126-2
			 3	2/0	90 cm	<i>green</i> 7300126-2
	 3.5	0	75 cm	<i>green</i> 7350126-2		




 Round bodied taper point	Metric	USP	Length	Order number	
 3/8 circle	DR 50 mm	 7	5	75 cm	<i>green</i> 7700250

 Round bodied taper point double armed	Metric	USP	Length	Order number	
 3/8 circle	2 x DR 13 mm	 1.5	4/0	75 cm	<i>green</i> 7150213-2

 Round bodied taper point	Metric	USP	Length	Order number	
 Straight	GR 19 mm	 1.5	4/0	45 cm	<i>green</i> 7152019
		 2	3/0	50 cm	<i>green</i> 7202019







Round bodied taper cutting point double armed

			Metric	USP	Length		Order number
1/2 circle 	2 x HRT 17 mm		1.5	4/0	90 cm	green	7150517-2
			2	3/0	90 cm	green	7200517-2
			3	2/0	90 cm	green	7300517-2
					4x green, 4x white		7300517-2P
	2 x HRT 25 mm		2	3/0	90 cm	green	7200525-2
			3	2/0	90 cm	green	7300525-2
						4x green, 4x white	7300525-2P















Round bodied taper cutting point










			Metric	USP	Length		Order number
1/2 circle 	HRT 18 mm		1.5	4/0	75 cm	green	7150518
			2	3/0	75 cm	green	7200518
	HRT 40 mm		5	2	75 cm	green	7500540
			8	6	90 cm	green	7800540
	HRT 55 mm		6	3	75 cm	green	7600555
			7	5	4 x 75 cm	green	7700555-4



Reverse cutting

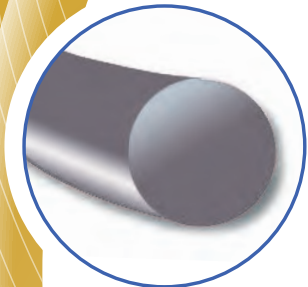
			Metric	USP	Length		Order number	
3/8 circle 	DS 12 mm		1	5/0	45 cm	green	7101512	
			1	5/0	75 cm	green	7101516	
	DS 16 mm		1.5	4/0	75 cm	green	7151516	
			2	3/0	75 cm	green	7201516	
	DS 19 mm		1	5/0	75 cm	green	7101519	
			1.5	4/0	75 cm	green	7151519	
			2	3/0	75 cm	green	7201519	
				3	2/0	75 cm	green	7301519
	DS 19 mm black		1.5	4/0	75 cm	green	7151519VB	
			2	3/0	75 cm	green	7201519VB	
	DS 24 mm		2	3/0	75 cm	green	7201524	
			3	2/0	75 cm	green	7301524	
	DS 26 mm		3.5	0	75 cm	green	7351524	
			1.5	4/0	75 cm	green	7151526	
				3	2/0	75 cm	green	7301526

Reverse cutting		Metric	USP	Length		Order number	
3/8 circle 	DS 30 mm		2	3/0	75 cm	<i>green</i>	7201530
			3	2/0	75 cm	<i>green</i>	7301530
			3.5	0	75 cm	<i>green</i>	7351530
			4	1	75 cm	<i>green</i>	7401530
			4	1	110 cm	<i>green</i>	7401530-110
	DS 36 mm		3	2/0	75 cm	<i>green</i>	7301536
			4	1	75 cm	<i>green</i>	7401536
			5	2	75 cm	<i>green</i>	7501536
	DS 40 mm		3.5	0	75 cm	<i>green</i>	7351540
			4	1	75 cm	<i>green</i>	7401540
			5	2	75 cm	<i>green</i>	7501540
	DS 45 mm		5	2	75 cm	<i>green</i>	7501545

Reverse cutting		Metric	USP	Length		Order number	
1/2 circle 	HS 17 mm		1.5	4/0	75 cm	<i>green</i>	7151417
			2	3/0	75 cm	<i>green</i>	7201417
	HS 22 mm		2	3/0	75 cm	<i>green</i>	7201422
	HS 26 mm		2	3/0	75 cm	<i>green</i>	7201426
			3	2/0	75 cm	<i>green</i>	7301426
	HS 30 mm		3	2/0	75 cm	<i>green</i>	7301430
			3.5	0	75 cm	<i>green</i>	7351430
			4	1	75 cm	<i>green</i>	7401430
	HS 36 mm		5	2	75 cm	<i>green</i>	7501430
			3.5	0	75 cm	<i>green</i>	7351436
			4	1	75 cm	<i>green</i>	7401436
	HS 40 mm		3.5	0	75 cm	<i>green</i>	7351440
			4	1	75 cm	<i>green</i>	7401440
			5	2	75 cm	<i>green</i>	7501440
	HS 48 mm		6	3&4	75 cm	<i>green</i>	7601448
			7	5	75 cm	<i>green</i>	7701448

STEEL

MONOFILAMENT



Type	Monofilament
Composition	Iron, nickel and chromium alloy
Coating	None
Colour	Metal
Tissue reaction	Minimal
Absorption	Non absorbable
Presentation	Box with 12 sutures

*For quality
&
safety*

smi

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STEEL

MONOFILAMENT

CHARACTERISTICS

- ✓ High tensile strength, non absorbable
- ✓ Synthetic
- ✓ Ductile and malleable
- ✓ Monofilament with microscopic uniform diameter
- ✓ Hermetically sealed packing

BENEFITS

- Excellent and permanent tissue support
- Minimal tissue reaction
- Good handling properties
- Soft passage through the tissues without sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down
- Guaranteed seal and product sterility

INDICATIONS Closure of sternum
Orthopaedics
Abdominal wall closure
and hernia repair

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Microsurgery
Known sensitivities or allergies to
stainless or metals such as chromium
and nickel



Round bodied taper cutting point

Metric

USP

Length

Order number

1/2 circle



HRT 40 mm



6

3&4

4 x 45 cm

ST45

HRT 48 mm



7

5

4 x 45 cm

ST55

8

6

4 x 45 cm

ST65

HRT 54 mm



7

5

1 x 75 cm

ST54



Reverse cutting

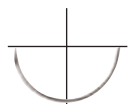
Metric

USP

Length

Order number

1/2 circle



HS 25 mm



3.5

0

4 x 45 cm

ST01

HS 40 mm



4

1

4 x 45 cm

ST11

5

2

4 x 45 cm

ST21

HS 48 mm



6

3&4

4 x 45 cm

ST41

9

7

4 x 45 cm

ST71

HS 50 mm



7

5

1 x 75 cm

ST53

7

5

4 x 45 cm

ST51

8

6

4 x 45 cm

ST61

HS 58 mm



7

5

4 x 45 cm

ST52

8

6

4 x 45 cm

ST62

HS 120 mm



9

7

60 cm

ST75



Cutting

Metric

USP

Length

Order number

1/2 circle



NH 48 mm



7

5

4 x 45 cm

ST56

8

6

4 x 45 cm

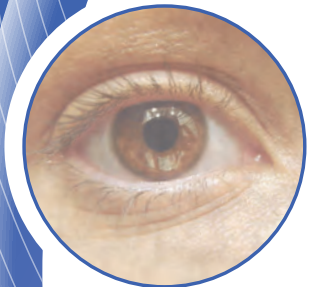
ST63

9

7

4 x 45 cm

ST72
















OPHTHALMIC SURGERY





*For quality
&
safety*














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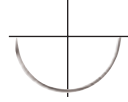













 Side cutting spatula double armed	Metric	USP	Length	Order number			
1/2 circle 	2 x HSP 8 mm 200 µm		0.5	7/0	45 cm	<i>violet</i>	OSU07
	2 x HSP 8 mm 300 µm		0.7	6/0	45 cm	<i>violet</i>	OSU061







 Side cutting spatula double armed	Metric	USP	Length	Order number			
3/8 circle 	2 x DSP 5.5 mm 150 µm		0.2	10/0	30 cm	<i>violet</i>	OSU102
	2 x DSP 6 mm 200 µm		0.4	8/0	30 cm	<i>violet</i>	OSU08-30
			0.4	8/0	45 cm	<i>violet</i>	OSU08
	2 x DSP 6.2 mm 150 µm		0.2	10/0	30 cm	<i>violet</i>	OSU10
	2 x DSP 6.4 mm 200 µm		0.3	9/0	30 cm	<i>violet</i>	OSU09
			0.5	7/0	45 cm	<i>violet</i>	OSU072
	2 x DSP 8 mm 200 µm		0.5	7/0	45 cm	<i>violet</i>	OSU071
2 x DSP 8 mm 300 µm		0.7	6/0	45 cm	<i>violet</i>	OSU062	
2 x DSP 10 mm 200 µm		0.5	7/0	45 cm	<i>violet</i>	OSU073	


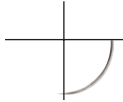


 Side cutting spatula	Metric	USP	Length	Order number			
3/8 circle 	DSP 6.2 mm 150 µm		0.2	10/0	10 cm	<i>violet</i>	OSU101
	DSP 6.4 mm 200 µm		0.3	9/0	30 cm	<i>violet</i>	OSU09-1








 Side cutting spatula double armed	Metric	USP	Length	Order number			
1/4 circle 	2 x VSP 8 mm 250 µm		0.7	6/0	45 cm	<i>violet</i>	OSU06-250
	2 x VSP 8 mm 300 µm 350 µm		0.7	6/0	45 cm	<i>violet</i>	OSU06
			1	5/0	45 cm	<i>violet</i>	OSU05




 Micro needle taper point double armed			Metric	USP	Length		Order number
3/8 circle 	MDR 6.4 mm		0.3	9/0	30 cm	<i>violet</i>	OSU095
	150µm						
 Reverse cutting			Metric	USP	Length		Order number
3/8 circle 	DS 12 mm		0.7	6/0	45 cm	<i>violet</i>	11071512
			1	5/0	45 cm	<i>violet</i>	11101512
	DS 12 mm		0.7	6/0	50 cm	<i>undyed</i>	11071512UP
	Easy Pass		1	5/0	50 cm	<i>undyed</i>	11101512UP

 Side cutting spatula double armed		Metric	USP	Length		Order number
1/2 circle 	2 x HSP 8 mm 200 µm		0.7	6/0	45 cm	<i>violet</i> O910061
	300 µm					
	2 x HSP 8 mm 300 µm		0.7	6/0	45 cm	<i>undyed</i> O910061U
<hr/>						
 Side cutting spatula double armed		Metric	USP	Length		Order number
3/8 circle 	2 x DSP 11 mm 350 µm		1	5/0	45 cm	<i>violet</i> O910051
<hr/>						
 Side cutting spatula double armed		Metric	USP	Length		Order number
1/4 circle 	2 x VSP 6.3 mm 250 µm		0.7	6/0	45 cm	<i>violet</i> O910063
			0.7	6/0	45 cm	<i>violet</i> O91006
	2 x VSP 8 mm 300 µm		0.7	6/0	20 cm	<i>undyed</i> O91006U-20
			0.7	6/0	45 cm	<i>undyed</i> O91006U
	2 x VSP 8 mm 350 µm		1	5/0	45 cm	<i>violet</i> O91005
			1	5/0	45 cm	<i>undyed</i> O91005U


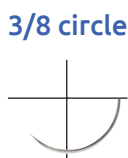





 Side cutting spatula double armed	Metric	USP	Length	Order number			
3/8 circle 	2 x DSP 6.5 mm 200 µm		0.4	8/0	45 cm	<i>black</i>	OS81B
	2 x DSP 6.5 mm 240 µm		0.5	7/0	45 cm	<i>black</i>	OS71
	2 x DSP 6.5 mm 240 µm		0.7	6/0	45 cm	<i>black</i>	OS61
2 x DSP 8 mm 350 µm		1	5/0	30 cm	<i>black</i>	OS52	


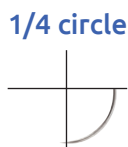

 Side cutting spatula double armed	Metric	USP	Length	Order number			
1/4 circle 	2 x VSP 8 mm 250 µm		0.7	6/0	45 cm	<i>black</i>	OS62
	2 x VSP 10 mm 350 µm		1	5/0	45 cm	<i>black</i>	OS51


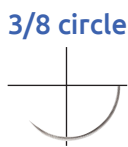

 Reverse cutting	Metric	USP	Length	Order number			
3/8 circle 	DS 12 mm		0.7	6/0	45 cm	<i>black</i>	8071512
	DS 12 mm		1	5/0	45 cm	<i>black</i>	8101512
	DS 12 mm		1.5	4/0	75 cm	<i>black</i>	8151512
	DS 16 mm		1.5	4/0	75 cm	<i>black</i>	8151516
	DS 19 mm		1.5	4/0	75 cm	<i>black</i>	8151519


 Reverse cutting double armed	Metric	USP	Length	Order number			
3/8 circle 	2 x DS 12 mm		0.7	6/0	45 cm	<i>black</i>	8071512-2



 Round bodied taper point double armed	Metric	USP	Length	Order number
1/4 circle  2 x VR 8 mm 220 µm 	0.4	8/0	45 cm	<i>black</i> ON81
 Side cutting spatula	Metric	USP	Length	Order number
1/2 circle  HSP 5.5 mm 150 µm 	0.2	10/0	30 cm	<i>black</i> ON1081
 Side cutting spatula double armed	Metric	USP	Length	Order number
2 x HSP 5.5 mm 150 µm 	0.2	10/0	30 cm	<i>black</i> ON108
1/2 circle  2 x HSP 6.2 mm 150 µm 	0.2	10/0	30 cm	<i>black</i> ON102
2 x HSP 6.4 mm 220 µm 	0.2	10/0	30 cm	<i>black</i> ON106
2 x HSP 8 mm 300 µm 	0.7	6/0	45 cm	<i>black</i> ON62
 Side cutting spatula	Metric	USP	Length	Order number
3/8 circle  DSP 4.75 mm 150 µm 	0.2	10/0	13 cm	<i>black</i> ON1021
	0.3	9/0	13 cm	<i>black</i> ON99
DSP 6.2 mm 150 µm 	0.2	10/0	15 cm	<i>black</i> ON1011



 Side cutting spatula double armed	Metric	USP	Length	Order number			
	2 x DSP 6 mm 220 µm		0.2	10/0	30 cm	<i>black</i>	ON103
			0.1	11/0	20 cm	<i>black</i>	ON111
			0.2	10/0	30 cm	<i>black</i>	ON101
	2 x DSP 6.2 mm 150 µm		0.3	9/0	30 cm	<i>black</i>	ON95
			0.3	9/0	45 cm	<i>black</i>	ON95-45
			0.4	8/0	30 cm	<i>black</i>	ON85
			0.4	8/0	45 cm	<i>black</i>	ON85-45
	2 x DSP 6.2 mm 200 µm		0.5	7/0	30 cm	<i>black</i>	ON75
	2 x DSP 6.4 mm 220 µm		0.2	10/0	30 cm	<i>black</i>	ON105
			0.2	10/0	38 cm	<i>black</i>	ON105-38
		0.2	10/0	45 cm	<i>black</i>	ON105-45	
2 x DSP 8 mm 300 µm		0.7	6/0	45 cm	<i>black</i>	ON61	


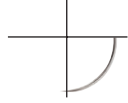
 Side cutting spatula double armed	Metric	USP	Length	Order number			
	2 x VSP 8 mm 350 µm		1	5/0	45 cm	<i>black</i>	ON51



 Reverse cutting	Metric	USP	Length	Order number			
	DS 12 mm		0.5	7/0	75 cm	<i>black</i>	9051512
			0.7	6/0	75 cm	<i>black</i>	9071512


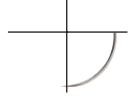
 Side cutting spatula double armed	Metric	USP	Length	Order number
1/2 circle  2 x HSP 8 mm 350 µm 	1	5/0	45 cm	<i>white</i> OP52
 Side cutting spatula double armed	Metric	USP	Length	Order number
3/8 circle  2 x DSP 8 mm 350 µm 	1	5/0	45 cm	<i>white</i> OP53
 Side cutting spatula double armed	Metric	USP	Length	Order number
1/4 circle  2 x VSP 8 mm 250 µm 	0.5	7/0	45 cm	<i>white</i> OP71
2 x VSP 8 mm 300 µm 	0.7	6/0	45 cm	<i>white</i> OP61
2 x VSP 8 mm 350 µm 	1	5/0	45 cm	<i>white</i> OP51
2 x VSP 8 mm 350 µm 	1.5	4/0	45 cm	<i>white</i> OP41


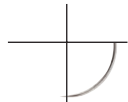












 Side cutting spatula double armed	Metric	USP	Length	Order number
3/8 circle  2 x DSP 6.4 mm 200 µm	0.2	10/0	30 cm	<i>blue</i> OPP105
	0.3	9/0	30 cm	<i>blue</i> OPP95

 Side cutting spatula	Metric	USP	Length	Order number
3/8 circle  DSP 6 mm 200 µm	0.5	7/0	45 cm	<i>blue</i> OPP71-1

 Side cutting spatula double armed	Metric	USP	Length	Order number
1/4 circle  2 x VSP 8 mm 300 µm	0.7	6/0	45 cm	<i>blue</i> OPP62
	0.2	10/0	20 cm	<i>blue</i> OPP116

 Side cutting spatula	Metric	USP	Length	Order number
1/4 circle  VSP 16 mm 150 µm	0.2	10/0	10 cm	<i>blue</i> OPP103

 Side cutting spatula loop double armed	Metric	USP	Length	Order number
1/4 circle  VSP 15.3 mm 150 µm	0.2	10/0	20 cm	<i>blue</i> OPP113L-2
	0.2	10/0	20 cm	<i>blue</i> OPP103L-2

 Side cutting spatula loop	Metric	USP	Length	Order number
1/4 circle  VSP 16 mm 150 µm 	0.2	10/0	20 cm	<i>blue</i> OPP103L
 Side cutting spatula double armed	Metric	USP	Length	Order number
Straight  2 x GSP 16.15 mm 150 µm 	0.2	10/0	20 cm	<i>blue</i> OPP101
	0.3	9/0	20 cm	<i>blue</i> OPP91
 Side cutting spatula loop	Metric	USP	Length	Order number
Straight  GSP 16.15 mm 150 µm 	0.2	10/0	15 cm	<i>blue</i> OPP110
 Side cutting spatula double armed	Metric	USP	Length	Order number
Straight  GSP 16 mm 150 µm DSP 4 mm 100 µm 	0.2	10/0	10 cm	<i>blue</i> OPP102
	3/8 circle  GSP 16 mm 150 µm DSP 5 mm 150 µm 	0.2	10/0	20 cm



MICROSURGERY


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DACLON NYLON

 Micro needle taper point	Metric	USP	Length	Order number
MDR 3.8 mm 70 µm	0.1	11/0	10 cm	<i>black</i> MN113
	0.2	10/0	10 cm	<i>black</i> MN103
MDR 3.8 mm 100 µm	0.1	11/0	10 cm	<i>black</i> MN112
	0.2	10/0	15 cm	<i>black</i> MN105
	0.3	9/0	15 cm	<i>black</i> MN094
MDR 5.1 mm 70 µm	0.2	10/0	10 cm	<i>black</i> MN104
	0.2	10/0	15 cm	<i>black</i> MN106
MDR 5.1 mm 100 µm	0.3	9/0	15 cm	<i>black</i> MN096
	0.2	10/0	15 cm	<i>black</i> MN1011
MDR 6.4 mm 140 µm	0.3	9/0	15 cm	<i>black</i> MN098
	0.4	8/0	15 cm	<i>black</i> MN087
MDR 9.7 mm 200 µm	0.5	7/0	45 cm	<i>black</i> MN078


3/8 circle



MICROSURGERY




POLYPROPYLENE

BLUE

 Micro needle taper point	Metric	USP	Length	Order number
MDR 3.75 mm 150 µm	0.2	10/0	13 cm	<i>blue</i> MP109
MDR 5.1 mm 100 µm	0.2	10/0	15 cm	<i>blue</i> MP106
	0.4	8/0	75 cm	<i>blue</i> MP085
MDR 6 mm 150 µm	0.3	9/0	15 cm	<i>blue</i> MP097

3/8 circle



 Micro needle taper point	Metric	USP	Length	Order number
<p>3/8 circle</p>  <p>MDR 6.4 mm 150µm</p> 	0.4	8/0	20 cm	<i>violet</i> M910087



SPECIALITY PRODUCTS

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Skin Stapler & Remover

INDICATIONS:

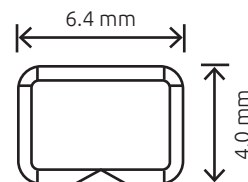
SMI Skin Stapler can be used for a variety of skin closures.

BENEFITS:

- ☑ *Ergonomic and user friendly design*
- ☑ *Clear view of operating site*
- ☑ *Easy to check remaining staples*

1. Skin Stapler with 35 Wide Staples **ZS35W**
2. Single use staple remover **ZSR**
3. Single use staple remover 2 **ZSR2**

Staple size



Biopsy Punch

Sterile biopsy punch for accurate and gentle skin biopsies
Seamless stainless steel sharp cutting edge
Ribbed handle for sure grip and control



Ø 2 mm	25 pc.	ZBP2
Ø 3 mm	25 pc.	ZBP3
Ø 4 mm	25 pc.	ZBP4
Ø 5 mm	25 pc.	ZBP5
Ø 6 mm	25 pc.	ZBP6
Ø 8 mm	25 pc.	ZBP8
Ø 10 mm	25 pc.	ZBP10
Ø 12 mm	25 pc.	ZBP12

Surgical suture rack

Rack & drawer for rack



The flexible racking system keeps your sutures organized and easily accessible during surgery.

The interchangeable pieces allow for assembly into multiple configurations.

1 rack for 2 horizontal suture boxes
(125 mm x 72 mm x 143 mm) **Z070**

Drawer for rack **Z071**

Polypropylene mesh

INDICATIONS:

Reinforcement of the abdominal wall

- Hernia
- Eventration

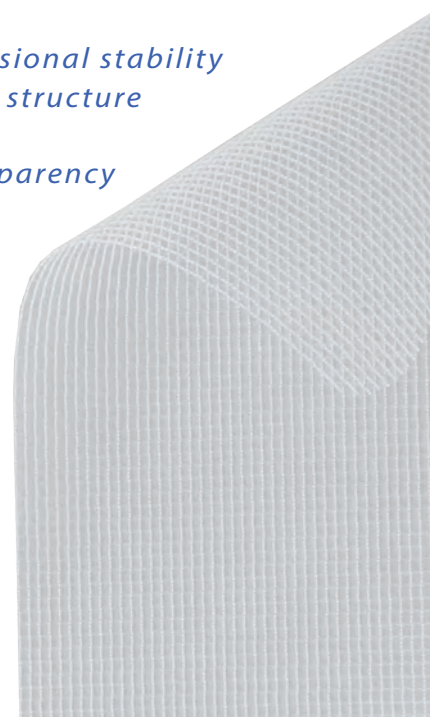
via celioscopy or laparotomy

COMPOSITION:

Monofilament polypropylene knitted into an elastic, durable mesh

BENEFITS:

- ✓ *Extreme dimensional stability*
- ✓ *Very thin mesh structure*
- ✓ *Ideal porosity*
- ✓ *Excellent transparency*
- ✓ *Good handling*
- ✓ *Easy to cut*
- ✓ *Well tolerated*



Square & Rectangular Mesh

STANDARD MESH 5 pc.	5 cm x 10 cm	ZMS0510
	6 cm x 11 cm	ZMS0611
	7.5 cm x 15 cm	ZMS07515
	10 cm x 15 cm	ZMS1015
	15 cm x 15 cm	ZMS1515
	30 cm x 30 cm	ZMS3030

Skin Marker

For general purpose skin marking. Indelible gentian violet ink. Biocompatible, non toxic and non-irritating. With ruler in centimetres and inches.

ZSM20 Dual tip, regular and fine tip skin marker with ruler, sterile



Pilomat

Tablet Crusher Z045

To crush tablets with a simple flick of the wrist.






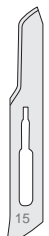

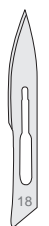









Tablet Splitter Z044

To cut tablets of any size in two.



Surgical blades & scalpel handles

For blade handle N° 3								
	N° 10	N° 11	N° 12	N° 12d	N° 13	N° 15	N° 15c	
Surgical blades without handle	ZB10	ZB11	ZB12	ZB12d	ZB13	ZB15	ZB15c	
Surgical blades with plastic handle	ZBD10	ZBD11	ZBD12			ZBD15		
For blade handle N° 4								
	N° 18	N° 19	N° 20	N° 21	N° 22	N° 23	N° 24	N° 25
Surgical blades without handle	ZB18	ZB19	ZB20	ZB21	ZB22	ZB23	ZB24	ZB25
Surgical blades with plastic handle			ZBD20	ZBD21	ZBD22	ZBD23	ZBD24	



COMPOSITION:
Carbon Steel

PRESENTATION:
Individual sterile foil packs

without handle 100 / box
with plastic handle 10 / box

Stitch Cutter



ZBS

Scalpel handles

COMPOSITION: Stainless Steel

PRESENTATION: 10/ box



N° 3 **ZBH3**



N° 4 **ZBH4**

SMI Spon

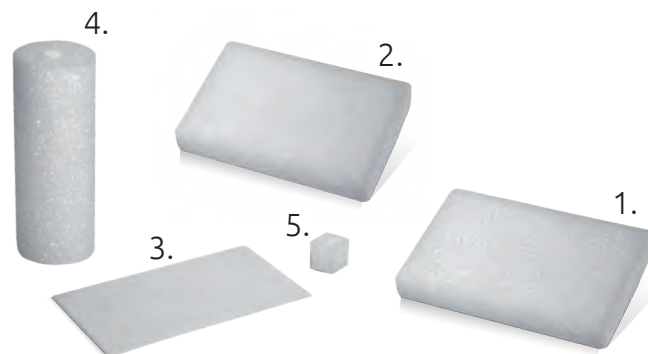
Absorbable Haemostatic Gelatin Sponge

COMPOSITION:

Highly purified first grade gelatine material

INDICATIONS:

For use in various surgical procedures. Intended for haemostatic use by applying to a bleeding surface. Non pyrogenic and biocompatible.



1. STANDARD	80 x 50 x 10 mm	ZHG805010	4. TAMPON	80 x 30 mm DIA	ZHG8030
2. REGULAR	70 x 50 x 10 mm	ZHG705010	5. DENTAL CUBE	10 x 10 x 10 mm	ZHG101010
3. SPECIAL	80 x 50 x 1 mm	ZHG805001	6. FILM	200 x 70 x 0.5 mm	ZHG20070005

SMI-CEL

Absorbable Hemostat – Oxidized Regenerated Cellulose

COMPOSITION:

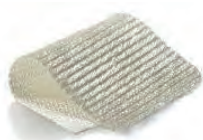
Sterile absorbable knitted fabric prepared by the controlled oxidation of regenerated cellulose

INDICATIONS:

Used adjunctively in surgical procedures to assist in the control of capillary, venous, and small arterial bleeding
Biocompatible, providing rapid hemostasis and absorbed by the body within 7 - 14 days

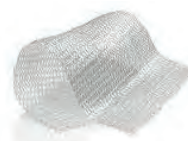
SMI-CEL STANDARD

1.25 cm x 5 cm	12 pc.	ZHCS012050
5 cm x 7.5 cm	12 pc.	ZHCS050075
5.1 cm x 35.6 cm	12 pc.	ZHCS051356
7.5 cm x 10 cm	12 pc.	ZHCS075100
10 cm x 20 cm	12 pc.	ZHCS100200



SMI-CEL FIBRIL

2.6 cm x 5.1 cm	10 pc.	ZHCF026051
5.1 cm x 10.2 cm	10 pc.	ZHCF051102
10.2 cm x 10.2 cm	10 pc.	ZHCF102102



SMI-CEL KNIT

2.6 cm x 2.6 cm	12 pc.	ZHCK026026
7.6 cm x 10.2 cm	12 pc.	ZHCK076102
15.2 cm x 22.9 cm	12 pc.	ZHCK152229
10.2 x 10.2 cm	12 pc.	ZHCK102102



Bone Wax



12 x 2.5 g Z046

COMPOSITION:

Refined white beeswax, paraffin and isopropyl palmitate

INDICATIONS:

Used in the control of bleeding from bone surfaces by acting as a mechanical barrier.


PRESENTATION:

2.5 g plates individually wrapped
12 in one box, sterile

Cervix set


Shirodkar cervix suture set

2 x blunt needle 

	2 x HRB 50 mm	4 mm polyester tape 40 cm	ZCE1
		4 mm polyester tape 50 cm	ZCE4
	2 x HRB 65 mm	4 mm polyester tape 50 cm	ZCE3

Cervix suture set according to Mc. Donald / Wurm-Hefner techniques

2 x round bodied needle taper cutting point 

	2 x HRT 48 mm	EP 6 / USP 8 polyester green thread 75 cm	ZCE9
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nylon tape

3 mm nylon tape 70 cm	ZCE06
6 mm nylon tape 70 cm	ZCE07
6 mm nylon tape 100 cm	ZCE09

polyester tape

4 mm wide 75 cm	ZCE08
4 mm wide 2 x 75 cm	ZCE08-2

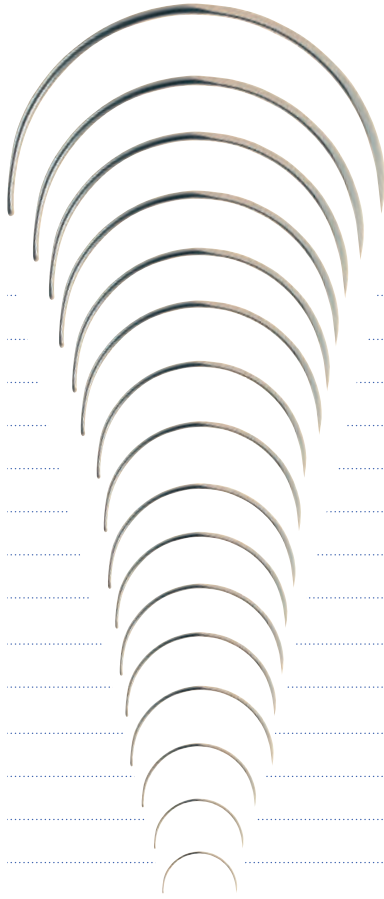
Bühner band



Polyester tape 6.5 mm x 80 cm, sterile ZCE20

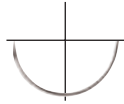
- Vaginal tape*
- Umbilical tape*
- Bühner band*

Needles



12 in one box

1/2 CIRCLE



Ordinary Eye
GN



Spring Eye
GF



Ordinary Eye
GRN



Spring Eye
GRF



90 mm N°00		Z 751		Z 850
80 mm N°1	Z 702	Z 752		Z 851
70 mm N°2	Z 703	Z 753		Z 853
65 mm N°3	Z 704			
60 mm N°4		Z 755		Z 855
55 mm N°6	Z 706	Z 756	Z 806	Z 856
50 mm N°7		Z 758	Z 807	Z 858
48 mm				Z 840
45 mm N°8	Z 708	Z 759	Z 808	Z 859
40 mm N°9	Z 710	Z 760	Z 810	Z 860
37 mm		Z 746		
35 mm N°10	Z 711	Z 761	Z 811	Z 861
32 mm N°11		Z 745		
30 mm N°12	Z 712	Z 762	Z 812	Z 862
25 mm N°13	Z 713	Z 763	Z 813	Z 863
20 mm N°15	Z 714	Z 764	Z 814	Z 864
16 mm N°16		Z 766		Z 866

SERPENTINE NEEDLE



Ordinary Eye GSN



145 mm

Z 402

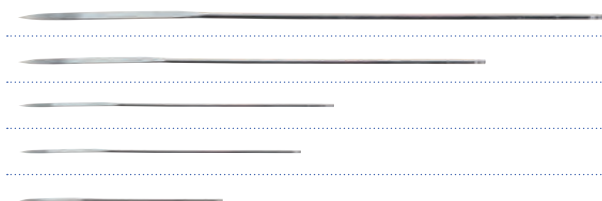
135 mm

Z 401

110 mm

Z 403

STRAIGHT NEEDLE



Ordinary Eye
GSN



Spring Eye
GSF



75 mm N° 1

Z 904

60 mm N° 4

Z 903

Z 913

45 mm N° 8

Z 902

40 mm N° 9

Z 912




35 mm N° 10

Z 911

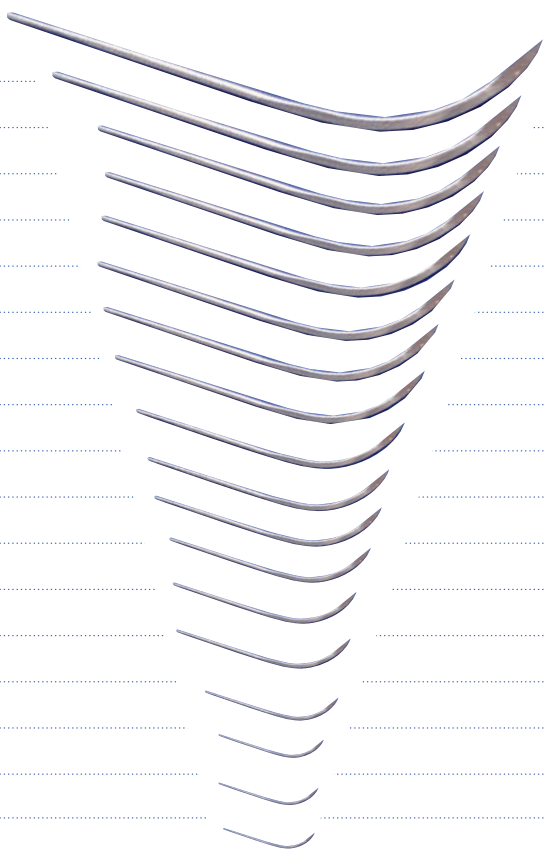


3/8 CIRCLE



					
	Ordinary Eye BN	Spring Eye BF	Ordinary Eye BRN	Spring Eye BRF	Ordinary Eye BRT
200 mm	Z 400				
130 mm N°6-0	Z 495		Z 595		
110 mm N°4-0			Z 599		
100 mm N°000	Z 500	Z 550		Z 650	
90 mm N°00	Z 501	Z 551	Z 601	Z 651	Z 301
90 mm LIGHT N°00	Z 502		Z 602		
85 mm N°0			Z 590		
80 mm N°1	Z 503	Z 552	Z 591		Z 303
70 mm N°2	Z 504	Z 553	Z 603	Z 653	
70 mm LIGHT N°2	Z 504L				
65 mm N°3			Z 604		
60 mm N°4	Z 505	Z 555		Z 655	
57 mm N°5	Z 506		Z 605		
55 mm N°6		Z 556		Z 656	
50 mm N°7		Z 557	Z 607	Z 657	
45 mm N°8	Z 508	Z 558	Z 608	Z 658	
40 mm N°9	Z 510	Z 560	Z 610	Z 660	
35 mm N°10	Z 511	Z 561	Z 611	Z 661	
32 mm N°11		Z 570		Z 670	
30 mm N°12	Z 512	Z 562	Z 612	Z 662	
25 mm N°13	Z 513	Z 563	Z 613	Z 663	
22 mm N°14		Z 571		Z 671	
20 mm N°15	Z 514	Z 564	Z 614	Z 664	
16 mm N°16	Z 516	Z 566		Z 666	
14 mm N°17		Z 567		Z 667	
12 mm N°20		Z 568		Z 668	

SKI NEEDLES HALF CURVED



Ordinary Eye



Spring Eye



80 mm N°1	Z 202	
70 mm N°2	Z 203	
65 mm N°3	Z 204	
60 mm N°4	Z 205	
57 mm N°5	Z 201	
55 mm N°6	Z 206	
50 mm N°7	Z 207	
45 mm N°8	Z 208	
40 mm N°9		Z 260
35 mm N°10		Z 261
32 mm N°11		Z 270
30 mm N°12		Z 262
25 mm N°13		Z 263
22 mm N°14		Z 271
20 mm N°15		Z 264
16 mm N°16		Z 266
14 mm N°17		Z 267
12 mm N°20		Z 268

POST MORTEM SKI NEEDLES



Ordinary Eye



130 mm 5"	Z 281
100 mm 4"	Z 282

POST MORTEM NEEDLES 3/8 CIRCLE



Ordinary Eye



150 mm 6"	Z 480
130 mm 5"	Z 481
100 mm 4"	Z 482