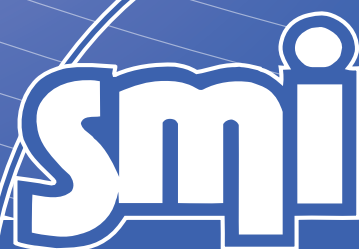


smi

SUTURE MATERIALS

*For quality
&
safety*



smi

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

suture material

- 1 CATGUT Plain
- 2 CATGUT Chrom
- 4 SUPRAMID
- 5 POLYPROPYLENE
- 7 POLYESTER
- 8 SILK
- 9 DACLON Nylon
- 10 STEEL Monofilament
- 11 SURGICRYL[®] PGA Polyglycolic acid
- 13 SURGICRYL[®] Monofilament Polydioxanone
- 14 SURGICRYL[®] Rapid Polyglycolic acid
- 15 SURGICRYL[®] 910 Polyglactine
- 16 SURGICRYL[®] Monofast Polyglecaprone

thread size

metric EP

needle type

-  03 5/8 circle • round bodied • taper point FR
-  01 1/2 circle • round bodied • taper point HR
-  09 1/2 circle • round bodied • taper point • loop HR
-  02 3/8 circle • round bodied • taper point DR
-  35 3/8 circle • round bodied micro needle • taper point MDR
-  07 1/4 circle • round bodied • taper point VR
-  20 straight • round bodied • taper point GR
-  30 J-needle • round bodied • taper point JR
-  05 1/2 circle • round bodied • taper cutting point HRT
-  04 3/8 circle • round bodied • taper cutting point DRT
-  31 J-needle • round bodied • taper cutting point JRT
-  I 26 3/8 circle • soft cutting point • coronary CC
-  14 1/2 circle • reverse cutting HS
-  15 3/8 circle • reverse cutting DS
-  21 straight • reverse cutting GS
-  16 1/2 circle • cutting NH
-  17 3/8 circle • cutting NS
-  22 1/2 circle • side cutting spatula HSP
-  23 3/8 circle • side cutting spatula DSP
-  24 1/4 circle • side cutting spatula VSP
-  25 straight • side cutting spatula GSP
-  18 1/2 circle • round bodied • blunt needle HRB
-  19 3/8 circle • round bodied • blunt needle DRB
-  I 00 without needle

needle length

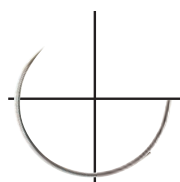
mm

double armed

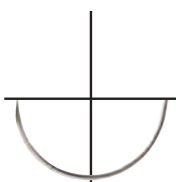
- U undyed suture material
- P Easy Pass needle
- VB black needle

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.

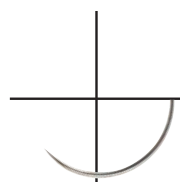
5/8 CIRCLE



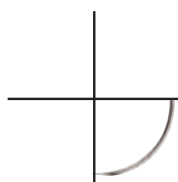
1/2 CIRCLE



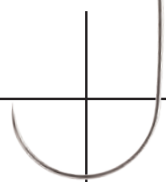
3/8 CIRCLE



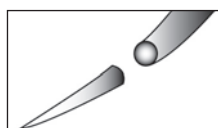
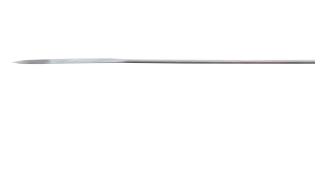
1/4 CIRCLE



J-NEEDLE

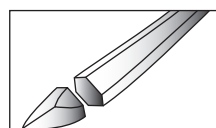


STRAIGHT



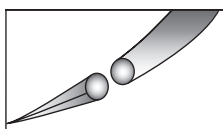
TAPER POINT

A gradual taper to a round bodied needle.



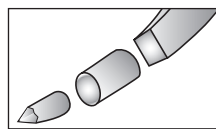
SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



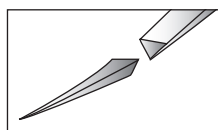
TAPER CUTTING POINT

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



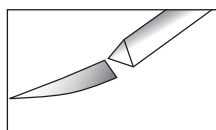
SOFT CUTTING POINT - CORONARY

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



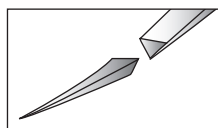
REVERSE CUTTING

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



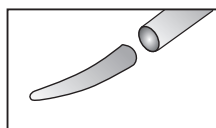
CONVENTIONAL CUTTING

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



EASY PASS NEEDLE

Precision point with extra sharpening.

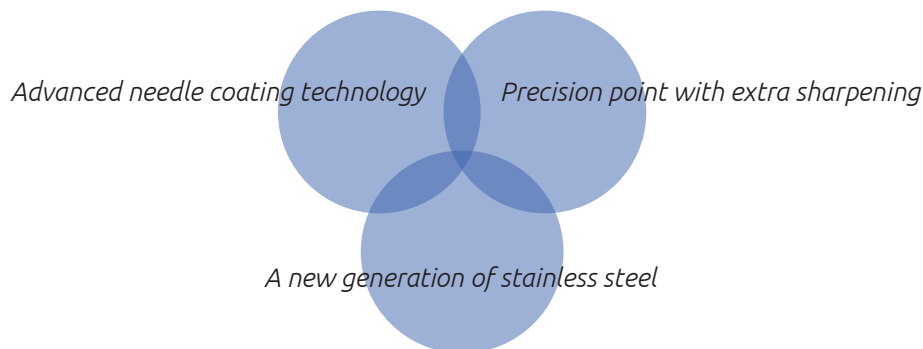


BLUNT NEEDLE

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

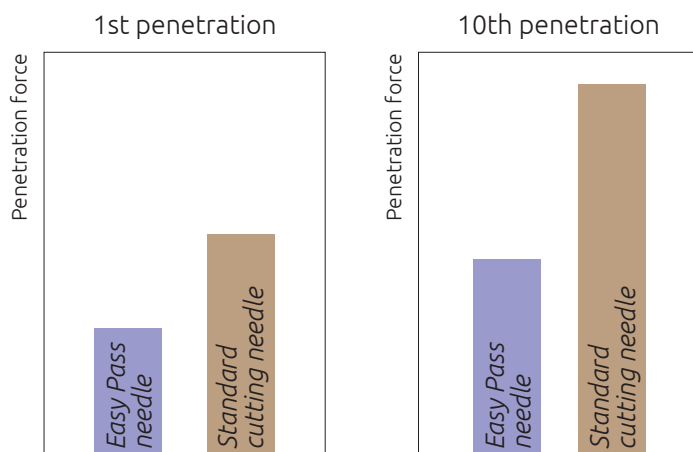
Excellent penetration to reduce patient trauma and to maintain intimal integrity
Optimal and predicable penetration
Long-lasting sharpness over a multiplicity of passes

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

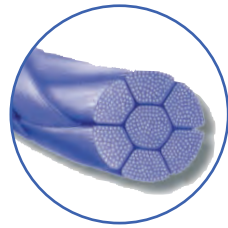
INDICATIONS Cosmetic and plastic surgery

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

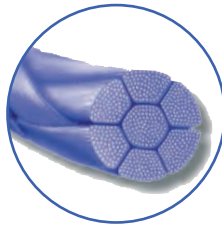


SUTURE MATERIALS

ABSORBABLE SUTURES



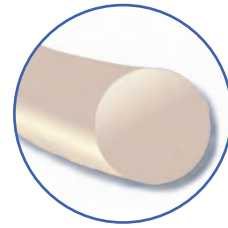
SURGICRYL®
910
POLYGLACTINE



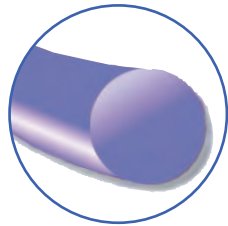
SURGICRYL®
PGA
POLYGLYCOLIC ACID



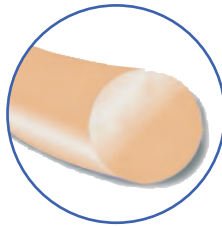
SURGICRYL®
RAPID
POLYGLYCOLIC ACID



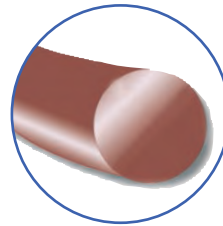
SURGICRYL®
MONOFAST
POLYGLICAPRONE 25



SURGICRYL®
MONOFILAMENT
POLYDIOXANONE

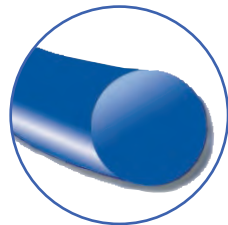


CATGUT
PLAIN



CATGUT
CHROM

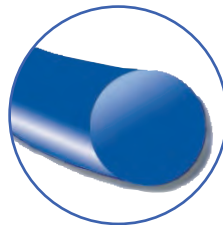
NON-ABSORBABLE SUTURES



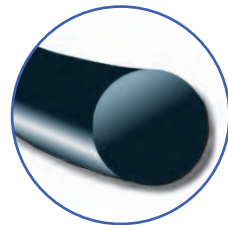
POLYPROPYLENE
BLUE



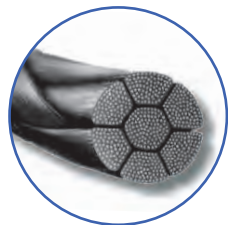
POLYESTER



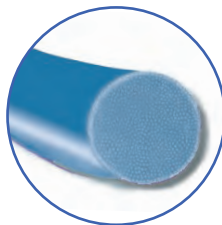
DACLON
NYLON
BLUE



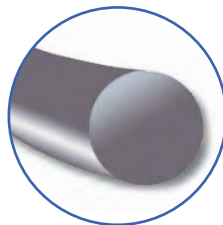
DACLON
NYLON
BLACK



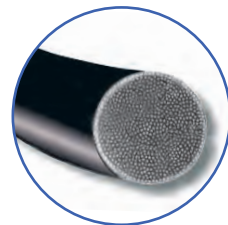
SILK
BRAIDED
BLACK



SILK
VIRGIN
BLUE



STEEL
MONOFILAMENT



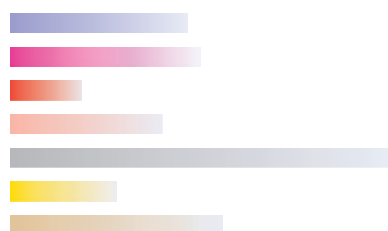
SUPRAMID
BLACK

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
-  SUPRAMID Polyamide
-  SILK Braided
-  POLYESTER
-  STEEL Monofilament

Ophthalmic surgery

absorbable

-  SURGICRYL® PGA Polyglycolic acid
-  SURGICRYL® 910 Polyglactine

non-absorbable

-  SILK Braided
-  DACLON Nylon
-  POLYESTER
-  POLYPROPYLENE

Speciality products

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

Skin marker
Bone wax
SMI Spon - absorbable haemostatic gelatin sponge
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

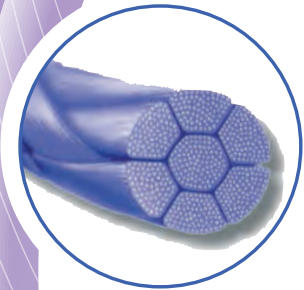
non-absorbable

-  SILK Braided black
-  SUPRAMID Polyamide white
-  SUPRAMID Polyamide black
-  LINAFILE 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



*For quality
&
safety*





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

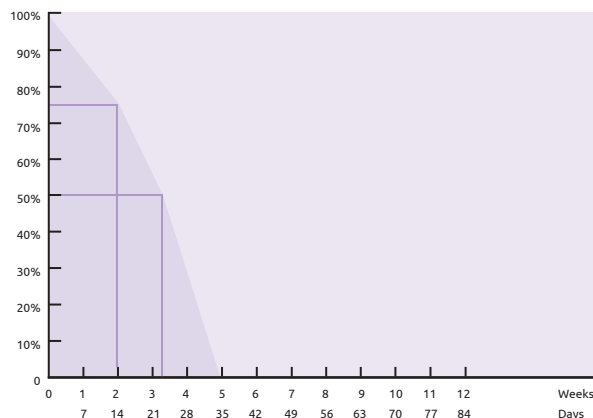
INDICATIONS General soft tissue closing and/or ligation
especially in General surgery
Skin closure
Gastrointestinal surgery
Plastic surgery
Ophthalmic surgery
Gynaecology
Obstetrics
Orthopaedics
Urology

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery

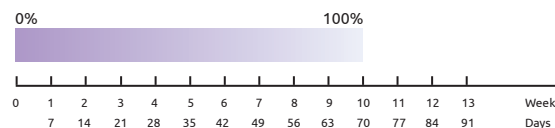
Being absorbable not to use when an extended wound support is required.

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
1.5	4/0	12 x 45 cm	<i>violet</i>	15150045
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
4	1	7 x 75 cm	<i>violet</i>	15400075



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



Round bodied taper point

1/2 circle



		Metric	USP	Length		Order number
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
		5	2	90 cm	<i>violet</i>	15500148
HR 60 mm		4	1	75 cm	<i>violet</i>	15400160
		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

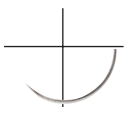
1/2 circle



		Metric	USP	Length		Order number
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 9 mm		0.4	8/0	45 cm	<i>violet</i>	15040209
		0.5	7/0	45 cm	<i>violet</i>	15050209	
	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		2	3/0	75 cm	<i>violet</i>	15200222
	DR 30 mm		4	1	75 cm	<i>violet</i>	15400230
	DR 32 mm		3	2/0	90 cm	<i>violet</i>	15300232
			3.5	0	75 cm	<i>violet</i>	15350232

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

	Reverse cutting		Metric	USP	Length		Order number
3/8 circle 	DS 12 mm		0.7	6/0	45 cm	violet	15071512
			1	5/0	45 cm	violet	15101512 
			1.5	4/0	45 cm	violet	15151512 
	DS 16 mm		0.7	6/0	45 cm	violet	15071516
			1	5/0	75 cm	violet	15101516
			1.5	4/0	75 cm	violet	15151516 
			2	3/0	45 cm	violet	15201516-45
	DS 16 mm Easy Pass		2	3/0	50 cm	undyed	15201516UP



Reverse cutting

Metric

USP

Length

Order number

3/8 circle



DS 16 mm black		0.7	6/0	45 cm	violet	15071516VB
DS 19 mm		1	5/0	75 cm	violet	15101519
		1.5	4/0	75 cm	violet	15151519
		2	3/0	75 cm	violet	15201519
DS 19 mm Easy Pass		1.5	4/0	50 cm	undyed	15151519UP
		2	3/0	50 cm	undyed	15201519UP
DS 19 mm black		1	5/0	75 cm	violet	15101519VB
		1.5	4/0	75 cm	violet	15151519VB
DS 24 mm		1.5	4/0	75 cm	violet	15151524
		2	3/0	75 cm	violet	15201524
		3	2/0	75 cm	violet	15301524
		3.5	0	75 cm	violet	15351524
DS 24 mm Easy Pass		2	3/0	50 cm	undyed	15201524UP
DS 26 mm		2	3/0	75 cm	violet	15201526
		3	2/0	75 cm	violet	15301526
DS 26 mm Easy Pass		2	3/0	75 cm	undyed	15201526UP
		3	2/0	75 cm	undyed	15301526UP-75
DS 30 mm		2	3/0	75 cm	violet	15201530
		3	2/0	75 cm	violet	15301530
		3	2/0	90 cm	violet	15301530-90
		3.5	0	75 cm	violet	15351530
		3.5	0	90 cm	violet	15351530-90
		4	1	90 cm	violet	15401530-90
DS 30 mm Easy Pass		3	2/0	75 cm	undyed	15301530UP-75
DS 36 mm		3	2/0	75 cm	violet	15301536
		3.5	0	75 cm	violet	15351536
		4	1	75 cm	violet	15401536
DS 36 mm Easy Pass		2	3/0	75 cm	violet	15201536P
DS 40 mm		3.5	0	75 cm	violet	15351540
		4	1	75 cm	violet	15401540
DS 45 mm		3	2/0	75 cm	violet	15301545
DS 80 mm		7	5	150 cm	violet	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
		3	2/0	75 cm	<i>violet</i>	15300526
HRT 30 mm		3	2/0	75 cm	<i>violet</i>	15300530
		3.5	0	75 cm	<i>violet</i>	15350530
		4	1	75 cm	<i>violet</i>	15400530
HRT 36 mm		3	2/0	90 cm	<i>violet</i>	15300536
		3.5	0	90 cm	<i>violet</i>	15350536
		4	1	90 cm	<i>violet</i>	15400536
HRT 40 mm		3.5	0	90 cm	<i>violet</i>	15350540
		4	1	90 cm	<i>violet</i>	15400540
		5	2	90 cm	<i>violet</i>	15500540
HRT 48 mm		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



1/2 circle



DRT 13 mm		1	5/0	75 cm	<i>violet</i>	15100530-0413
HRT 30 mm						



Cutting

		Metric	USP	Length		Order number
Straight	GS 60 mm	2	3/0	75 cm	<i>violet</i>	15202160
		3	2/0	75 cm	<i>violet</i>	15302160



Blunt

		Metric	USP	Length		Order number
1/2 circle	HRB 36 mm	3.5	0	90 cm	<i>violet</i>	15351836
		4	1	90 cm	<i>violet</i>	15401836
	HRB 40 mm	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
3/8 circle	DRB 63 mm	4	1	100 cm	<i>violet</i>	15401963
	DRB 85 mm	5	2	75 cm	<i>violet</i>	15501985

SURGICRYL[®]

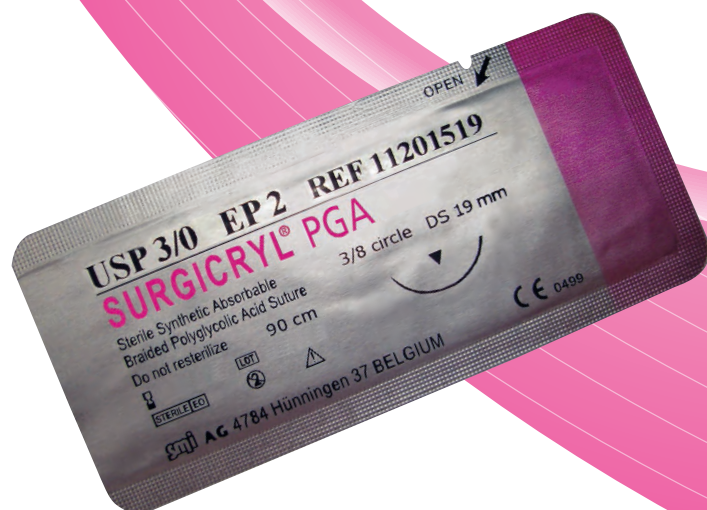
PGA

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*

smi

www.sutures.be

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

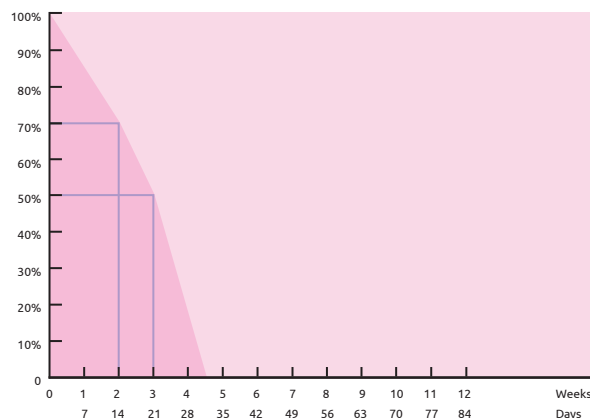
INDICATIONS General soft tissue closing and/or ligation
especially in General surgery
Skin closure
Gastrointestinal surgery
Gynaecology
Obstetrics
Plastic surgery
Urology
Ophthalmic surgery
Orthopaedics

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery

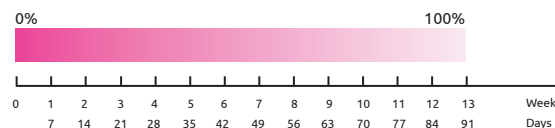
Being absorbable not to use when an extended wound support is required.

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
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	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
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
3	2/0	10 x 60 cm	<i>violet</i>	11300060
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



Without needle

Ligapack



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

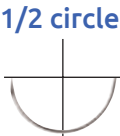


Round bodied taper point

1/2 circle



	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 20 mm	3	2/0	75 cm	<i>violet</i>	11300120
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
HR 30 mm	2	3/0	75 cm	<i>violet</i>	11200130
	3	2/0	75 cm	<i>violet</i>	11300130
	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
	4	1	90 cm	<i>violet</i>	11400136

 Round bodied taper point	Metric	USP	Length		Order number
 1/2 circle	HR 40 mm 	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
		5	2	75 cm	<i>violet</i> 11500140-75
		5	2	90 cm	<i>violet</i> 11500140
	HR 48 mm 	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
		5	2	90 cm	<i>violet</i> 11500148
		6	3&4	90 cm	<i>violet</i> 11600148

 Round bodied taper point	Metric	USP	Length		Order number
 3/8 circle	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
 5/8 circle	FR 27 mm 	3	2/0	75 cm	<i>violet</i> 11300327

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

 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			
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

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



Reverse cutting

3/8 circle



		Metric	USP	Length		Order number
3/8 circle	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
	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

Reverse cutting		Metric	USP	Length		Order number
3/8 circle 	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

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
			3	2/0	75 cm	<i>undyed</i> 11301422U
	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
			3.5	0	75 cm	<i>violet</i> 11351426
	HS 30 mm		2	3/0	75 cm	<i>violet</i> 11201430
			3	2/0	75 cm	<i>violet</i> 11301430
			5	2	90 cm	<i>violet</i> 11501430
	HS 36 mm		3	2/0	90 cm	<i>violet</i> 11301436
			3.5	0	90 cm	<i>violet</i> 11351436
			4	1	90 cm	<i>violet</i> 11401436
			5	2	90 cm	<i>violet</i> 11501436
	HS 40 mm		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
		3	2/0	75 cm	<i>undyed</i>	11302160U

 Cutting		Metric	USP	Length		Order number
3/8 circle 	NS 16 mm 	1	5/0	45 cm	<i>violet</i>	11101716

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

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

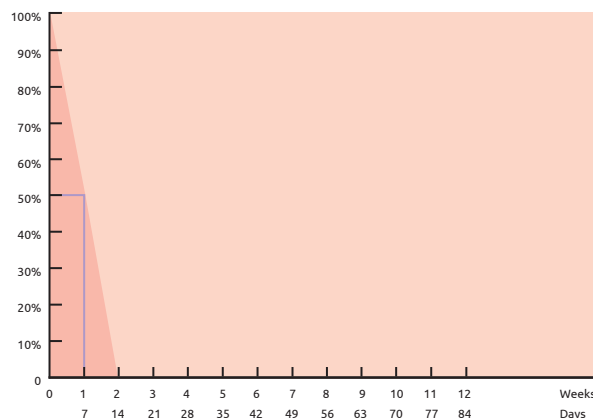
CONTRAINDICATIONS

Cardiovascular surgery
Neurosurgery
Ligation

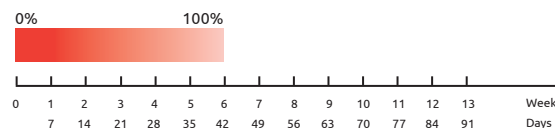
When wound support for more than 7 days is required.

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	undyed	14200015
3	2/0	150 cm	undyed	14300015
3.5	0	150 cm	undyed	14350015
4	1	150 cm	undyed	14400015
5	2	150 cm	undyed	14500015



Round bodied taper point

Metric USP Length Order number

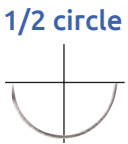
1/2 circle



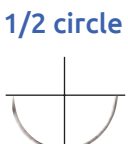
HR 13 mm		1	5/0	75 cm	undyed	14100113
HR 17 mm		1	5/0	75 cm	undyed	14100117
		1.5	4/0	75 cm	undyed	14150117
HR 22 mm		2	3/0	75 cm	undyed	14200117
		1.5	4/0	75 cm	undyed	14150122
HR 26 mm		2	3/0	75 cm	undyed	14200122
		3	2/0	75 cm	undyed	14300122
HR 30 mm		2	3/0	75 cm	undyed	14200126
		3	2/0	75 cm	undyed	14300126
		3.5	0	75 cm	undyed	14350126
HR 36 mm		2	3/0	75 cm	undyed	14200130
		3	2/0	75 cm	undyed	14300130
		3.5	0	75 cm	undyed	14350130
HR 40 mm		3	2/0	75 cm	undyed	14300136
		3.5	0	90 cm	undyed	14350136
		4	1	90 cm	undyed	14400136
HR 48 mm		3	2/0	75 cm	undyed	14300140
		3.5	0	90 cm	undyed	14350140
		4	1	90 cm	undyed	14400140
HR 48 mm		5	2	90 cm	undyed	14500140
		3	2/0	75 cm	undyed	14300148
		3.5	0	90 cm	undyed	14350148
HR 48 mm		4	1	90 cm	undyed	14400148
		5	2	90 cm	undyed	14500148

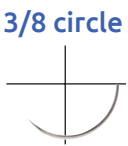
Reverse cutting			Metric	USP	Length	Order number
 3/8 circle	DS 12 mm		0.7	6/0	75 cm	undyed 14071512
			1	5/0	75 cm	undyed 14101512
			1.5	4/0	75 cm	undyed 14151512
	DS 12 mm Easy Pass		0.7	6/0	50 cm	undyed 14071512P
			1	5/0	50 cm	undyed 14101512P
			1.5	4/0	50 cm	undyed 14151512P
	DS 16 mm		1	5/0	75 cm	undyed 14101516
			1.5	4/0	75 cm	undyed 14151516
	DS 16 mm black		2	3/0	45 cm	undyed 14201516
			1	5/0	75 cm	undyed 14101516VB
	DS 19 mm		1	5/0	75 cm	undyed 14101519
			1.5	4/0	75 cm	undyed 14151519
			2	3/0	75 cm	undyed 14201519
	DS 19 mm Easy Pass		3	2/0	75 cm	undyed 14301519
			1.5	4/0	50 cm	undyed 14151519P
			2	3/0	50 cm	undyed 14201519P
	DS 19 mm black		1.5	4/0	75 cm	undyed 14151519VB
			2	3/0	75 cm	undyed 14201519VB
	DS 24 mm		2	3/0	75 cm	undyed 14201524
			3	2/0	75 cm	undyed 14301524
	DS 24 mm Easy Pass		3	2/0	50 cm	undyed 14301524P
	DS 26 mm		2	3/0	75 cm	undyed 14201526
			3	2/0	75 cm	undyed 14301526
			3.5	0	75 cm	undyed 14351526
	DS 30 mm		3.5	0	90 cm	undyed 14351530
	DS 36 mm		3	2/0	75 cm	undyed 14301536
			3.5	0	75 cm	undyed 14351536

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 2 x USP 0 – HRT 40 mm – 90 cm	undyed	S-1430-1435
 1/2 circle				

 Reverse cutting		Metric	USP	Length		Order number
	HS 17 mm	1.5	4/0	45 cm	undyed	14151417
		2	3/0	45 cm	undyed	14201417
	HS 36 mm	3	2/0	75 cm	undyed	14301436
		3.5	0	75 cm	undyed	14351436
	HS 40 mm	3.5	0	90 cm	undyed	14351440
		4	1	90 cm	undyed	14401440
		5	2	90 cm	undyed	14501440

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

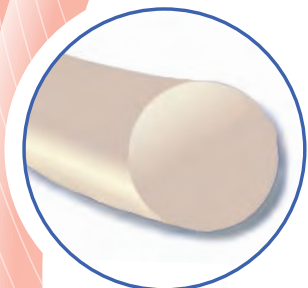
 Round bodied taper cutting point		Metric	USP	Length		Order number
	HRT 17 mm	2	3/0	75 cm	undyed	14200517
	HRT 26 mm	2	3/0	75 cm	undyed	14200526
		3	2/0	75 cm	undyed	14300526
	HRT 36 mm	3	2/0	90 cm	undyed	14300536
		3.5	0	90 cm	undyed	14350536
		4	1	90 cm	undyed	14400536
	HRT 40 mm	3	2/0	90 cm	undyed	14300540
		3.5	0	90 cm	undyed	14350540
		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
	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

POLYGLECAPRONE 25



Type	Monofilament
Composition	Polyglecaprone 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*

smi

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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

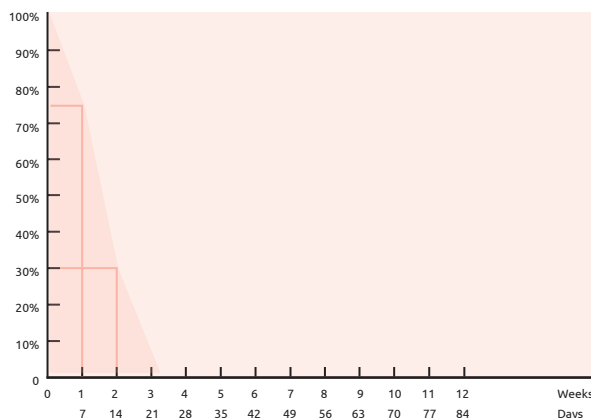
INDICATIONS Superficial soft tissue and/or ligation
 especially in General surgery
 Skin closure
 Plastic surgery
 Gastrointestinal surgery
 Gynaecology
 Urology

CONTRAINDICATIONS Cardiovascular surgery
 Neurosurgery
 Ophthalmic surgery

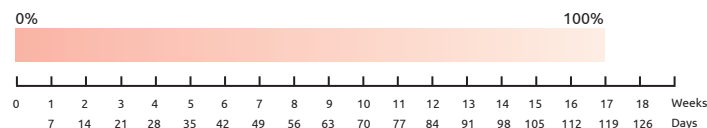
Being absorbable not to use when an extended wound support is required.

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

TENSILE STRENGTH

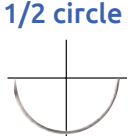


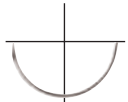
ABSORPTION



 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
		1.5	4/0	75 cm	<i>violet</i> 16150113
	HR 17 mm	1	5/0	45 cm	<i>violet</i> 16100117
		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
		3	2/0	75 cm	<i>violet</i> 16300122
	HR 26 mm	1.5	4/0	75 cm	<i>violet</i> 16150126 
		2	3/0	75 cm	<i>violet</i> 16200126
		3	2/0	75 cm	<i>violet</i> 16300126
		3.5	0	75 cm	<i>violet</i> 16350126
		4	1	75 cm	<i>violet</i> 16400126
	HR 30 mm	2	3/0	75 cm	<i>violet</i> 16200130
		3	2/0	75 cm	<i>violet</i> 16300130
		3.5	0	75 cm	<i>violet</i> 16350130
		4	1	75 cm	<i>violet</i> 16400130
	HR 36 mm	3	2/0	75 cm	<i>violet</i> 16300136
		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
		4	1	90 cm	<i>violet</i> 16400140

 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
	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
	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
3/8 circle 	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
	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
		3	2/0	75 cm	<i>undyed</i>	16301530
	DS 30 mm 	3.5	0	75 cm	<i>violet</i>	16351530V
		3.5	0	75 cm	<i>undyed</i>	16351540
	DS 40 mm 	4	1	90 cm	<i>undyed</i>	16401540

 Reverse cutting		Metric	USP	Length		Order number
1/2 circle 	HS 30 mm 	4	1	240 cm	<i>violet</i>	16401430V-240
	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
Straight 	GS 60 mm 	2	3/0	75 cm	<i>undyed</i>	16202160
		3	2/0	75 cm	<i>undyed</i>	16302160

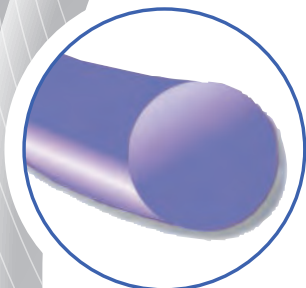
 Round bodied taper cutting point		Metric	USP	Length		Order number
3/8 circle 	DRT 16 mm 	1	5/0	75 cm	<i>violet</i>	16100416

 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*

smi

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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

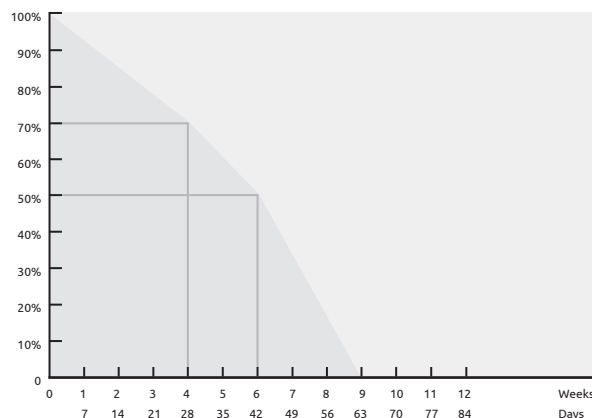
CONTRAINDICATIONS

Cardiovascular surgery
 Neurosurgery
 Prosthetic devices

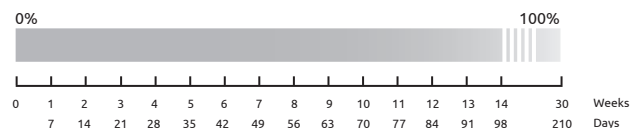
Being absorbable not to use when wound support for more than 6 weeks is required.

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
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Ligapack



2	3/0	250 cm	<i>violet</i>	13200025
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 Round bodied taper point	Metric	USP	Length		Order number
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1/2 circle

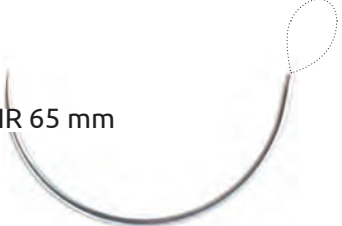


HR 13 mm		0.7	6/0	75 cm	<i>violet</i>	13070113
		1	5/0	75 cm	<i>violet</i>	13100113
HR 17 mm		0.7	6/0	75 cm	<i>violet</i>	13070117
		1	5/0	75 cm	<i>violet</i>	13100117
		1.5	4/0	75 cm	<i>violet</i>	13150117
		2	3/0	75 cm	<i>violet</i>	13200117
HR 22 mm		1.5	4/0	75 cm	<i>violet</i>	13150122
		2	3/0	75 cm	<i>violet</i>	13200122
HR 26 mm		1.5	4/0	75 cm	<i>violet</i>	13150126
		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
		3.5	0	75 cm	<i>violet</i>	13350130
HR 36 mm		3	2/0	75 cm	<i>violet</i>	13300136
		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
		5	2	90 cm	<i>violet</i>	13500140
HR 48 mm		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

 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

 Round bodied taper point double armed			Metric	USP	Length	Order number	
1/2 circle 	2 x HR 13 mm		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 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 13 mm 	0.7	6/0	75 cm	<i>violet</i> 13070213-2

 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	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	2/0	75 cm	<i>violet</i>	13301524-90
		3.5	0	75 cm	<i>violet</i>	13351524
	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

 Reverse cutting		Metric	USP	Length		Order number
1/2 circle 	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

 Blunt loop		Metric	USP	Length		Order number
1/2 circle 	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

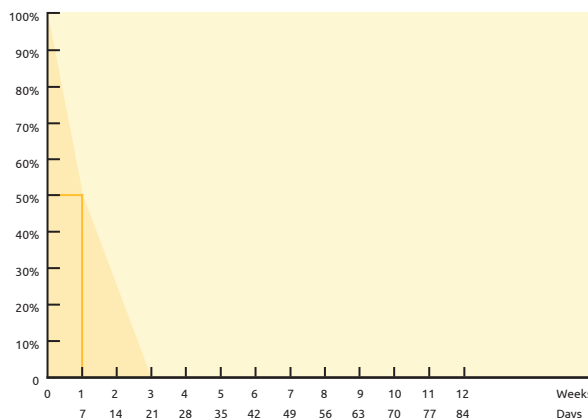
Being absorbable not to use when an extended wound support is required.

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

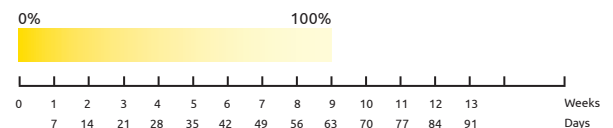
In the region of infected wounds

Known sensitivities or allergies to collagen

TENSILE STRENGTH



ABSORPTION





Without needle

Metric USP Length Order number

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



Round bodied taper point

Metric USP Length Order number

1/2 circle



HR 16 mm		1.5	5/0	75 cm	ivory	1150116
		2	4/0	75 cm	ivory	1200116
HR 20 mm		2	4/0	75 cm	ivory	1200120
		3	3/0	75 cm	ivory	1300120
		3.5	2/0	75 cm	ivory	1350120
HR 26 mm		2	4/0	75 cm	ivory	1200126
		3	3/0	75 cm	ivory	1300126
		3.5	2/0	75 cm	ivory	1350126
		4	0	75 cm	ivory	1400126
HR 30 mm		3	3/0	75 cm	ivory	1300130
HR 37 mm		3	3/0	75 cm	ivory	1300137
		3.5	2/0	75 cm	ivory	1350137
		4	0	75 cm	ivory	1400137
		5	1	75 cm	ivory	1500137
HR 40 mm		5	1	90 cm	ivory	1500140-90
HR 45 mm		4	0	75 cm	ivory	1400145
		5	1	75 cm	ivory	1500145
		6	2	75 cm	ivory	1600145
HR 50 mm		3.5	2/0	75 cm	ivory	1350150



Reverse cutting

Metric

USP

Length

Order number

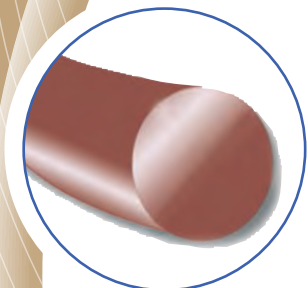
3/8 circle



DS 12 mm		1.5	5/0	45 cm	<i>ivory</i>	1151512
DS 16 mm		1	6/0	45 cm	<i>ivory</i>	1101516
		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

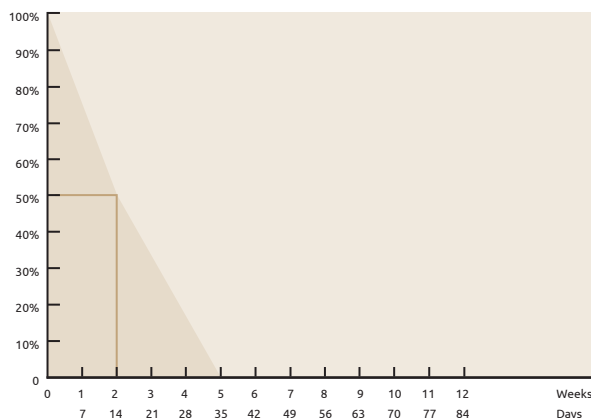
INDICATIONS

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

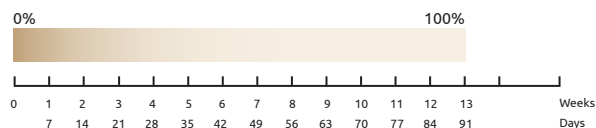
CONTRAINDICATIONS

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





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

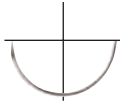


2	4/0	75 cm	<i>brown</i>	2200130
3	3/0	75 cm	<i>brown</i>	2300130
3.5	2/0	75 cm	<i>brown</i>	2350130
4	0	75 cm	<i>brown</i>	2400130
5	1	75 cm	<i>brown</i>	2500130

HR 37 mm

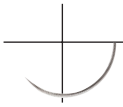


2	4/0	75 cm	<i>brown</i>	2200137
3	3/0	75 cm	<i>brown</i>	2300137
3.5	2/0	75 cm	<i>brown</i>	2350137
3.5	2/0	90 cm	<i>brown</i>	2350137-90
4	0	75 cm	<i>brown</i>	2400137
5	1	75 cm	<i>brown</i>	2500137

 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

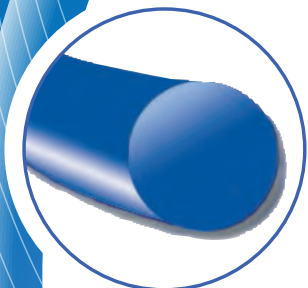
 Blunt		Metric	USP	Length		Order number	
 3/8 circle	DRB 63 mm		5	1	75 cm	<i>brown</i>	2501963

 Reverse cutting		Metric	USP	Length		Order number
3/8 circle 	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
			4	0	75 cm	<i>brown</i> 2401530
	DS 37 mm		5	1	75 cm	<i>brown</i> 2501530
			3	3/0	75 cm	<i>brown</i> 2301537
			3.5	2/0	75 cm	<i>brown</i> 2351537
	DS 40 mm		4	0	75 cm	<i>brown</i> 2401537
			5	1	75 cm	<i>brown</i> 2501537
			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
1/2 circle 	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

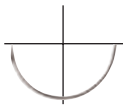
INDICATIONS General soft tissue closing and/or ligation
especially in Ophthalmic surgery
Plastic surgery
Skin closure
Orthopaedics
Hernias (also as a mesh)
Gastrointestinal surgery
General surgery
Gynaecology
Obstetrics

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

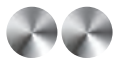


Round bodied taper point

3/8 circle



			Metric	USP	Length		Order number
DR 16 mm			1.5	4/0	75 cm	blue	5150216

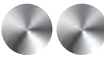


Round bodied taper point double armed

1/2 circle



		Metric	USP	Length		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	4/0	90 cm	blue	5150125-2
		2	3/0	90 cm	blue	5200125-2
		3	2/0	90 cm	blue	5300125-2
	2 x HR 30 mm	2	3/0	90 cm	blue	5200130-2
		3	2/0	90 cm	blue	5300130-2
	2 x HR 35 mm	3	2/0	90 cm	blue	5300135-2
	2 x HR 40 mm	3.5	0	90 cm	blue	5350140-2
		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	3/0	90 cm	blue 5200115-30
HR 30 mm				

 Round bodied taper point double armed	Metric	USP	Length	Order number
2 x DR 6.5 mm	0.4	8/0	60 cm	blue 50402065-2-60
2 x DR 8 mm	0.4	8/0	45 cm	blue 5040208-2
	0.5	7/0	60 cm	blue 5050208-2
2 x DR 9.3 mm	0.5	7/0	60 cm	blue 5050293-2
	0.7	6/0	60 cm	blue 5070293-2
2 x DR 10 mm	0.7	6/0	60 cm	blue 5070210-2
	1	5/0	75 cm	blue 5100210-2
2 x DR 13 mm	0.5	7/0	60 cm	blue 5050213-2
	1	5/0	60 cm	blue 5100213-2
	0.7	6/0	60 cm	blue 5070213-2
2 x DR 18 mm	1	5/0	90 cm	blue 5100218-2
	1.5	4/0	90 cm	blue 5150218-2
2 x DR 22 mm	1.5	4/0	90 cm	blue 5150222-2
2 x DR 26 mm	1.5	4/0	90 cm	blue 5150226-2
2 x DR 30 mm	3	2/0	90 cm	blue 5300230-2





Reverse cutting

Metric

USP

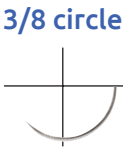
Length

Order number

3/8 circle



DS 10 mm		0.7	6/0	45 cm	blue	5071510
DS 12 mm		0.5	7/0	45 cm	blue	5051512
		0.7	6/0	45 cm	blue	5071512
		1	5/0	45 cm	blue	5101512
		1.5	4/0	75 cm	blue	5151512
DS 12 mm Easy Pass		0.7	6/0	50 cm	blue	5071512P
		1	5/0	50 cm	blue	5101512P
DS 16 mm		0.7	6/0	45 cm	blue	5071516
		1	5/0	45 cm	blue	5101516
		1.5	4/0	45 cm	blue	5151516-45
		1.5	4/0	75 cm	blue	5151516
		2	3/0	75 cm	blue	5201516
DS 16 mm Easy Pass		0.7	6/0	50 cm	blue	5071516P
		1	5/0	50 cm	blue	5101516P
		1.5	4/0	50 cm	blue	5151516P
DS 16 mm black		1	5/0	45 cm	blue	5101516VB
DS 19 mm		0.7	6/0	75 cm	blue	5071519
		1	5/0	45 cm	blue	5101519-45
		1	5/0	75 cm	blue	5101519
		1.5	4/0	45 cm	blue	5151519-45
		1.5	4/0	75 cm	blue	5151519
		2	3/0	45 cm	blue	5201519-45
		2	3/0	75 cm	blue	5201519
		3	2/0	75 cm	blue	5301519
		3.5	0	75 cm	blue	5351519
DS 19 mm Easy Pass		1	5/0	50 cm	blue	5101519P
		1.5	4/0	50 cm	blue	5151519P
		2	3/0	50 cm	blue	5201519P
DS 19 mm black		1	5/0	75 cm	blue	5101519VB
		1.5	4/0	75 cm	blue	5151519VB
DS 24 mm		1.5	4/0	75 cm	blue	5151524
		2	3/0	45 cm	blue	5201524-45
		2	3/0	75 cm	blue	5201524
		3	2/0	45 cm	blue	5301524-45
		3	2/0	75 cm	blue	5301524
		3.5	0	75 cm	blue	5351524
		4	1	75 cm	blue	5401524

 Reverse cutting			Metric	USP	Length		Order number
 3/8 circle	DS 24 mm Easy Pass		1.5	4/0	50 cm	blue	5151524P
			2	3/0	50 cm	blue	5201524P
			3	2/0	50 cm	blue	5301524P
	DS 26 mm		2	3/0	45 cm	blue	5201526-45
			2	3/0	75 cm	blue	5201526
			3	2/0	45 cm	blue	5301526-45
			3	2/0	75 cm	blue	5301526
	DS 30 mm		2	3/0	75 cm	blue	5201530
			3	2/0	75 cm	blue	5301530
			3.5	0	75 cm	blue	5351530
			4	1	75 cm	blue	5401530
	DS 36 mm		2	3/0	75 cm	blue	5201536
			3	2/0	75 cm	blue	5301536
			3.5	0	75 cm	blue	5351536
			4	1	75 cm	blue	5401536
	DS 40 mm		3	2/0	75 cm	blue	5301540
			3.5	0	75 cm	blue	5351540
			4	1	90 cm	blue	5401540
	DS 45 mm		5	2	90 cm	blue	5501540
			4	1	90 cm	blue	5401545
	DS 90 mm		4	1	90 cm	blue	5401590

 Reverse cutting			Metric	USP	Length		Order number
 1/2 circle	HS 22 mm		2	3/0	45 cm	blue	5201422
	HS 24 mm		3	2/0	75 cm	blue	5301424

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



Round bodied taper cutting point double armed

			Metric	USP	Length		Order number
1/2 circle 	2 x HRT 16 mm		1	5/0	75 cm	blue	5100516-2
			1.5	4/0	90 cm	blue	5150516-2
	2 x HRT 22 mm		1.5	4/0	90 cm	blue	5150522-2
			1.5	4/0	90 cm	blue	5150525-2
	2 x HRT 25 mm		2	3/0	90 cm	blue	5200525-2
			3	2/0	90 cm	blue	5300525-2
			2	3/0	90 cm	blue	5200530-2
	2 x HRT 30 mm		3	2/0	90 cm	blue	5300530-2
			3	2/0	90 cm	blue	5300530-2



Round bodied taper cutting point

			Metric	USP	Length		Order number
1/2 circle 	HRT 10 mm		0.7	6/0	75 cm	blue	5070510
	HRT 25 mm		3	2/0	75 cm	blue	5300525



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	blue	5042606-2
			0.4	8/0	60 cm	blue	5042608-2
	2 x CC 8 mm		0.5	7/0	75 cm	blue	5052608-2
			0.7	6/0	75 cm	blue	5072608-2
			0.5	7/0	60 cm	blue	5052693-2
	2 x CC 9.3 mm		0.7	6/0	60 cm	blue	5072693-2
			0.5	7/0	75 cm	blue	5052610-2
	2 x CC 10 m		0.7	6/0	75 cm	blue	5072610-2
			0.5	7/0	75 cm	blue	5052613-2
	2 x CC 13 mm		0.7	6/0	75 cm	blue	5072613-2
			1	5/0	75 cm	blue	5102613-2



Soft cutting point coronary
black double armed

3/8 circle

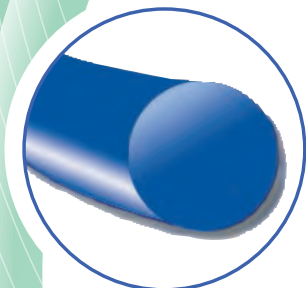


cutting point coronary black double armed		Metric	USP	Length		Order number
2 x CC 8 mm black		0.4	8/0	60 cm	blue	5042608-2VB
		0.5	7/0	75 cm	blue	5052608-2VB
		0.7	6/0	75 cm	blue	5072608-2VB
2 x CC 9 mm black		0.4	8/0	60 cm	blue	5042609-2VB
		0.5	7/0	60 cm	blue	5052609-2VB
2 x CC 13 mm black		0.7	6/0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

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safety*

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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

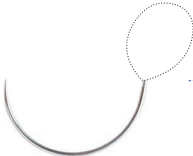
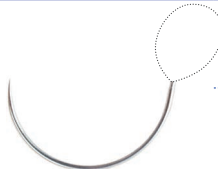
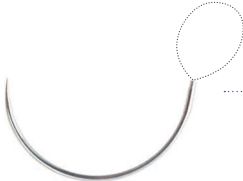
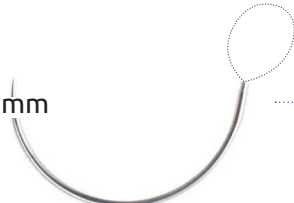


Round bodied taper point

1/2 circle



		Metric	USP	Length		Order number
HR 16 mm		1	5/0	75 cm	black	9100116
		1.5	4/0	75 cm	blue	9150116
HR 20 mm		0.7	6/0	75 cm	black	9070120
		1	5/0	75 cm	black	9100120
		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

 Round bodied taper point loop	Metric	USP	Length	Order number		
1/2 circle 	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
	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	blue	9300165-2

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



Reverse cutting

			Metric	USP	Length		Order number
3/8 circle	DS 12 mm		0.5	7/0	75 cm	black	9051512
			0.7	6/0	75 cm	black	9071512
			1	5/0	75 cm	black	9101512
			1.5	4/0	75 cm	blue	9151512
	DS 12 mm Easy Pass		0.7	6/0	50 cm	black	9071512P
			1	5/0	50 cm	black	9101512P
			1.5	4/0	50 cm	blue	9151512P
	DS 16 mm		0.7	6/0	45 cm	black	9071516-45
			0.7	6/0	75 cm	black	9071516
			1	5/0	45 cm	black	9101516-45
			1	5/0	75 cm	black	9101516
			1.5	4/0	45 cm	blue	9151516-45
			1.5	4/0	75 cm	blue	9151516
			2	3/0	75 cm	blue	9201516
	DS 16 mm Easy Pass		0.7	6/0	50 cm	black	9071516P
			1	5/0	50 cm	black	9101516P
			1.5	4/0	50 cm	blue	9151516P
	DS 16 mm black		1	5/0	75 cm	black	9101516VB
	DS 19 mm		1	5/0	45 cm	black	9101519-45
			1	5/0	75 cm	black	9101519
			1.5	4/0	45 cm	blue	9151519-45
			1.5	4/0	75 cm	blue	9151519
			1.5	4/0	90 cm	blue	9151519-90
			2	3/0	45 cm	blue	9201519-45
			2	3/0	75 cm	blue	9201519
			2	3/0	90 cm	blue	9201519-90
			3	2/0	75 cm	blue	9301519
	DS 19 mm Easy Pass		1.5	4/0	50 cm	blue	9151519P
			2	3/0	50 cm	blue	9201519P
			3	2/0	50 cm	blue	9301519P
	DS 19 mm black		1	5/0	75 cm	black	9101519VB
			1.5	4/0	75 cm	blue	9151519VB

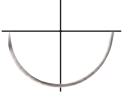


Reverse cutting

3/8 circle



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

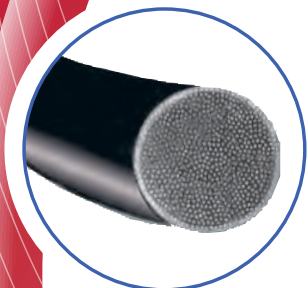
 Reverse cutting			Metric	USP	Length		Order number
	HS 17 mm		1.5	4/0	75 cm	blue	9151417
			2	3/0	75 cm	blue	9201417
	HS 22 mm		2	3/0	75 cm	blue	9201422
	HS 26 mm		2	3/0	75 cm	blue	9201426
			3	2/0	75 cm	blue	9301426
	HS 30 mm		2	3/0	90 cm	blue	9201430
			3	2/0	90 cm	blue	9301430
			3.5	0	75 cm	blue	9351430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

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

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

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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SUPRAMID

BLACK

CHARACTERISTICS

- ✓ High tensile strength, non absorbable
- ✓ Synthetic
- ✓ Twisted structure

- ✓ Multifilament in a sheath

- ✓ Pliability and softness

- ✓ Hermetically sealed packing

INDICATIONS General soft tissue closing
and/or ligation
especially in Skin closure

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 without sawing,
tissue drag and trauma
Good knot tie down / adjustability
Reduced capillary action

Good handling properties
Easy and secure knotting

Guaranteed seal and product sterility

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Microsurgery

 Round bodied taper point		Metric	USP	Length		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					

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

 Reverse cutting		Metric	USP	Length		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> 4201426
			3	2/0	75 cm	<i>black</i> 4301426

 Cutting		Metric	USP	Length		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		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

3/8 circle



		Metric	USP	Length		Order number
DS 16 mm		0.7	6/0	75 cm	black	4071516
		1	5/0	45 cm	black	4101516-45
		1	5/0	75 cm	black	4101516
		1.5	4/0	45 cm	black	4151516
		1.5	4/0	75 cm	black	4151516-75
		2	3/0	45 cm	black	4201516
		2	3/0	75 cm	black	4201516-75
	DS 16 mm black 	1	5/0	75 cm	black	4101516VB
	DS 19 mm 	0.7	6/0	75 cm	black	4071519
		1	5/0	75 cm	black	4101519
		1.5	4/0	45 cm	black	4151519
		1.5	4/0	75 cm	black	4151519-75
		2	3/0	45 cm	black	4201519-45
		2	3/0	75 cm	black	4201519
		3	2/0	75 cm	black	4301519
	DS 19 mm Easy Pass 	1.5	4/0	75 cm	black	4151519P-75
	DS 19 mm black 	1	5/0	75 cm	black	4101519VB
		1.5	4/0	75 cm	black	4151519VB
DS 24 mm		2	3/0	75 cm	black	4201524
		3	2/0	75 cm	black	4301524
		3.5	0	75 cm	black	4351524
DS 36 mm		3	2/0	75 cm	black	4301536
		3.5	0	75 cm	black	4351536
		4	1	75 cm	black	4401536



Round bodied taper cutting point

1/2 circle



		Metric	USP	Length		Order number
HRT 18 mm		1.5	4/0	75 cm	black	4150518
		2	3/0	75 cm	black	4200518



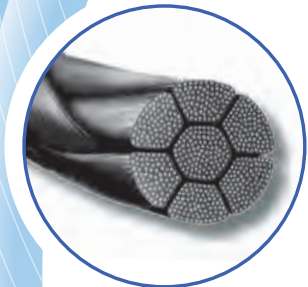
Round bodied taper cutting point

3/8 circle



		Metric	USP	Length		Order number
DRT 18 mm		1.5	4/0	75 cm	black	4150418
		2	3/0	75 cm	black	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	black	8200015
3	2/0	150 cm	black	8300015
3.5	0	150 cm	black	8350015
4	1	150 cm	black	8400015
5	2	150 cm	black	8500015
6	3&4	150 cm	black	8600015
8	6	150 cm	black	8800015
2	3/0	6 x 45 cm	black	8200044
3	2/0	6 x 45 cm	black	8300044
3.5	0	6 x 45 cm	black	8350044
4	1	6 x 45 cm	black	8400044
5	2	6 x 45 cm	black	8500044
1.5	4/0	17 x 45 cm	black	8150046
2	3/0	17 x 45 cm	black	8200046
3	2/0	17 x 45 cm	black	8300046
3.5	0	17 x 45 cm	black	8350046
4	1	17 x 45 cm	black	8400046
1.5	4/0	13 x 60 cm	black	8150060
2	3/0	13 x 60 cm	black	8200060
3	2/0	13 x 60 cm	black	8300060
3.5	0	13 x 60 cm	black	8350060
4	1	13 x 60 cm	black	8400060
1.5	4/0	12 x 75 cm	black	8150075
2	3/0	12 x 75 cm	black	8200075
3	2/0	12 x 75 cm	black	8300075
3.5	0	12 x 75 cm	black	8350075
4	1	12 x 75 cm	black	8400075
5	2	12 x 75 cm	black	8500075



Without needle

Metric USP Length Order number

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

Ligapack





Round bodied taper point

Metric

USP

Length

Order number

1/2 circle



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
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
		2	3/0	75 cm	black	8200116
HR 20 mm		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
		3.5	0	75 cm	black	8350120
HR 26 mm		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
		3.5	0	75 cm	black	8350126
		4	1	75 cm	black	8400126
HR 30 mm		2	3/0	75 cm	black	8200130
		3	2/0	75 cm	black	8300130
		3.5	0	75 cm	black	8350130
		4	1	75 cm	black	8400130
		5	2	75 cm	black	8500130
HR 37 mm		2	3/0	75 cm	black	8200137
		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 40 mm		3.5	0	75 cm	black	8350140
		4	1	75 cm	black	8400140
		5	2	75 cm	black	8500140
HR 45 mm		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	black	8100212
DR 16 mm		1	5/0	75 cm	black	8100216
		1.5	4/0	75 cm	black	8150216
DR 25 mm		2	3/0	75 cm	black	8200216
		2	3/0	75 cm	black	8200225
		3	2/0	75 cm	black	8300225
DR 30 mm		3.5	0	75 cm	black	8350225
		3	2/0	75 cm	black	8300230



Round bodied taper point

Metric

USP

Length

Order number

Straight

GR 40 mm		3	2/0	75 cm	black	8302040
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Reverse cutting double armed

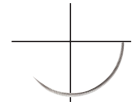
Metric

USP

Length

Order number

3/8 circle



2 x DS 12 mm		0.5	7/0	45 cm	black	8051512-2
		0.7	6/0	45 cm	black	8071512-2



Reverse cutting

Metric

USP

Length

Order number

3/8 circle



DS 12 mm		0.5	7/0	45 cm	black	8051512
		0.7	6/0	45 cm	black	8071512
		1	5/0	45 cm	black	8101512
		1.5	4/0	75 cm	black	8151512
		2	3/0	75 cm	black	8201512
DS 12 mm Easy Pass		0.7	6/0	50 cm	black	8071512P
		0.7	6/0	75 cm	black	8071516
DS 16 mm		1	5/0	75 cm	black	8101516
		1.5	4/0	75 cm	black	8151516
		2	3/0	75 cm	black	8201516
		3	2/0	75 cm	black	8301516



Reverse cutting

Metric

USP

Length

Order number

3/8 circle



DS 16 mm Easy Pass		1	5/0	50 cm	black	8101516P
		1.5	4/0	50 cm	black	8151516P
DS 16 mm black		1	5/0	75 cm	black	8101516VB
		1.5	4/0	75 cm	black	8151516VB
DS 19 mm		0.7	6/0	75 cm	black	8071519
		1	5/0	75 cm	black	8101519
		1.5	4/0	75 cm	black	8151519
		2	3/0	45 cm	black	8201519-45
		2	3/0	75 cm	black	8201519
		3	2/0	75 cm	black	8301519
		3.5	0	75 cm	black	8351519
		4	1	75 cm	black	8401519
DS 19 mm Easy Pass		1.5	4/0	50 cm	black	8151519P
		2	3/0	50 cm	black	8201519P
DS 19 mm black		1	5/0	75 cm	black	8101519VB
		1.5	4/0	75 cm	black	8151519VB
		2	3/0	75 cm	black	8201519VB
DS 24 mm		1	5/0	75 cm	black	8101524
		1.5	4/0	75 cm	black	8151524
		2	3/0	75 cm	black	8201524
		3	2/0	75 cm	black	8301524
		3.5	0	75 cm	black	8351524
		4	1	75 cm	black	8401524
DS 26 mm		2	3/0	75 cm	black	8201526
		3	2/0	75 cm	black	8301526
DS 30 mm		1.5	4/0	75 cm	black	8151530
		2	3/0	75 cm	black	8201530
		3	2/0	75 cm	black	8301530
		3.5	0	75 cm	black	8351530
		4	1	75 cm	black	8401530
		5	2	75 cm	black	8501530
DS 37 mm		2	3/0	75 cm	black	8201537
		3	2/0	75 cm	black	8301537
		3.5	0	75 cm	black	8351537
		4	1	75 cm	black	8401537
		5	2	75 cm	black	8501537
		6	3&4	75 cm	black	8601537



 Reverse cutting		Metric	USP	Length		Order number
3/8 circle 	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
		5	2	75 cm	<i>black</i>	8501545
	DS 60 mm 	4	1	75 cm	<i>black</i>	8401560
	DS 90 mm 	3.5	0	100 cm	<i>black</i>	8351590

 Reverse cutting		Metric	USP	Length		Order number
1/2 circle 	HS 12 mm 	0.7	6/0	75 cm	<i>black</i>	8071412
	HS 17 mm 	1	5/0	75 cm	<i>black</i>	8101417
		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
		3	2/0	75 cm	<i>black</i>	8301422
	HS 26 mm 	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
		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

 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
		3	2/0	75 cm	<i>black</i>	8300518
	HRT 27 mm 	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

*For quality
&
safety*

smi

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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



Without needle

Metric USP Length Order number

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

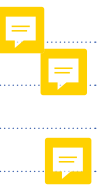


Without needle

Metric USP Length Order number

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

Ligapack





Round bodied taper point

1/2 circle



		Metric	USP	Length		Order number
HR 16 mm		1	5/0	75 cm	green	7100116
		1.5	4/0	75 cm	green	7150116
		2	3/0	75 cm	green	7200116
		1.5	4/0	75 cm	green	7150120
		2	3/0	75 cm	green	7200120
		3	2/0	75 cm	green	7300120
		1.5	4/0	75 cm	green	7150126
		2	3/0	75 cm	green	7200126
		3	2/0	75 cm	green	7300126
		3.5	0	75 cm	green	7350126
		4	1	75 cm	green	7400126
		2	3/0	75 cm	green	7200130
		3	2/0	75 cm	green	7300130
		3.5	0	75 cm	green	7350130
		4	1	75 cm	green	7400130
HR 36 mm		3	2/0	75 cm	green	7300136
		3.5	0	75 cm	green	7350136
		4	1	75 cm	green	7400136
		3.5	0	75 cm	green	7350140
		4	1	75 cm	green	7400140
		5	2	75 cm	green	7500140
HR 48 mm		4	1	75 cm	green	7400148
		5	2	75 cm	green	7500148



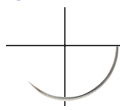
Round bodied taper point double armed

1/2 circle



		Metric	USP	Length		Order number
2 x HR 17 mm		3	2/0	90 cm	green	7300117-2
		3	2/0	90 cm	green	7300120-2
2 x HR 26 mm		2	3/0	90 cm	green	7200126-2
		3	2/0	90 cm	green	7300126-2

 Round bodied taper point double armed	Metric	USP	Length	Order number
1/2 circle  HR 16 mm HR 36 mm	 2	3/0	60 cm	green 7200116-36

 Round bodied taper point		Metric	USP	Length		Order number
3/8 circle 	DR 19 mm 	1.5	4/0	45 cm	green	7150219
		1.5	4/0	45 cm	white	7150219W
	DR 50 mm 	7	5	75 cm	green	7700250

 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

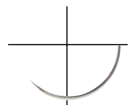
 Round bodied taper cutting point double armed	Metric	USP	Length	Order number		
 1/2 circle	2 x HRT 17 mm 	1.5	4/0	90 cm	green	7150517-2
		2	3/0	90 cm	green	7200517-2
		3	2/0	90 cm	green	7300517-2
			with pledget - 4x green, 4x white		7300517-2P	
	2 x HRT 25 mm 	2	3/0	90 cm	green	7200525-2
		3	2/0	90 cm	green	7300525-2
				with pledget - 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 	7	5	4 x 75 cm	green	7700555-4



Reverse cutting

3/8 circle

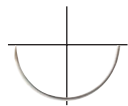


			Metric	USP	Length		Order number
	DS 12 mm		1	5/0	45 cm	green	7101512
			1	5/0	75 cm	green	7101516
	DS 16 mm		1.5	4/0	75 cm	green	7151516
			2	3/0	75 cm	green	7201516
			1	5/0	75 cm	green	7101519
	DS 19 mm		1.5	4/0	75 cm	green	7151519
			2	3/0	75 cm	green	7201519
			3	2/0	75 cm	green	7301519
	DS 19 mm black		1.5	4/0	75 cm	green	7151519VB
			2	3/0	75 cm	green	7201519VB
			2	3/0	75 cm	green	7201524
	DS 24 mm		3	2/0	75 cm	green	7301524
			3.5	0	75 cm	green	7351524
	DS 26 mm		3	2/0	75 cm	green	7301526
			2	3/0	75 cm	green	7201530
			3	2/0	75 cm	green	7301530
	DS 30 mm		3.5	0	75 cm	green	7351530
			4	1	75 cm	green	7401530
			4	1	110 cm	green	7401530-110
			3	2/0	75 cm	green	7301536
	DS 36 mm		4	1	75 cm	green	7401536
			5	2	75 cm	green	7501536
			3.5	0	75 cm	green	7351540
	DS 40 mm		4	1	75 cm	green	7401540
			5	2	75 cm	green	7501540



Reverse cutting

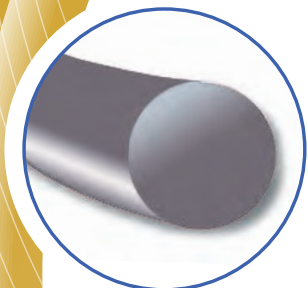
1/2 circle



			Metric	USP	Length		Order number
1/2 circle	HS 17 mm		1.5	4/0	75 cm	green	7151417
			2	3/0	75 cm	green	7201417
	HS 20 mm		3	2/0	75 cm	green	7301420
	HS 22 mm		2	3/0	75 cm	green	7201422
	HS 26 mm		2	3/0	75 cm	green	7201426
			3	2/0	75 cm	green	7301426
	HS 30 mm		3	2/0	75 cm	green	7301430
			3.5	0	75 cm	green	7351430
			4	1	75 cm	green	7401430
			5	2	75 cm	green	7501430
	HS 36 mm		3.5	0	75 cm	green	7351436
			4	1	75 cm	green	7401436
	HS 40 mm		3.5	0	75 cm	green	7351440
			4	1	75 cm	green	7401440
			5	2	75 cm	green	7501440
	HS 48 mm		6	3&4	75 cm	green	7601448
			7	5	75 cm	green	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
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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

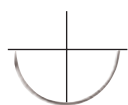
Metric

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

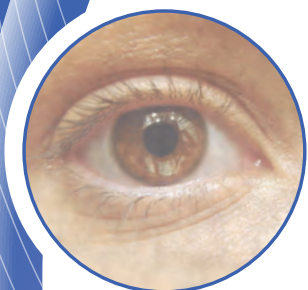
ST63

9

7

4 x 45 cm

ST72



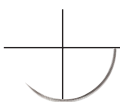
OPHTHALMIC SURGERY

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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	

 Side cutting spatula			Metric	USP	Length	Order number	
	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

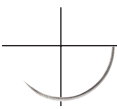
 Side cutting spatula double armed	Metric	USP	Length	Order number	
1/4 circle  2 x VSP 8 mm 300 µm  	0.7	6/0	45 cm	<i>violet</i>	OSU06
	350 µm	1	5/0	45 cm	<i>violet</i>

 Reverse cutting			Metric	USP	Length		Order number
3/8 circle 	DS 12 mm		0.7	6/0	45 cm	violet	11071512
			1	5/0	45 cm	violet	11101512
	DS 12 mm Easy Pass		0.7	6/0	50 cm	undyed	11071512UP
			1	5/0	50 cm	undyed	11101512UP

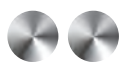
	Side cutting spatula double armed		Metric	USP	Length		Order number
	2 x HSP 8 mm 200 µm		0.7	6/0	45 cm	<i>violet</i>	O910061
	2 x HSP 8 mm 300 µm		0.7	6/0	45 cm	<i>undyed</i>	O910061U
	2 x HSP 8 mm 350 µm		1	5/0	45 cm	<i>violet</i>	O910052
	Side cutting spatula double armed		Metric	USP	Length		Order number
	2 x DSP 11 mm 350 µm		1	5/0	45 cm	<i>violet</i>	O910051 
	Side cutting spatula double armed		Metric	USP	Length		Order number
	2 x VSP 8 mm 300 µm		0.7	6/0	45 cm	<i>violet</i>	O91006
			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
		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
			1	5/0	45 cm	<i>black</i>	8101512
			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	0.5	7/0	45 cm	<i>black</i> 8051512-2
	0.7	6/0	45 cm	<i>black</i> 8071512-2

 Round bodied taper point double armed	Metric	USP	Length	Order number
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1/4 circle



2 x VR 8 mm
220 µm



0.4

8/0

45 cm

black

ON81

 Side cutting spatula	Metric	USP	Length	Order number
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1/2 circle



HSP 5.5 mm
150 µm



0.2

10/0

30 cm

black

ON1081

 Side cutting spatula double armed	Metric	USP	Length	Order number
---	--------	-----	--------	--------------

1/2 circle



2 x HSP 5.5 mm
150 µm



0.2

10/0

30 cm

black

ON108

2 x HSP 6.2 mm
150 µm



0.2

10/0

30 cm

black

ON102

2 x HSP 6.4 mm
220 µm



0.2

10/0

30 cm

black

ON106

2 x HSP 8 mm
300 µm



0.7

6/0

45 cm

black

ON62

 Side cutting spatula	Metric	USP	Length	Order number
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3/8 circle



DSP 6.2 mm
150 µm



0.2

10/0

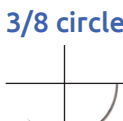
15 cm

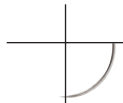
black

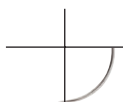
ON1011

 Side cutting spatula double armed			Metric	USP	Length	Order number	
3/8 circle 	2 x DSP 6 mm 220 µm		0.2	10/0	30 cm	black	ON103
	2 x DSP 6.2 mm 150 µm		0.1	11/0	20 cm	black	ON111
			0.2	10/0	30 cm	black	ON101
			0.3	9/0	30 cm	black	ON95 
			0.3	9/0	45 cm	black	ON95-45
			0.4	8/0	30 cm	black	ON85 
			0.4	8/0	45 cm	black	ON85-45
	2 x DSP 6.2 mm 200 µm		0.5	7/0	30 cm	black	ON75
	2 x DSP 6.4 mm 220 µm		0.2	10/0	30 cm	black	ON105 
			0.2	10/0	38 cm	black	ON105-38
			0.2	10/0	45 cm	black	ON105-45
	2 x DSP 8 mm 300 µm		0.7	6/0	45 cm	black	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			
	2 x DSP 6.4 mm 200 μm		0.2	10/0	30 cm	blue	OPP105
			0.3	9/0	30 cm	blue	OPP95
 Side cutting spatula	Metric	USP	Length	Order number			
	DSP 6 mm 200 μm		0.5	7/0	45 cm	blue	OPP71-1
 Side cutting spatula double armed	Metric	USP	Length	Order number			
	2 x VSP 8 mm 300 μm		0.7	6/0	45 cm	blue	OPP62
 Side cutting spatula	Metric	USP	Length	Order number			
	VSP 16 mm 150 μm		0.2	10/0	10 cm	blue	OPP103
 Side cutting spatula loop	Metric	USP	Length	Order number			
	VSP 15.3 mm 150 μm		0.2	10/0	20 cm	blue	OPP113L-2
	VSP 16 mm 150 μm		0.2	10/0	20 cm	blue	OPP103L-2

 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	0.2	10/0	10 cm	<i>blue</i> OPP102
	DSP 4 mm 100 µm				
 3/8 circle					



SPECIALITY PRODUCTS

*For quality
&
safety*



www.sutures.be

Skin Stapler & Remover

INDICATIONS:

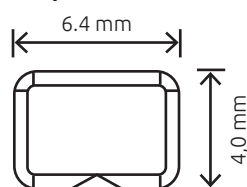
SMI Skin Stapler can be used for a variety of skin closures.

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:

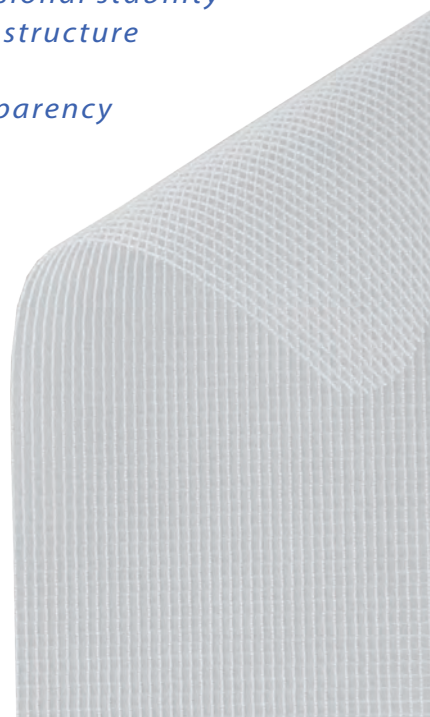
Monofilament polypropylene knitted into an elastic, durable mesh

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



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° 15 N° 15c

Surgical blades
without handle

ZB10 ZB11 ZB12 ZB12d ZB15 ZB15c

Surgical blades with
plastic handle

ZBD10 ZBD11 ZBD12 ZBD15

For blade handle N° 4



N° 18 N° 20 N° 21 N° 22 N° 23 N° 24 N° 25

Surgical blades
without handle

ZB18 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

Skin Marker

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

ZSM 20 Dual tip, regular and fine tip skin marker with ruler, sterile



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

SMI Spon

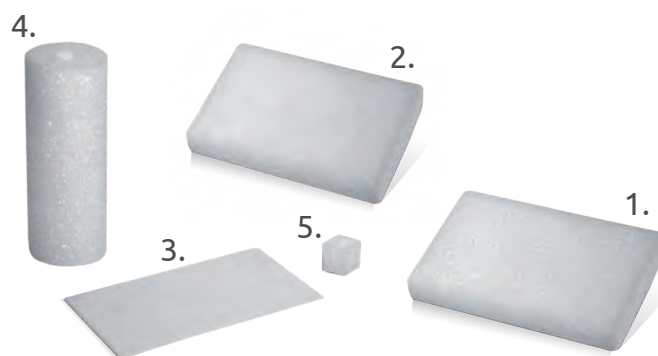
Absorbable Haemostatic Gelatin Sponge

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
2. REGULAR	70 x 50 x 10 mm	ZHG705010
3. SPECIAL	80 x 50 x 1 mm	ZHG805001
4. TAMPON	80 x 30 mm DIA	ZHG8030
5. DENTAL CUBE	10 x 10 x 10 mm	ZHG101010

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

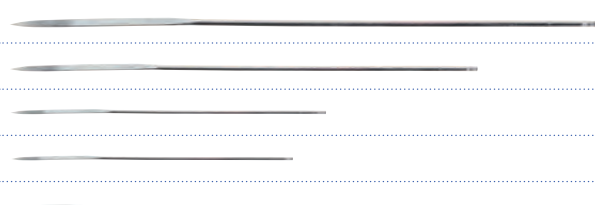
135 mm

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



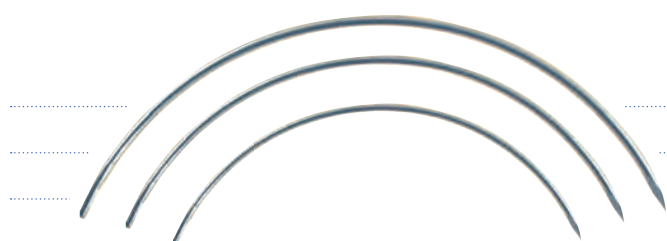
130 mm 5"

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