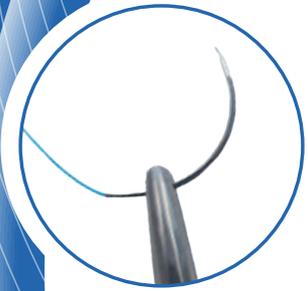


EDITION 2017



# SMI

## *SUTURE MATERIALS*

*For quality  
&  
safety*



[www.sutures.be](http://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 always with international quality standards such as EN ISO 9001 and EN ISO 13485 as well as Good Manufacturing Practices (GMP).

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 90 different countries all over the world. For this performance SMI received the "Royal Export Award 2000" from the Belgian Foreign Trade Board.

### *THE CATALOGUE - EDITION 2017*

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, Microsurgery and Ophthalmology.

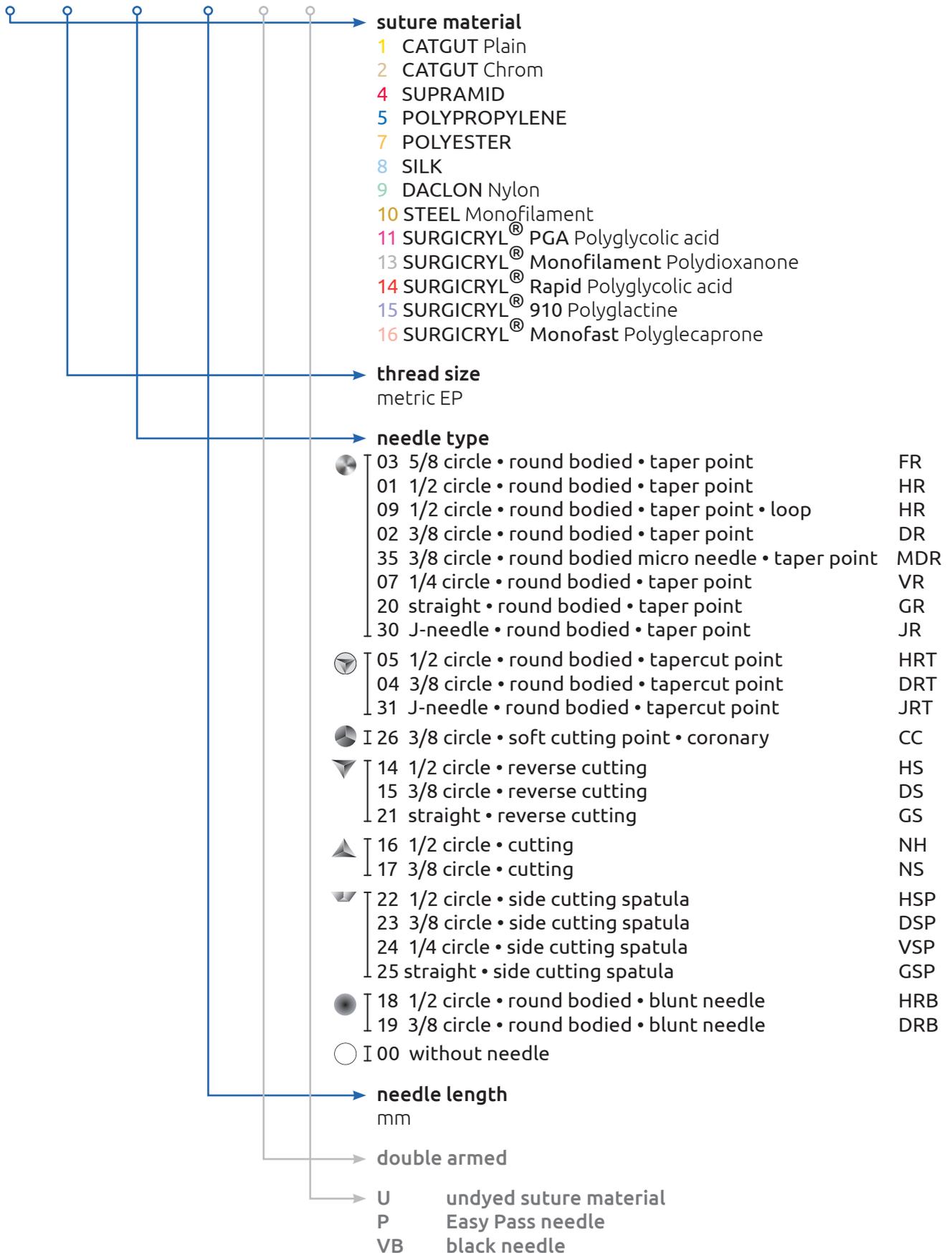
Since many years SMI products are recognized by top surgeons around the world.





# ORDER NUMBER SPECIFICATION

1 20 01 15 2 P



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

5/8 CIRCLE

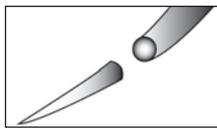
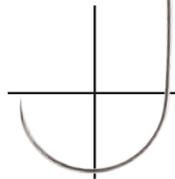
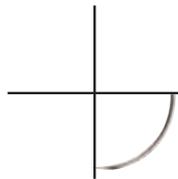
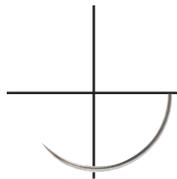
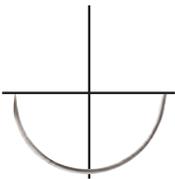
1/2 CIRCLE

3/8 CIRCLE

1/4 CIRCLE

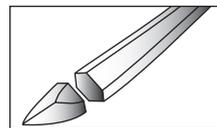
J-NEEDLE

STRAIGHT



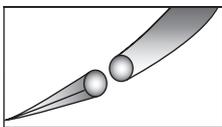
### TAPER POINT

A gradual taper to a round bodied needle.



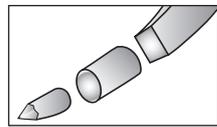
### SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



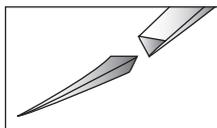
### TAPERCUT POINT

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



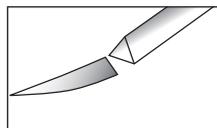
### SOFT CUTTING POINT - CORONARY

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



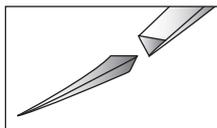
### REVERSE CUTTING

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



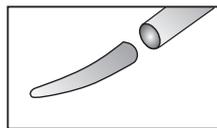
### CONVENTIONAL CUTTING

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



### EASY PASS NEEDLE

Precision point with extra sharpening.

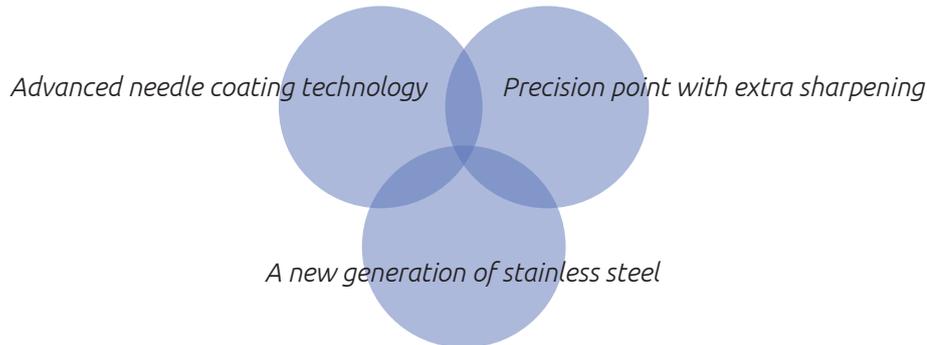


### BLUNT NEEDLE

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

- ✓ *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

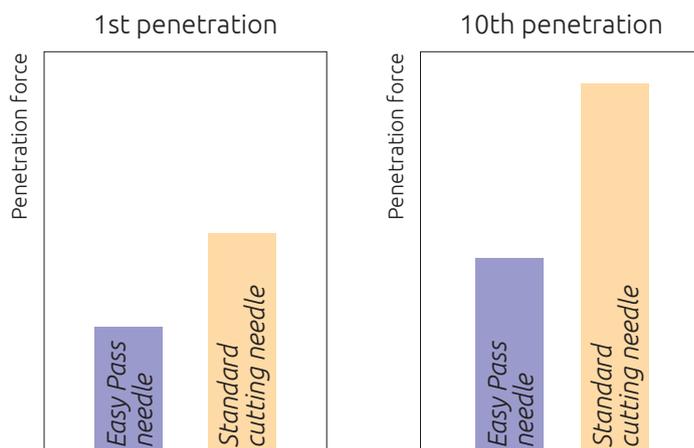
- ✓ Precision point with extra sharpening
- ✓ A new generation of stainless steel
- ✓ Advanced needle coating technology  
Silicone coating covers entire surgical needle

## 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



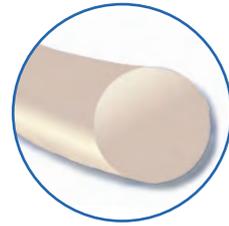
**SURGICRYL®**  
910  
POLYGLACTINE



**SURGICRYL®**  
PGA  
POLYGLYCOLIC ACID



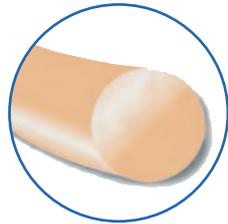
**SURGICRYL®**  
RAPID  
POLYGLYCOLIC ACID



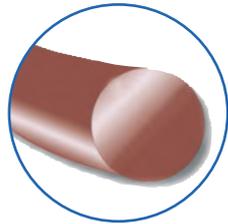
**SURGICRYL®**  
MONOFAST  
POLYGLICAPRONE 25



**SURGICRYL®**  
MONOFILAMENT  
POLYDIOXANONE

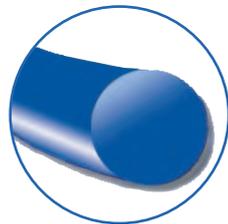


**CATGUT**  
PLAIN



**CATGUT**  
CHROM

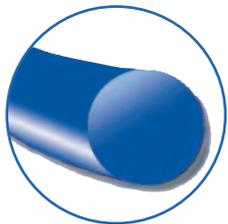
## NON-ABSORBABLE SUTURES



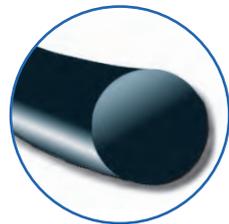
**POLYPROPYLENE**  
BLUE



**POLYESTER**



**DACLON**  
NYLON  
BLUE



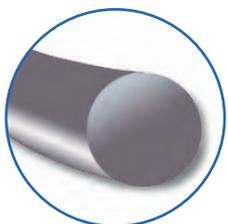
**DACLON**  
NYLON  
BLACK



**SILK**  
BRAIDED  
BLACK



**SILK**  
VIRGIN  
BLUE



**STEEL**  
MONOFILAMENT



**SUPRAMID**  
BLACK

## Sutures in foil packs

absorbable

- SURGICRYL<sup>®</sup> 910 Polyglactine
- SURGICRYL<sup>®</sup> PGA Polyglycolic acid
- SURGICRYL<sup>®</sup> Rapid Polyglycolic acid
- SURGICRYL<sup>®</sup> Monofast Polyglecaprone
- SURGICRYL<sup>®</sup> Monofilament Polydioxanone
- CATGUT Plain
- CATGUT Chrom

Loss of tensile strength over time:



non-absorbable

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

## Microsurgery

absorbable

- SURGICRYL<sup>®</sup> 910 Polyglactine

non-absorbable

- DACLON Nylon
- POLYPROPYLENE

## Ophthalmic surgery

absorbable

- SURGICRYL<sup>®</sup> PGA Polyglycolic acid
- SURGICRYL<sup>®</sup> 910 Polyglactine

non-absorbable

- SILK Virgin
- SILK Braided
- DACLON Nylon
- POLYESTER
- POLYPROPYLENE

## Speciality products

- Skin stapler & remover
- Biopsy punch
- Surgical suture rack
- Polypropylene mesh
- Surgical blades & scalpel handles
- Episio set
- Cervix set

- Patella set
- Pilomat - tablet crusher and splitter
- Surgical needles
- Skin marker
- Bone wax
- SMI Spon - absorbable haemostatic gelatin sponge

## Sutures in cassette packs

absorbable

- SURGICRYL<sup>®</sup> PGA Polyglycolic acid
- SURGICRYL<sup>®</sup> PGA Plus Polyglycolic acid
- SURGICRYL<sup>®</sup> Monofilament Polydioxanone
- SURGICRYL<sup>®</sup> 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

For more accurate technical information please refer to the package insert.  
See the complete product list on [www.sutures.be](http://www.sutures.be).

# SURGICRYL<sup>®</sup>

910

POLYGLACTINE



<b>Type</b>	Braided and coated multifilament
<b>Composition</b>	Polyglactine 910, a copolymer made of 90% glycolide and 10%L-lactide
<b>Coating</b>	Poly-glycolide-co-L-lactide and calcium stearate (<1%)
<b>Colour</b>	Violet
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	The hydrolytic action by which the material is broken down results in total absorption between 56 and 70 days. Between 40% and 50% of tensile strength remain after 21 days.
<b>Presentation</b>	Box with 12 sutures



*For quality  
&  
safety*



[www.sutures.be](http://www.sutures.be)

# SURGICRYL®

## 910

### POLYGLACTINE

### CHARACTERISTICS

- High tensile strength
- Synthetic
- Breaks down by hydrolysis
- Braided structure
  
- Coated multifilament
  
- Hermetically sealed packing

### BENEFITS

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

**INDICATIONS**    General soft tissue closing and/or ligation

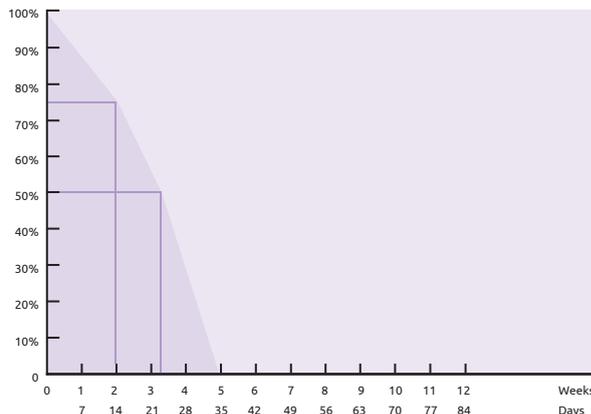
especially in    General surgery  
                           Skin closure  
                           Gastrointestinal surgery  
                           Plastic surgery  
                           Ophthalmic surgery  
                           Gynaecology  
                           Obstetrics  
                           Orthopaedics  
                           Urology

**CONTRAINDICATIONS**    Cardiovascular surgery  
   Neurosurgery

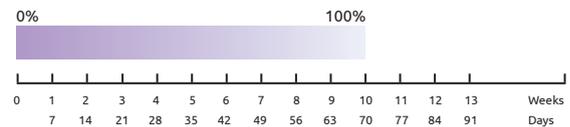
Being absorbable not to use when an extended wound support is required.

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

### TENSILE STRENGTH



### ABSORPTION



#### Without needle



Metric	USP	Length		Order number
--------	-----	--------	--	--------------

1.5	4/0	150 cm	<i>violet</i>	15150015
2	3/0	150 cm	<i>violet</i>	15200015
3	2/0	150 cm	<i>violet</i>	15300015
3.5	0	150 cm	<i>violet</i>	15350015
4	1	150 cm	<i>violet</i>	15400015
5	2	150 cm	<i>violet</i>	15500015
3	2/0	3 x 45 cm	<i>violet</i>	15300045-3
3.5	0	3 x 45 cm	<i>violet</i>	15350045-3
1.5	4/0	6 x 45 cm	<i>violet</i>	15150045-6
2	3/0	6 x 45 cm	<i>violet</i>	15200045-6
3	2/0	6 x 45 cm	<i>violet</i>	15300045-6
3.5	0	6 x 45 cm	<i>violet</i>	15350045-6
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



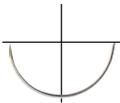
#### Ligapack



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	Color	Order number
HR 13 mm		0.7	6/0	75 cm	<i>violet</i>	15070113
		1	5/0	75 cm	<i>violet</i>	15100113
		1.5	4/0	75 cm	<i>violet</i>	15150113
HR 17 mm		1	5/0	75 cm	<i>violet</i>	15100117
		1.5	4/0	75 cm	<i>violet</i>	15150117
		2	3/0	75 cm	<i>violet</i>	15200117
HR 22 mm		3	2/0	75 cm	<i>violet</i>	15300117
		1.5	4/0	75 cm	<i>violet</i>	15150122
		2	3/0	75 cm	<i>violet</i>	15200122
HR 26 mm		3	2/0	75 cm	<i>violet</i>	15300122
		4	1	75 cm	<i>violet</i>	15400122
		1.5	4/0	75 cm	<i>violet</i>	15150126
HR 30 mm		2	3/0	75 cm	<i>violet</i>	15200126
		3	2/0	75 cm	<i>violet</i>	15300126
		3.5	0	75 cm	<i>violet</i>	15350126
		4	1	75 cm	<i>violet</i>	15400126
		5	2	75 cm	<i>violet</i>	15500126
HR 36 mm		2	3/0	75 cm	<i>violet</i>	15200130
		3	2/0	75 cm	<i>violet</i>	15300130
		3.5	0	75 cm	<i>violet</i>	15350130
		4	1	75 cm	<i>violet</i>	15400130
		5	2	90 cm	<i>violet</i>	15500130
HR 40 mm		2	3/0	75 cm	<i>violet</i>	15200136
		3	2/0	75 cm	<i>violet</i>	15300136
		3.5	0	75 cm	<i>violet</i>	15350136-75
		3.5	0	90 cm	<i>violet</i>	15350136
		4	1	90 cm	<i>violet</i>	15400136
HR 45 mm		4	1	90 cm	<i>violet</i>	15400136
		5	2	90 cm	<i>violet</i>	15500136
		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
HR 45 mm		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		5	2	90 cm	<i>violet</i>	15500145

### Round bodied taper point

		Metric	USP	Length	Order number
<b>1/2 Circle</b> 	HR 48 mm 	3	2/0	75 cm	<i>violet</i> 15300148-75
		3	2/0	90 cm	<i>violet</i> 15300148
		3.5	0	75 cm	<i>violet</i> 15350148-75
		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 	3.5	0	75 cm	<i>violet</i> 15350160
		4	1	75 cm	<i>violet</i> 15400160
	HR 65 mm 	3	2/0	90 cm	<i>violet</i> 15300165
		3.5	0	75 cm	<i>violet</i> 15350165-75
HR 80 mm 	4	1	100 cm	<i>violet</i> 15400180	

### Round bodied taper point loop

		Metric	USP	Length	Order number
<b>1/2 Circle</b> 	HR 45 mm 	3.5	0	150 cm	<i>violet</i> 15350945

### Round bodied taper point

		Metric	USP	Length	Order number
<b>3/8 Circle</b> 	DR 17 mm 	1.5	4/0	45 cm	<i>violet</i> 15150217
	DR 22 mm 	1.5	4/0	75 cm	<i>violet</i> 15150222
		2	3/0	75 cm	<i>violet</i> 15200222
DR 30 mm 	4	1	75 cm	<i>violet</i> 15400230	

### Round bodied taper point



#### 5/8 Circle



FR 27 mm



Metric

USP

Length

Order number

3

2/0

75 cm

*violet*

15300327

3.5

0

75 cm

*violet*

15350327

### Reverse cutting



Metric

USP

Length

Order number

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 23 mm



5

2

90 cm

*violet*

15501423

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

HS 36 mm



3

2/0

75 cm

*violet*

15301436

3.5

0

75 cm

*violet*

15351436-75

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

75 cm

*violet*

15351440-75

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

75 cm

*violet*

15351448-75

3.5

0

90 cm

*violet*

15351448

4

1

90 cm

*violet*

15401448

5

2

90 cm

*violet*

15501448

HS 60 mm



3.5

0

75 cm

*violet*

15351460-75

3.5

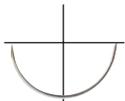
0

90 cm

*violet*

15351460

#### 1/2 Circle



Reverse cutting



Metric      USP      Length      Order number

<p>3/8 Circle</p>	DS 12 mm		0.7	6/0	45 cm	<i>violet</i>	15071512
			1	5/0	45 cm	<i>violet</i>	15101512
			1.5	4/0	45 cm	<i>violet</i>	15151512
	DS 16 mm		0.7	6/0	45 cm	<i>violet</i>	15071516
			1	5/0	75 cm	<i>violet</i>	15101516
			1.5	4/0	75 cm	<i>violet</i>	15151516
	DS 16 mm Easy Pass		2	3/0	45 cm	<i>violet</i>	15201516-45
			2	3/0	50 cm	<i>undyed</i>	15201516UP
	DS 19 mm		1	5/0	75 cm	<i>violet</i>	15101519
			1.5	4/0	75 cm	<i>violet</i>	15151519
			2	3/0	75 cm	<i>violet</i>	15201519
	DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>undyed</i>	15151519UP
	DS 24 mm		1.5	4/0	75 cm	<i>violet</i>	15151524
			2	3/0	75 cm	<i>violet</i>	15201524
			3	2/0	75 cm	<i>violet</i>	15301524
			3.5	0	75 cm	<i>violet</i>	15351524
	DS 24 mm Easy Pass		2	3/0	50 cm	<i>undyed</i>	15201524UP
	DS 26 mm		2	3/0	75 cm	<i>violet</i>	15201526
			3	2/0	75 cm	<i>violet</i>	15301526
	DS 26 mm Easy Pass		2	3/0	50 cm	<i>undyed</i>	15201526UP
DS 30 mm		2	3/0	75 cm	<i>violet</i>	15201530	
		3	2/0	75 cm	<i>violet</i>	15301530	
		3.5	0	75 cm	<i>violet</i>	15351530	
DS 30 mm Easy Pass		3	2/0	75 cm	<i>undyed</i>	15301530UP-75	
DS 36 mm		3	2/0	75 cm	<i>violet</i>	15301536	
		3.5	0	75 cm	<i>violet</i>	15351536	
DS 40 mm		4	1	75 cm	<i>violet</i>	15401536	
		3.5	0	75 cm	<i>violet</i>	15351540	
DS 45 mm		4	1	75 cm	<i>violet</i>	15401540	
		3	2/0	75 cm	<i>violet</i>	15301545	

**Round bodied tapercut point**



			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	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
	HRT 36 mm		4	1	75 cm	<i>violet</i>	15400530
			3	2/0	75 cm	<i>violet</i>	15300536-75
			3	2/0	90 cm	<i>violet</i>	15300536
			3.5	0	90 cm	<i>violet</i>	15350536
	HRT 40 mm		4	1	90 cm	<i>violet</i>	15400536
			4	1	90 cm	<i>violet</i>	15400536
5			2	90 cm	<i>violet</i>	15500540	
HRT 48 mm		8	6	150 cm	<i>violet</i>	15800548	

**Round bodied tapercut point double armed**



			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	2 x HRT 36 mm		3	2/0	120 cm	<i>violet</i>	15300536-2

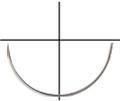
**Round bodied tapercut point**



			Metric	USP	Length		Order number
<b>3/8 Circle</b> 	DRT 13 mm		1.5	4/0	75 cm	<i>violet</i>	15150413
	DRT 17 mm		1.5	4/0	75 cm	<i>violet</i>	15150417
			2	3/0	75 cm	<i>violet</i>	15200417

Round bodied tapercut point 		Metric	USP	Length	Order number	
<b>3/8 Circle</b>  <b>1/2 Circle</b> 	DRT 13 mm	1	5/0	75 cm	<i>violet</i>	15100530-0413
	HRT 30 mm					

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

Blunt 		Metric	USP	Length	Order number	
<b>1/2 Circle</b> 	HRB 30 mm	3	2/0	75 cm	<i>violet</i>	15301830
	HRB 36 mm	3.5	0	90 cm	<i>violet</i>	15351836
		4	1	90 cm	<i>violet</i>	15401836
HRB 45 mm	5	2	90 cm	<i>violet</i>	15501845	

Blunt 		Metric	USP	Length	Order number	
<b>3/8 Circle</b> 	DRB 63 mm	4	1	100 cm	<i>violet</i>	15401963

# SURGICRYL®

## PGA

### POLYGLYCOLIC ACID

SURGICRYL®  
PGA  
POLYGLYCOLIC ACID



<b>Type</b>	Braided and coated multifilament
<b>Composition</b>	Polyglycolic acid
<b>Coating</b>	Polycaprolactone and calcium stearate (1%)
<b>Colour</b>	Violet / Beige - undyed
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	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.
<b>Presentation</b>	Box with 12 sutures



*For quality  
&  
safety*

**smi**

[www.sutures.be](http://www.sutures.be)

# SURGICRYL<sup>®</sup>

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

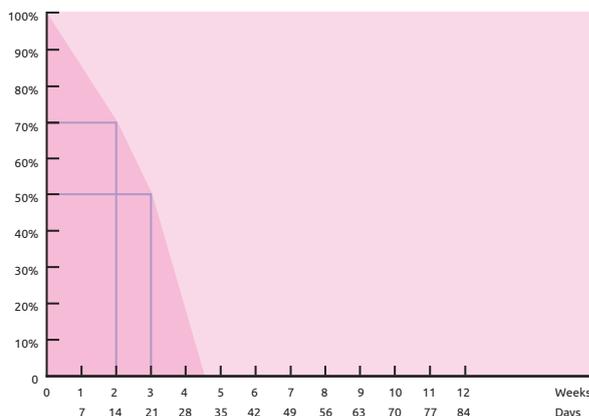
- General surgery
- Skin closure
- Gastrointestinal surgery
- Gynaecology
- Obstetrics
- Plastic surgery
- Urology
- Ophthalmic surgery
- Orthopaedics

**CONTRAINDICATIONS** Cardiovascular surgery  
Neurosurgery

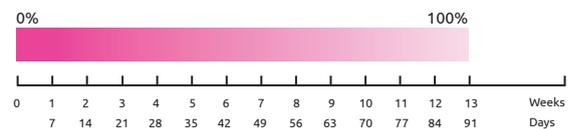
Being absorbable not to use when an extended wound support is required.

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>	1160 0015
7	5	150 cm	<i>violet</i>	1170 0015
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
2	3/0	10 x 60 cm	<i>violet</i>	11200060
3	2/0	10 x 60 cm	<i>violet</i>	11300060
3.5	0	10 x 60 cm	<i>violet</i>	11350060
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



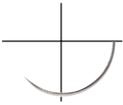
Metric	USP	Length		Order number
1.5	4/0	250 cm	<i>violet</i>	11150025
2	3/0	250 cm	<i>violet</i>	11200025
3	2/0	250 cm	<i>violet</i>	11300025
3.5	0	250 cm	<i>violet</i>	11350025
4	1	250 cm	<i>violet</i>	11400025
5	2	250 cm	<i>violet</i>	11500025
6	3&4	250 cm	<i>violet</i>	11600025

## Round bodied taper point

### 1/2 Circle

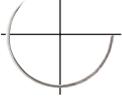
	Metric	USP	Length		Order number	
HR 13 mm 	0.7	6/0	75 cm	<i>violet</i>	11070113	
	1	5/0	75 cm	<i>violet</i>	11100113	
	1.5	4/0	75 cm	<i>violet</i>	11150113	
HR 17 mm 	0.7	6/0	75 cm	<i>violet</i>	11070117	
	1	5/0	75 cm	<i>violet</i>	11100117	
	1.5	4/0	75 cm	<i>violet</i>	11150117	
	2	3/0	75 cm	<i>violet</i>	11200117	
	3	2/0	75 cm	<i>violet</i>	11300117	
HR 22 mm 	1.5	4/0	75 cm	<i>violet</i>	11150122	
	2	3/0	75 cm	<i>violet</i>	11200122	
	2	3/0	75 cm	<i>undyed</i>	11200122U	
HR 26 mm 	3	2/0	75 cm	<i>violet</i>	11300122	
	1.5	4/0	75 cm	<i>violet</i>	11150126	
	2	3/0	75 cm	<i>violet</i>	11200126	
HR 26 mm 	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		2/0	75 cm	<i>undyed</i>	11300130U	
3.5		0	75 cm	<i>violet</i>	11350130	
4		1	75 cm	<i>violet</i>	11400130	
HR 36 mm 	2	3/0	75 cm	<i>violet</i>	11200136	
	3	2/0	75 cm	<i>violet</i>	11300136	
	3.5	0	90 cm	<i>violet</i>	11350136	
	4	1	90 cm	<i>violet</i>	11400136	

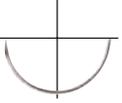
Round bodied taper point 		Metric	USP	Length		Order number
<b>1/2 Circle</b> 	HR 40 mm 	3	2/0	75 cm	<i>violet</i>	11300140
		3.5	0	90 cm	<i>violet</i>	11350140
		4	1	75 cm	<i>violet</i>	11400140-75
		4	1	90 cm	<i>violet</i>	11400140
		5	2	75 cm	<i>violet</i>	11500140-75
	HR 48 mm 	5	2	90 cm	<i>violet</i>	11500140
		3	2/0	75 cm	<i>violet</i>	11300148
		3.5	0	90 cm	<i>violet</i>	11350148
		4	1	90 cm	<i>violet</i>	11400148
		5	2	90 cm	<i>violet</i>	11500148
6	3&4	90 cm	<i>violet</i>	11600148		

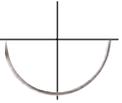
Round bodied taper point 		Metric	USP	Length		Order number
<b>3/8 Circle</b> 	DR 17 mm 	1.5	4/0	75 cm	<i>violet</i>	11150217
		2	3/0	75 cm	<i>violet</i>	11200217
	DR 25 mm 	4	1	75 cm	<i>violet</i>	11400225

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

Round bodied taper point 		Metric	USP	Length		Order number
<b>J-needle</b> 	JR 36 mm 	3	2/0	75 cm	<i>violet</i>	11303036
		3.5	0	75 cm	<i>violet</i>	11353036
		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

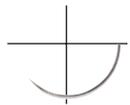
Round bodied tapercut point		Metric	USP	Length	Order number
1/2 Circle 	HRT 26 mm 	3	2/0	75 cm	<i>violet</i> 11300526
	HRT 30 mm 	3	2/0	75 cm	<i>violet</i> 11300530
		3.5	0	75 cm	<i>violet</i> 11350530
		4	1	75 cm	<i>violet</i> 11400530
	HRT 36 mm 	3	2/0	90 cm	<i>violet</i> 11300536
		3.5	0	90 cm	<i>violet</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
	HRT 48 mm 	5	2	90 cm	<i>violet</i> 11500540
HRT 48 mm	4	1	90 cm	<i>violet</i> 11400548	

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

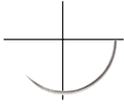
Reverse cutting

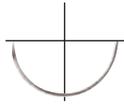


3/8 Circle

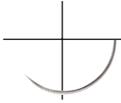


		Metric	USP	Length		Order number
DS 12 mm		0.7	6/0	45 cm	<i>violet</i>	11071512
		0.7	6/0	45 cm	<i>undyed</i>	11071512U
		1	5/0	45 cm	<i>violet</i>	11101512
		1.5	4/0	75 cm	<i>violet</i>	11151512
DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>undyed</i>	11071512UP
		1	5/0	50 cm	<i>undyed</i>	11101512UP
		1.5	4/0	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	75 cm	<i>undyed</i>	11151519U
		2	3/0	75 cm	<i>violet</i>	11201519
		2	3/0	75 cm	<i>undyed</i>	11201519U
		3	2/0	75 cm	<i>violet</i>	11301519
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>undyed</i>	11151519UP
		2	3/0	50 cm	<i>undyed</i>	11201519UP
DS 24 mm		2	3/0	75 cm	<i>violet</i>	11201524
		2	3/0	75 cm	<i>undyed</i>	11201524U
		3	2/0	75 cm	<i>violet</i>	11301524
		3	2/0	75 cm	<i>undyed</i>	11301524U
		3.5	0	75 cm	<i>violet</i>	11351524
DS 24 mm Easy Pass		2	3/0	50 cm	<i>undyed</i>	11201524UP
		3	2/0	50 cm	<i>undyed</i>	11301524UP
DS 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

Reverse cutting 		Metric	USP	Length	Order number
<b>3/8 Circle</b> 	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
<b>1/2 Circle</b> 	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 	5	2	90 cm	<i>violet</i> 11501430
		3	2/0	90 cm	<i>violet</i> 11301436
		3.5	0	90 cm	<i>violet</i> 11351436
		4	1	90 cm	<i>violet</i> 11401436
	HS 36 mm 	5	2	90 cm	<i>violet</i> 11501436
		3	2/0	90 cm	<i>violet</i> 11301440
		3.5	0	90 cm	<i>violet</i> 11351440
		4	1	90 cm	<i>violet</i> 11401440
	HS 40 mm 	5	2	90 cm	<i>violet</i> 11501440
		3.5	0	90 cm	<i>violet</i> 11351448
		4	1	90 cm	<i>violet</i> 11401448
	HS 48 mm 	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

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

# SURGICRYL<sup>®</sup>

## RAPID

### POLYGLYCOLIC ACID



<b>Type</b>	Braided and coated multifilament
<b>Composition</b>	Polyglycolic acid
<b>Coating</b>	Polycaprolactone and calcium stearate (1%)
<b>Colour</b>	Beige - undyed / Violet
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	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.
<b>Presentation</b>	Box with 12 sutures



*For quality  
&  
safety*

**smi**

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# SURGICRYL<sup>®</sup>

## RAPID

### POLYGLYCOLIC ACID

#### CHARACTERISTICS

- High initial tensile strength
- Synthetic
- Breaks down by hydrolysis
- Braided structure
  
- Coated multifilament
  
- Hermetically sealed packing

#### BENEFITS

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

**INDICATIONS** Superficial soft tissue closing of skin and mucosa only

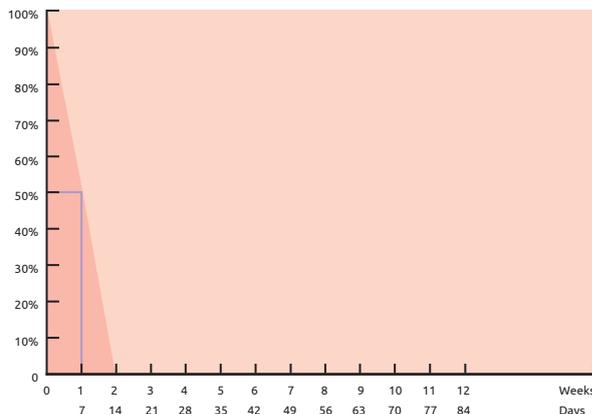
especially in Plastic surgery  
Obstetrics (Episiotomy repair)  
Gynaecology  
Urology (Circumcision)  
Ophthalmic surgery (Conjunctiva)  
Pediatric surgery

**CONTRAINDICATIONS** Cardiovascular surgery  
Neurosurgery  
Ligation

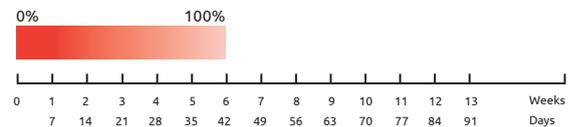
When wound support for more than 7 days is required.

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

#### TENSILE STRENGTH



#### ABSORPTION



Without needle



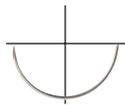
	Metric	USP	Length		Order number
	2	3/0	150 cm	<i>undyed</i>	14200015
	3	2/0	150 cm	<i>undyed</i>	14300015
	3.5	0	150 cm	<i>undyed</i>	14350015
	4	1	150 cm	<i>undyed</i>	14400015
	5	2	150 cm	<i>undyed</i>	14500015

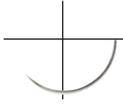
Round bodied taper point

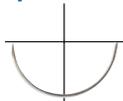


	Metric	USP	Length		Order number
HR 13 mm	1	5/0	75 cm	<i>undyed</i>	14100113
HR 17 mm	1	5/0	75 cm	<i>undyed</i>	14100117
	1.5	4/0	75 cm	<i>undyed</i>	14150117
HR 22 mm	2	3/0	75 cm	<i>undyed</i>	14200117
	1.5	4/0	75 cm	<i>undyed</i>	14150122
HR 26 mm	2	3/0	75 cm	<i>undyed</i>	14200122
	3	2/0	75 cm	<i>undyed</i>	14300122
HR 30 mm	2	3/0	75 cm	<i>undyed</i>	14200126
	3	2/0	75 cm	<i>undyed</i>	14300126
	3.5	0	75 cm	<i>undyed</i>	14350126
HR 36 mm	2	3/0	75 cm	<i>undyed</i>	14200130
	3	2/0	75 cm	<i>undyed</i>	14300130
	3.5	0	75 cm	<i>undyed</i>	14350130
HR 40 mm	2	3/0	75 cm	<i>undyed</i>	14200136
	3	2/0	75 cm	<i>undyed</i>	14300136
	3.5	0	90 cm	<i>undyed</i>	14350136
HR 48 mm	4	1	90 cm	<i>undyed</i>	14400136
	3	2/0	75 cm	<i>undyed</i>	14300140
	3.5	0	90 cm	<i>undyed</i>	14350140
HR 48 mm	4	1	90 cm	<i>undyed</i>	14400140
	5	2	90 cm	<i>undyed</i>	14500140
	3	2/0	75 cm	<i>undyed</i>	14300148
HR 48 mm	3.5	0	90 cm	<i>undyed</i>	14350148
	4	1	90 cm	<i>undyed</i>	14400148
	5	2	90 cm	<i>undyed</i>	14500148

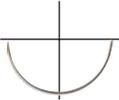
1/2 Circle

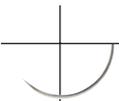


Reverse cutting			Metric	USP	Length	Order number
<b>3/8 Circle</b> 	DS 12 mm		0.7	6/0	75 cm	<i>undyed</i> 14071512
			1	5/0	75 cm	<i>undyed</i> 14101512
			1.5	4/0	75 cm	<i>undyed</i> 14151512
	DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>undyed</i> 14071512P
			1	5/0	50 cm	<i>undyed</i> 14101512P
			1.5	4/0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

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

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

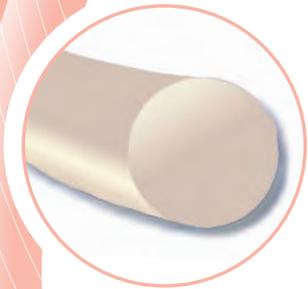
	Round bodied tapercut point 	Metric	USP	Length	Order number
<b>1/2 Circle</b> 	HRT 17 mm 	2	3/0	75 cm	<i>undyed</i> 14200517
	HRT 26 mm 	2	3/0	75 cm	<i>undyed</i> 14200526
	HRT 36 mm 	3	2/0	90 cm	<i>undyed</i> 14300536
		3.5	0	90 cm	<i>undyed</i> 14350536
		4	1	90 cm	<i>undyed</i> 14400536
	HRT 40 mm 	3.5	0	90 cm	<i>undyed</i> 14350540
4		1	90 cm	<i>undyed</i> 14400540	
HRT 48 mm 	3.5	0	90 cm	<i>undyed</i> 14350548	

	Round bodied tapercut point 	Metric	USP	Length	Order number
<b>3/8 Circle</b> 	DRT 16 mm 	1	5/0	75 cm	<i>undyed</i> 14100416
		1.5	4/0	75 cm	<i>undyed</i> 14150416
		2	3/0	75 cm	<i>undyed</i> 14200416

# SURGICRYL<sup>®</sup>

## MONOFAST

### POLYGLYCAPRONE 25



<b>Type</b>	Monofilament
<b>Composition</b>	Polyglycaprone 25, a copolymer made of 75% glycolide and 25% ε-caprolactone
<b>Coating</b>	None
<b>Colour</b>	Violet / Beige - undyed
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	The hydrolytic action by which the material is broken down results in total absorption in approximately 90 to 120 days. Approximately 60% of tensile strength remain after 7 days.
<b>Presentation</b>	Box with 12 sutures



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&  
safety*

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# SURGICRYL<sup>®</sup>

## 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

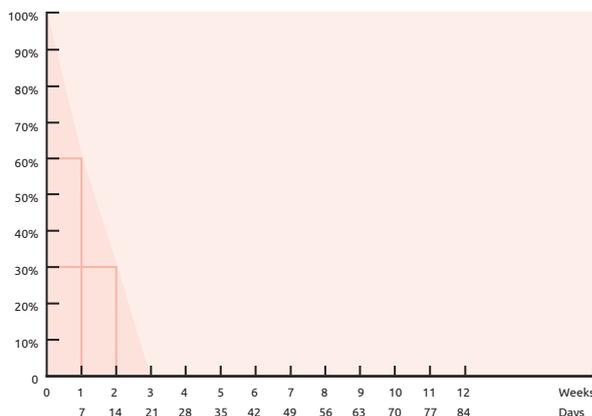
**INDICATIONS** Superficial soft tissue and/or ligation  
 especially in General surgery  
 Skin closure  
 Plastic surgery  
 Gastrointestinal surgery  
 Gynaecology  
 Urology

**CONTRAINDICATIONS** Cardiovascular surgery  
 Neurosurgery  
 Ophthalmic surgery

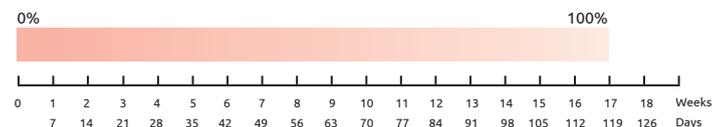
Being absorbable not to use when an extended wound support is required.

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**

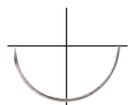


5	2	250 cm	<i>violet</i>	16500025
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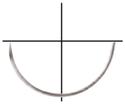
Round bodied taper point 

**Metric**    **USP**    **Length**    **Order number**

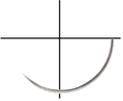
**1/2 Circle**

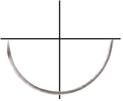


HR 13 mm		0.7	6/0	45 cm	<i>violet</i>	16070113
		1	5/0	45 cm	<i>violet</i>	16100113
HR 17 mm		1.5	4/0	75 cm	<i>violet</i>	16150113
		1	5/0	45 cm	<i>violet</i>	16100117
		1.5	4/0	75 cm	<i>violet</i>	16150117
HR 22 mm		2	3/0	75 cm	<i>violet</i>	16200117
		1.5	4/0	75 cm	<i>violet</i>	16150122
HR 26 mm	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

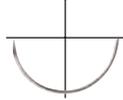
Round bodied taper point 		Metric	USP	Length		Order number
1/2 Circle 	HR 48 mm 	3.5	0	90 cm	<i>violet</i>	16350148
		4	1	90 cm	<i>violet</i>	16400148
	HR 65 mm 	3	2/0	90 cm	<i>violet</i>	16300165

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
		2	3/0	75 cm	<i>violet</i>	16201516V
	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 19 mm 	1	5/0	45 cm	<i>undyed</i>	16101519
		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
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	
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	

Reverse cutting 		Metric	USP	Length	Order number
<b>3/8 Circle</b> 	DS 26 mm 	1.5	4/0	75 cm	<i>undyed</i> 16151526
		2	3/0	75 cm	<i>undyed</i> 16201526
		2	3/0	75 cm	<i>violet</i> 16201526V
		3	2/0	75 cm	<i>undyed</i> 16301526
		3	2/0	75 cm	<i>violet</i> 16301526V
	DS 30 mm 	3.5	0	75 cm	<i>violet</i> 16351530V
DS 40 mm 	3.5	0	75 cm	<i>undyed</i> 16351540	
	4	1	75 cm	<i>undyed</i> 16401540	

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

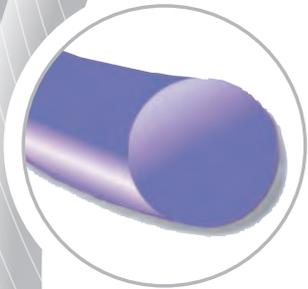
Cutting 		Metric	USP	Length	Order number
<b>Straight</b> 	GS 60 mm 	2	3/0	75 cm	<i>undyed</i> 16202160
		3	2/0	75 cm	<i>undyed</i> 16302160

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

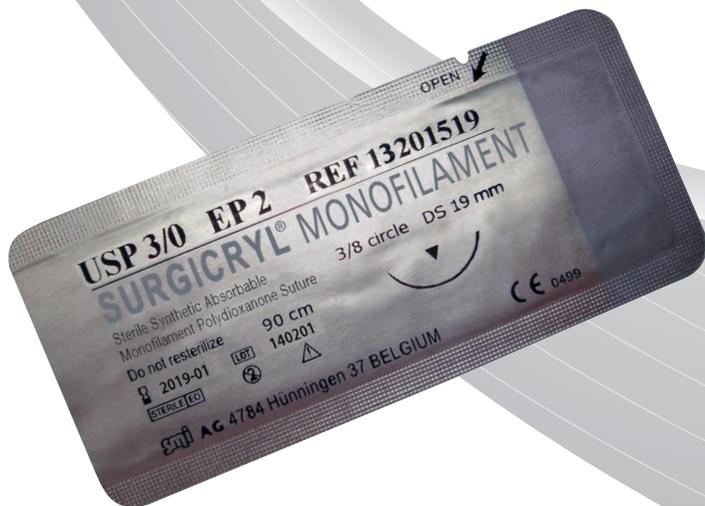
# SURGICRYL<sup>®</sup>

## MONOFILAMENT

### POLYDIOXANONE



<b>Type</b>	Monofilament
<b>Composition</b>	Polydioxanone, a polymer made from polyester poly (p-dioxanone)
<b>Coating</b>	None
<b>Colour</b>	Violet
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	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.
<b>Presentation</b>	Box with 12 sutures



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safety*

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# SURGICRYL<sup>®</sup>

## 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

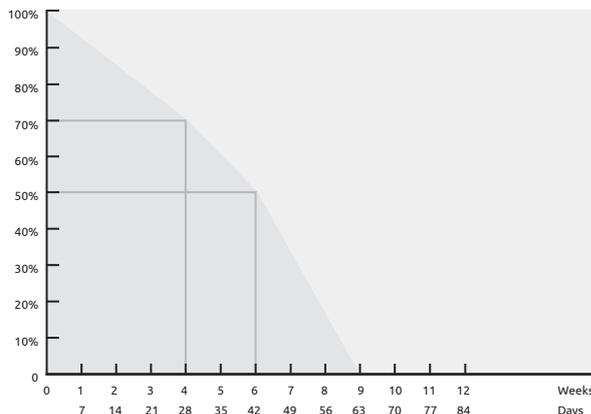
- General surgery
- Gastrointestinal surgery
- Ophthalmic surgery
- Orthopaedics
- Abdominal wall closure
- Gynaecology
- Plastic surgery
- Urology

**CONTRAINDICATIONS** Cardiovascular surgery  
Neurosurgery  
Prosthetic devices

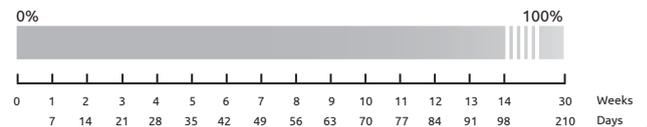
Being absorbable not to use when wound support for more than 6 weeks is required.

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

#### TENSILE STRENGTH



#### ABSORPTION



**Without needle**



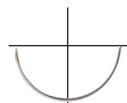
	Metric	USP	Length	Color	Order number
	5	2	150 cm	<i>violet</i>	13500015
	6	3&4	150 cm	<i>violet</i>	13600015

**Round bodied taper point**



	Metric	USP	Length	Color	Order number
HR 13 mm	0.7	6/0	75 cm	<i>violet</i>	13070113
	1	5/0	70 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
HR 30 mm	3.5	0	75 cm	<i>violet</i>	13350126
	2	3/0	75 cm	<i>violet</i>	13200130
	3	2/0	75 cm	<i>violet</i>	13300130
HR 36 mm	3.5	0	75 cm	<i>violet</i>	13350130
	3	2/0	75 cm	<i>violet</i>	13300136
HR 40 mm	3.5	0	90 cm	<i>violet</i>	13350136
	4	1	90 cm	<i>violet</i>	13400136
	3	2/0	75 cm	<i>violet</i>	13300140
HR 48 mm	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	4	1	90 cm	<i>violet</i>	13400148
	5	2	90 cm	<i>violet</i>	13500148

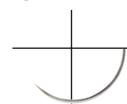
**1/2 Circle**



**Round bodied taper point double armed**



	Metric	USP	Length	Color	Order number	
3/8 Circle	2 x DR 10 mm	0.5	7/0	70 cm	<i>violet</i>	13050210-2
	2 x DR 13 mm	0.7	6/0	70 cm	<i>violet</i>	13070213-2



**Round bodied taper point loop**



		Metric	USP	Length	Order number
<b>1/2 Circle</b> 	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
<b>3/8 Circle</b> 	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 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
	DS 24 mm	2	3/0	75 cm	<i>violet</i> 13201519
		1.5	4/0	75 cm	<i>violet</i> 13151524
		2	3/0	75 cm	<i>violet</i> 13201524
	DS 26 mm	3	2/0	75 cm	<i>violet</i> 13301524
		3.5	0	75 cm	<i>violet</i> 13351524
		2	3/0	75 cm	<i>violet</i> 13201526
	DS 30 mm	3	2/0	75 cm	<i>violet</i> 13301526
		3.5	0	75 cm	<i>violet</i> 13301530
	DS 40 mm	4	1	90 cm	<i>violet</i> 13351530
		5	2	90 cm	<i>violet</i> 13401540

Reverse cutting 		Metric	USP	Length	Order number
<b>1/2 Circle</b> 	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
	HS 48 mm 	3.5	0	90 cm	<i>violet</i> 13351448

Blunt loop 		Metric	USP	Length	Order number
<b>1/2 Circle</b> 	HRB 50 mm 	4	1	150 cm	<i>violet</i> 13401850

# CATGUT

## PLAIN



<b>Type</b>	Twisted multifilament with a monofilament appearance
<b>Composition</b>	Strands of purified collagen taken from the serosal layer of selected bovines. Origin from BSE-free classified countries.
<b>Coating</b>	None
<b>Colour</b>	Ivory
<b>Tissue reaction</b>	Moderate
<b>Absorption</b>	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.
<b>Presentation</b>	Box with 12 sutures

*For quality  
&  
safety*

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# CATGUT

PLAIN

## CHARACTERISTICS

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

## BENEFITS

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

**INDICATIONS** General soft tissue closing and/or ligation especially in

- General surgery
- Gastrointestinal surgery
- Gynaecology
- Obstetrics
- Urology
- Ophthalmic surgery

**CONTRAINDICATIONS** Cardiovascular surgery  
Neurosurgery

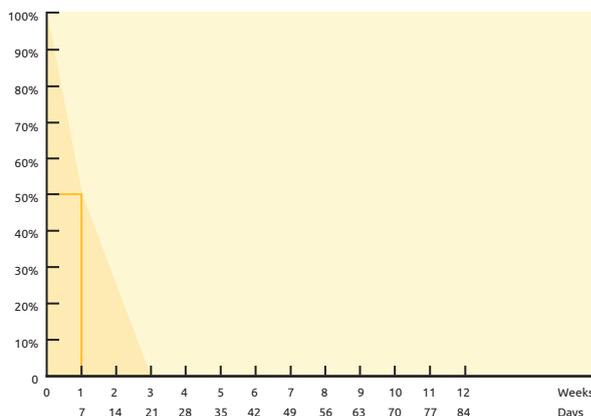
Being absorbable not to use when an extended wound support is required.

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

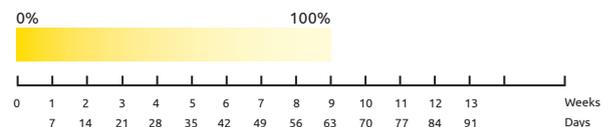
In the region of infected wounds

Known sensitivities or allergies to collagen

## TENSILE STRENGTH



## ABSORPTION



# CATGUT

PLAIN

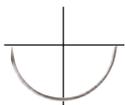
Without needle 

Metric USP Length Order number

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

Round bodied taper point 

Metric USP Length Order number

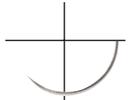
	HR 16 mm 	1.5	5/0	75 cm	<i>ivory</i>	1150116	
		2	4/0	75 cm	<i>ivory</i>	1200116	
	HR 20 mm 	2	4/0	75 cm	<i>ivory</i>	1200120	
		3	3/0	75 cm	<i>ivory</i>	1300120	
	HR 26 mm 	3.5	2/0	75 cm	<i>ivory</i>	1350120	
		2	4/0	75 cm	<i>ivory</i>	1200126	
	HR 26 mm 	3	3/0	75 cm	<i>ivory</i>	1300126	
		3.5	2/0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

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# CATGUT

PLAIN

Reverse cutting			Metric	USP	Length		Order number
3/8 Circle			1.5	5/0	45 cm	<i>ivory</i>	1151512
			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
			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
			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
			3.5	2/0	75 cm	<i>ivory</i>	1351537

# CATGUT

## CHROM



<b>Type</b>	Twisted multifilament with a monofilament appearance
<b>Composition</b>	Strands of purified collagen taken from the serosal layer of selected bovines, tanned with chrome salts. Origin from BSE-free classified countries.
<b>Coating</b>	None
<b>Colour</b>	Dark brown
<b>Tissue reaction</b>	Moderate
<b>Absorption</b>	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.
<b>Presentation</b>	Box with 12 sutures

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&  
safety*



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# CATGUT

CHROM

## CHARACTERISTICS

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

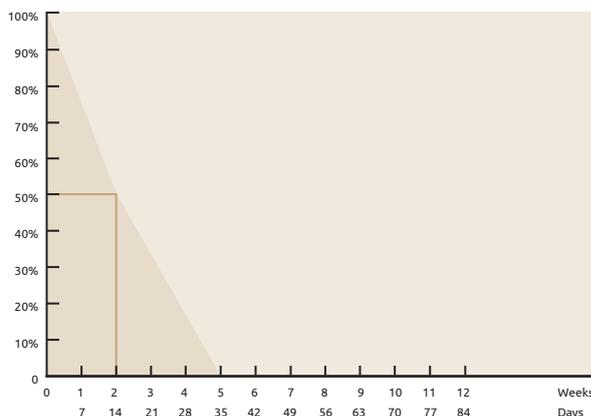
## BENEFITS

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

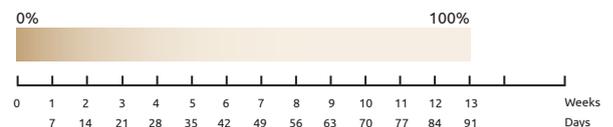
**INDICATIONS** General soft tissue closing and/or ligation especially in General surgery  
Gastrointestinal surgery  
Gynaecology  
Obstetrics  
Urology  
Ophthalmic surgery

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

## TENSILE STRENGTH



## ABSORPTION



# CATGUT

CHROM

Without needle 

Metric      USP      Length      Order number

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

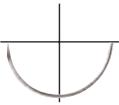
Round bodied taper point 

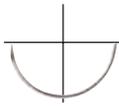
Metric      USP      Length      Order number

	HR 15 mm 	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	
	HR 26 mm 	4	0	75 cm	<i>brown</i>	2400120	
		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	
	HR 30 mm 	4	0	75 cm	<i>brown</i>	2400126	
		5	1	75 cm	<i>brown</i>	2500126	
		2	4/0	75 cm	<i>brown</i>	2200130	
	HR 37 mm 	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	
			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
			4	0	75 cm	<i>brown</i>	2400137
			5	1	75 cm	<i>brown</i>	2500137

**smi**

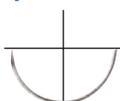
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Round bodied taper point 		Metric	USP	Length		Order number
<b>1/2 Circle</b> 	 HR 40 mm	3.5	2/0	75 cm	<i>brown</i>	2350140
		4	0	75 cm	<i>brown</i>	2400140
		5	1	75 cm	<i>brown</i>	2500140
		5	1	90 cm	<i>brown</i>	2500140-90
		6	2	75 cm	<i>brown</i>	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
<b>1/2 Circle</b> 	 HR 37 mm  HS 37 mm	3.5	2/0	150 cm	<i>brown</i>	2350137-1437

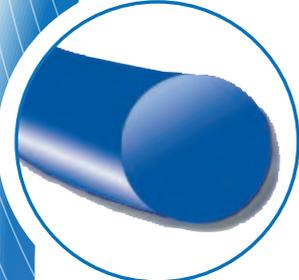
Blunt 		Metric	USP	Length		Order number
<b>3/8 Circle</b> 	 DRB 63 mm	5	1	75 cm	<i>brown</i>	2501963

Reverse cutting			Metric	USP	Length		Order number
<b>3/8 Circle</b> 	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
			3	3/0	75 cm	<i>brown</i>	2301516
	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
	DS 30 mm		3.5	2/0	75 cm	<i>brown</i>	2351524
			4	0	75 cm	<i>brown</i>	2401524
			5	1	75 cm	<i>brown</i>	2501524
	DS 37 mm		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 40 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
			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

Reverse cutting			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	HS 37 mm		4	0	75 cm	<i>brown</i>	2401437
			5	1	75 cm	<i>brown</i>	2501437

# POLYPROPYLENE

BLUE



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

*For quality  
&  
safety*



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# POLYPROPYLENE

BLUE

## CHARACTERISTICS

- ✓ High tensile strength, non absorbable
- ✓ Resistance to repeated bending
- ✓ Synthetic
- ✓ Monofilament with microscopic uniform diameter
- ✓ Pliability and softness
- ✓ Hermetically sealed packing

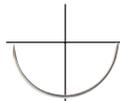
## BENEFITS

- Excellent and permanent tissue support
- Use in cardiovascular surgery (heart prosthesis or vascular anastomosis)
- 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 Cardiovascular surgery  
Neurosurgery  
Ophthalmic surgery  
Microsurgery  
Plastic surgery  
Skin closure  
Orthopaedics  
Hernias (also as a mesh)  
Gastrointestinal surgery  
General surgery  
Gynaecology  
Obstetrics

Round bodied taper point



			Metric	USP	Length	Order number
1/2 Circle 	HR 10 mm		0.5	7/0	45 cm	<i>blue</i> 5050110
			0.7	6/0	75 cm	<i>blue</i> 5070110
	HR 15 mm		0.7	6/0	75 cm	<i>blue</i> 5070115
			1	5/0	75 cm	<i>blue</i> 5100115
	HR 17 mm		1.5	4/0	75 cm	<i>blue</i> 5150115
			1	5/0	75 cm	<i>blue</i> 5100117
	HR 20 mm		2	3/0	75 cm	<i>blue</i> 5200117
			1	5/0	75 cm	<i>blue</i> 5100120
	HR 25 mm		1.5	4/0	75 cm	<i>blue</i> 5150120
			2	3/0	75 cm	<i>blue</i> 5200120
			1	5/0	75 cm	<i>blue</i> 5100125
			1.5	4/0	75 cm	<i>blue</i> 5150125
	HR 30 mm		2	3/0	75 cm	<i>blue</i> 5200125
			3	2/0	75 cm	<i>blue</i> 5300125
			3.5	0	75 cm	<i>blue</i> 5350125
			4	1	75 cm	<i>blue</i> 5400125
	HR 35 mm		2	3/0	75 cm	<i>blue</i> 5200130
			3	2/0	75 cm	<i>blue</i> 5300130
3.5			0	75 cm	<i>blue</i> 5350130	
HR 40 mm		4	1	75 cm	<i>blue</i> 5400130	
		4	1	75 cm	<i>blue</i> 5400135	
		5	2	75 cm	<i>blue</i> 5500135	
			3.5	0	75 cm	<i>blue</i> 5350140
			4	1	90 cm	<i>blue</i> 5400140
			5	2	75 cm	<i>blue</i> 5500140

Round bodied taper point



3/8 Circle



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

Round bodied taper point  
double armed



		Metric	USP	Length	Color	Order number	
<p>1/2 Circle</p>	2 x HR 8 mm		0.4	8/0	60 cm	<i>blue</i>	5040108-2
			0.5	7/0	60 cm	<i>blue</i>	5050108-2
			0.7	6/0	60 cm	<i>blue</i>	5070108-2
	2 x HR 10 mm		0.5	7/0	60 cm	<i>blue</i>	5050110-2
			0.7	6/0	60 cm	<i>blue</i>	5070110-2
			1	5/0	60 cm	<i>blue</i>	5100110-2
	2 x HR 13 mm		0.5	7/0	60 cm	<i>blue</i>	5050113-2
			0.7	6/0	60 cm	<i>blue</i>	5070113-2
			1	5/0	75 cm	<i>blue</i>	5100113-2
	2 x HR 16 mm		1	5/0	90 cm	<i>blue</i>	5100116-2
			1.5	4/0	90 cm	<i>blue</i>	5150116-2
			2	3/0	90 cm	<i>blue</i>	5200116-2
	2 x HR 20 mm		1	5/0	90 cm	<i>blue</i>	5100120-2
			1.5	4/0	90 cm	<i>blue</i>	5150120-2
			2	3/0	90 cm	<i>blue</i>	5200120-2
	2 x HR 25 mm		1.5	4/0	90 cm	<i>blue</i>	5150125-2
			2	3/0	90 cm	<i>blue</i>	5200125-2
			3	2/0	90 cm	<i>blue</i>	5300125-2
	2 x HR 30 mm		2	3/0	90 cm	<i>blue</i>	5200130-2
			3	2/0	90 cm	<i>blue</i>	5300130-2
	2 x HR 35 mm		3	2/0	90 cm	<i>blue</i>	5300135-2
HR 15 mm HR 30 mm		2	3/0	90 cm	<i>blue</i>	5200115-30	

## Round bodied taper point double armed



			Metric	USP	Length	Order number
<b>3/8 Circle</b> 	2 x DR 8 mm		0.4	8/0	45 cm	<i>blue</i> 5040208-2
			0.5	7/0	60 cm	<i>blue</i> 5050208-2
	2 x DR 10 mm		0.7	6/0	60 cm	<i>blue</i> 5070210-2
			0.7	6/0	60 cm	<i>blue</i> 5070213-2
	2 x DR 13 mm		1	5/0	90 cm	<i>blue</i> 5100218-2
			1.5	4/0	90 cm	<i>blue</i> 5150218-2

## Reverse cutting



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

Reverse cutting 

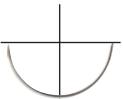
			Metric	USP	Length		Order number
<b>3/8 Circle</b> 	DS 24 mm 	1.5	4/0	75 cm	<i>blue</i>	5151524	
		2	3/0	45 cm	<i>blue</i>	5201524-45	
		2	3/0	75 cm	<i>blue</i>	5201524	
		3	2/0	45 cm	<i>blue</i>	5301524-45	
		3	2/0	75 cm	<i>blue</i>	5301524	
		3.5	0	75 cm	<i>blue</i>	5351524	
		4	1	75 cm	<i>blue</i>	5401524	
	DS 24 mm Easy Pass 	2	3/0	50 cm	<i>blue</i>	5201524P	
		3	2/0	50 cm	<i>blue</i>	5301524P	
	DS 26 mm 	2	3/0	45 cm	<i>blue</i>	5201526-45	
		3	2/0	45 cm	<i>blue</i>	5301526-45	
		3	2/0	75 cm	<i>blue</i>	5301526	
	DS 30 mm 	2	3/0	75 cm	<i>blue</i>	5201530	
		3	2/0	75 cm	<i>blue</i>	5301530	
		3.5	0	75 cm	<i>blue</i>	5351530	
		4	1	75 cm	<i>blue</i>	5401530	
	DS 36 mm 	2	3/0	75 cm	<i>blue</i>	5201536	
		3	2/0	75 cm	<i>blue</i>	5301536	
3.5		0	75 cm	<i>blue</i>	5351536		
4		1	75 cm	<i>blue</i>	5401536		
DS 40 mm 	3	2/0	75 cm	<i>blue</i>	5301540		
	3.5	0	75 cm	<i>blue</i>	5351540		
	4	1	90 cm	<i>blue</i>	5401540		
	DS 45 mm 	5	2	90 cm	<i>blue</i>	5501540	
		4	1	90 cm	<i>blue</i>	5401545	
	DS 90 mm 	4	1	90 cm	<i>blue</i>	5401590	

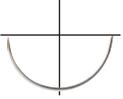
Reverse cutting 

			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	HS 22 mm 	2	3/0	45 cm	<i>blue</i>	5201422	
	HS 24 mm 	3	2/0	75 cm	<i>blue</i>	5301424	

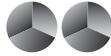
Cutting 		Metric	USP	Length		Order number
Straight 	GS 60 mm 	2	3/0	75 cm	<i>blue</i>	5202160
		3	2/0	75 cm	<i>blue</i>	5302160
	GS 75 mm 	3	2/0	75 cm	<i>blue</i>	5302175

Round bodied tapercut point double armed 		Metric	USP	Length		Order number
3/8 Circle 	2 x DRT 12 mm 	0.7	6/0	75 cm	<i>blue</i>	5070412-2

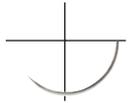
Round bodied tapercut point 		Metric	USP	Length		Order number
1/2 Circle 	HRT 10 mm 	0.7	6/0	75 cm	<i>blue</i>	5070510
	HRT 25 mm 	3	2/0	75 cm	<i>blue</i>	5300525

Round bodied tapercut point double armed 		Metric	USP	Length		Order number
1/2 Circle 	2 x HRT 10 mm 	1	5/0	75 cm	<i>blue</i>	5100510-2
	2 x HRT 16 mm 	1	5/0	75 cm	<i>blue</i>	5100516-2
	2 x HRT 22 mm 	1.5	4/0	90 cm	<i>blue</i>	5150522-2
	2 x HRT 25 mm 	1.5	4/0	90 cm	<i>blue</i>	5150525-2
		2	3/0	90 cm	<i>blue</i>	5200525-2
		3	2/0	90 cm	<i>blue</i>	5300525-2
2 x HRT 30 mm 	3	2/0	90 cm	<i>blue</i>	5300530-2	

Soft cutting point coronary  
double armed



3/8 Circle



		Metric	USP	Length		Order number	
2 x CC 8 mm		0.4	8/0	60 cm	<i>blue</i>	5042608-2	
		0.5	7/0	75 cm	<i>blue</i>	5052608-2	
		0.7	6/0	75 cm	<i>blue</i>	5072608-2	
	2 x CC 10 m		0.5	7/0	75 cm	<i>blue</i>	5052610-2
			0.7	6/0	75 cm	<i>blue</i>	5072610-2
			0.5	7/0	75 cm	<i>blue</i>	5052613-2
2 x CC 13 mm		0.7	6/0	75 cm	<i>blue</i>	5072613-2	
		1	5/0	75 cm	<i>blue</i>	5102613-2	

Soft cutting point coronary  
black double armed



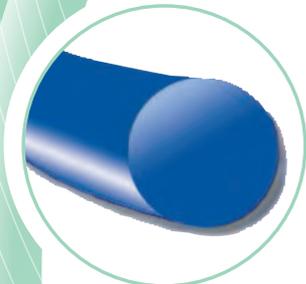
3/8 Circle



		Metric	USP	Length		Order number	
2 x CC 8 mm black		0.4	8/0	60 cm	<i>blue</i>	5042608-2VB	
		0.5	7/0	75 cm	<i>blue</i>	5052608-2VB	
		0.7	6/0	75 cm	<i>blue</i>	5072608-2VB	
	2 x CC 13 mm black		0.7	6/0	75 cm	<i>blue</i>	5072613-2VB
			1	5/0	75 cm	<i>blue</i>	5102613-2VB

# DACLON NYLON

DACLON  
NYLON



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

*For quality  
&  
safety*

**smi**

[www.sutures.be](http://www.sutures.be)

# DACLON

## NYLON

### *CHARACTERISTICS*

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

### *BENEFITS*

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

*INDICATIONS*    General soft tissue closing  
and/or ligation

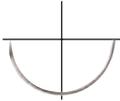
#### **Daclon Blue**

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

#### **Daclon Black**

especially in    Plastic surgery  
Ophthalmic surgery

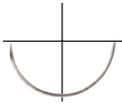
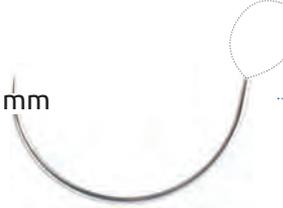
Round bodied taper point 

1/2 Circle 

			Metric	USP	Length		Order number
HR 16 mm			1	5/0	75 cm	<i>black</i>	9100116
			1.5	4/0	75 cm	<i>blue</i>	9150116
HR 20 mm			0.7	6/0	75 cm	<i>black</i>	9070120
			1	5/0	75 cm	<i>black</i>	9100120
			1.5	4/0	75 cm	<i>blue</i>	9150120
			2	3/0	75 cm	<i>blue</i>	9200120
			3	2/0	75 cm	<i>blue</i>	9300120
HR 22 mm			2	3/0	75 cm	<i>blue</i>	9200122
			3	2/0	75 cm	<i>blue</i>	9300122
HR 26 mm			1.5	4/0	75 cm	<i>blue</i>	9150126
			2	3/0	75 cm	<i>blue</i>	9200126
			3	2/0	75 cm	<i>blue</i>	9300126
			3.5	0	75 cm	<i>blue</i>	9350126
			4	1	75 cm	<i>blue</i>	9400126
HR 30 mm			3	2/0	75 cm	<i>blue</i>	9300130
			3.5	0	75 cm	<i>blue</i>	9350130
			4	1	75 cm	<i>blue</i>	9400130
HR 37 mm			3	2/0	75 cm	<i>blue</i>	9300137
			3.5	0	75 cm	<i>blue</i>	9350137
			4	1	75 cm	<i>blue</i>	9400137
HR 40 mm			3	2/0	75 cm	<i>blue</i>	9300140
			3.5	0	75 cm	<i>blue</i>	9350140
			4	1	75 cm	<i>blue</i>	9400140
			5	2	75 cm	<i>blue</i>	9500140
HR 50 mm			4	1	100 cm	<i>blue</i>	9400150

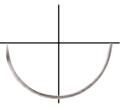
## Round bodied taper point loop

		Metric	USP	Length	Order number
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<b>1/2 Circle</b> 	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

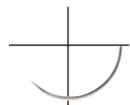
		Metric	USP	Length	Order number
--	--	--------	-----	--------	--------------

<b>1/2 Circle</b> 	2 x HR 65 mm 	3	2/0	90 cm	<i>blue</i> 9300165-2
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Reverse cutting

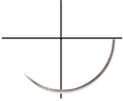


3/8 Circle

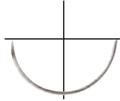


		Metric	USP	Length		Order number
DS 12 mm		0.5	7/0	75 cm	<i>black</i>	9051512
		0.7	6/0	75 cm	<i>black</i>	9071512
		1	5/0	75 cm	<i>black</i>	9101512
		1.5	4/0	75 cm	<i>blue</i>	9151512
DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>black</i>	9071512P
		1	5/0	50 cm	<i>black</i>	9101512P
		1.5	4/0	50 cm	<i>blue</i>	9151512P
DS 16 mm		0.7	6/0	45 cm	<i>black</i>	9071516-45
		0.7	6/0	75 cm	<i>black</i>	9071516
		1	5/0	75 cm	<i>black</i>	9101516
		1.5	4/0	45 cm	<i>blue</i>	9151516-45
		1.5	4/0	75 cm	<i>blue</i>	9151516
		2	3/0	75 cm	<i>blue</i>	9201516
DS 16 mm Easy Pass		0.7	6/0	50 cm	<i>black</i>	9071516P
		1	5/0	50 cm	<i>black</i>	9101516P
		1.5	4/0	50 cm	<i>blue</i>	9151516P
DS 19 mm		1	5/0	45 cm	<i>black</i>	9101519-45
		1	5/0	75 cm	<i>black</i>	9101519
		1.5	4/0	45 cm	<i>blue</i>	9151519-45
		1.5	4/0	75 cm	<i>blue</i>	9151519
		2	3/0	45 cm	<i>blue</i>	9201519-45
		2	3/0	75 cm	<i>blue</i>	9201519
		3	2/0	75 cm	<i>blue</i>	9301519
		3	2/0	75 cm	<i>blue</i>	9301519
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>blue</i>	9151519P
		2	3/0	50 cm	<i>blue</i>	9201519P
		3	2/0	50 cm	<i>blue</i>	9301519P
DS 24 mm		1	5/0	75 cm	<i>black</i>	9101524
		1.5	4/0	45 cm	<i>blue</i>	9151524-45
		1.5	4/0	75 cm	<i>blue</i>	9151524
		2	3/0	45 cm	<i>blue</i>	9201524-45
		2	3/0	75 cm	<i>blue</i>	9201524
		3	2/0	45 cm	<i>blue</i>	9301524-45
		3	2/0	75 cm	<i>blue</i>	9301524
		3.5	0	75 cm	<i>blue</i>	9351524
		4	1	75 cm	<i>blue</i>	9401524
5	2	90 cm	<i>blue</i>	9501524		
DS 24 mm Easy Pass		3	2/0	50 cm	<i>blue</i>	9301524P

Reverse cutting 

		Metric	USP	Length	Order number	
<b>3/8 Circle</b>			2	3/0	45 cm	<i>blue</i> 9201526-45
			2	3/0	75 cm	<i>blue</i> 9201526
			3	2/0	45 cm	<i>blue</i> 9301526-45
			3	2/0	75 cm	<i>blue</i> 9301526
		2	3/0	75 cm	<i>blue</i> 9201530	
		3	2/0	75 cm	<i>blue</i> 9301530	
		3.5	0	75 cm	<i>blue</i> 9351530	
		4	1	75 cm	<i>blue</i> 9401530	
		2	3/0	75 cm	<i>blue</i> 9201536	
		3	2/0	75 cm	<i>blue</i> 9301536	
		3.5	0	75 cm	<i>blue</i> 9351536	
		3	2/0	75 cm	<i>blue</i> 9301540	
3.5		0	75 cm	<i>blue</i> 9351540		
	4	1	75 cm	<i>blue</i> 9401540		
	3	2/0	100 cm	<i>blue</i> 9301545		
	4	1	75 cm	<i>blue</i> 9401545		
	3.5	0	75 cm	<i>blue</i> 9351560		
	3	2/0	100 cm	<i>blue</i> 9301590		
	3.5	0	100 cm	<i>blue</i> 9351590		
	4	1	100 cm	<i>blue</i> 9401590		

Reverse cutting 

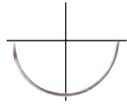
		Metric	USP	Length	Order number	
<b>1/2 Circle</b>			1.5	4/0	75 cm	<i>blue</i> 9151417
			2	3/0	75 cm	<i>blue</i> 9201417
		2	3/0	75 cm	<i>blue</i> 9201422	
		2	3/0	75 cm	<i>blue</i> 9201426	
		3	2/0	75 cm	<i>blue</i> 9301426	
		3.5	0	75 cm	<i>blue</i> 9351430	

## Reverse cutting



		Metric	USP	Length	Color	Order number
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### 1/2 Circle



HS 36 mm		3.5	0	75 cm	<i>blue</i>	9351436	
		4	1	75 cm	<i>blue</i>	9401436	
		5	2	75 cm	<i>blue</i>	9501436	
	HS 40 mm		3.5	0	75 cm	<i>blue</i>	9351440
			4	1	75 cm	<i>blue</i>	9401440
			HS 48 mm		4	1	100 cm

## Cutting



		Metric	USP	Length	Color	Order number
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### Straight

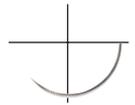
GS 60 mm		2	3/0	75 cm	<i>blue</i>	9202160
		3	2/0	75 cm	<i>blue</i>	9302160

## Cutting



		Metric	USP	Length	Color	Order number
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### 3/8 Circle



NS 26 mm		2	3/0	75 cm	<i>blue</i>	9201726		
		NS 30 mm		3	2/0	75 cm	<i>blue</i>	9301730
		NS 40 mm			3	2/0	75 cm	<i>blue</i>

# SUPRAMID

BLACK



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

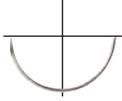
*For quality  
&  
safety*

**smi**

[www.sutures.be](http://www.sutures.be)



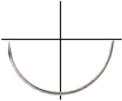
### Round bodied taper point

			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
	HR 26 mm		3	2/0	75 cm	<i>black</i>	4300126

### Round bodied taper point

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

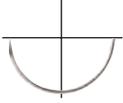
### Reverse cutting

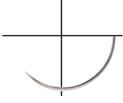
			Metric	USP	Length		Order number
1/2 Circle 	HS 17 mm		1.5	4/0	75 cm	<i>black</i>	4151417
			2	3/0	75 cm	<i>black</i>	4201417
	HS 20 mm		1	5/0	75 cm	<i>black</i>	4101420
			1.5	4/0	75 cm	<i>black</i>	4151420
			2	3/0	75 cm	<i>black</i>	4201420
	HS 22 mm		1.5	4/0	75 cm	<i>black</i>	4151422
HS 26 mm		1.5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

### Cutting

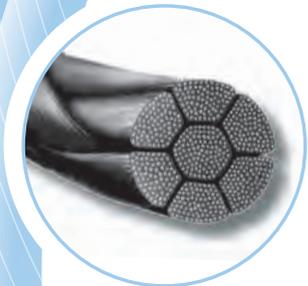
			Metric	USP	Length		Order number
Straight 	GS 20 mm		1.5	4/0	50 cm	<i>black</i>	4152120
	GS 25 mm		1.5	4/0	60 cm	<i>black</i>	4152125

Reverse cutting 		Metric	USP	Length	Order number
<b>3/8 Circle</b> 	DS 12 mm 	0.7	6/0	75 cm	<i>black</i> 4071512
		1	5/0	75 cm	<i>black</i> 4101512
		1.5	4/0	45 cm	<i>black</i> 4151512
	DS 16 mm 	0.7	6/0	75 cm	<i>black</i> 4071516
		1	5/0	75 cm	<i>black</i> 4101516
		1.5	4/0	45 cm	<i>black</i> 4151516
		1.5	4/0	75 cm	<i>black</i> 4151516-75
		2	3/0	45 cm	<i>black</i> 4201516
		2	3/0	45 cm	<i>black</i> 4201516-75
	DS 19 mm 	0.7	6/0	75 cm	<i>black</i> 4071519
		1	5/0	75 cm	<i>black</i> 4101519
		1.5	4/0	45 cm	<i>black</i> 4151519
		1.5	4/0	75 cm	<i>black</i> 4151519-75
		2	3/0	75 cm	<i>black</i> 4201519
	DS 24 mm 	3	2/0	75 cm	<i>black</i> 4301524
		3.5	0	75 cm	<i>black</i> 4351524
		3	2/0	75 cm	<i>black</i> 4301536
	DS 36 mm 	3.5	0	75 cm	<i>black</i> 4351536
4		1	75 cm	<i>black</i> 4401536	

Round bodied tapercut point 		Metric	USP	Length	Order number
<b>1/2 Circle</b> 	HRT 18 mm 	1.5	4/0	75 cm	<i>black</i> 4150518
		2	3/0	75 cm	<i>black</i> 4200518

Round bodied tapercut point 		Metric	USP	Length	Order number
<b>3/8 Circle</b> 	DRT 18 mm 	1.5	4/0	75 cm	<i>black</i> 4150418
		2	3/0	75 cm	<i>black</i> 4200418

# SILK



	<i>Silk Braided</i>	<i>Silk Virgin</i>
<b>Type</b>	Braided multifilament	Twisted multifilament
<b>Composition</b>	Braided fibres from the cocoon of the silkworm	Twisted fibres from the cocoon of the silkworm
<b>Coating</b>	Silicone	None
<b>Colour</b>	Black	Blue
<b>Tissue reaction</b>	Moderate	
<b>Absorption</b>	Silk suture elicits an initial inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous connective tissues.	
<b>Presentation</b>	Box with 12 sutures	

*For quality  
&  
safety*

**smi**

[www.sutures.be](http://www.sutures.be)

# 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*    Urinary tract  
Biliary tract  
  
Known allergies or sensitivities to silk

Without needle



**Metric**      **USP**      **Length**      **Order number**

2	3/0	150 cm	<i>black</i>	8200015
3	2/0	150 cm	<i>black</i>	8300015
3.5	0	150 cm	<i>black</i>	8350015
4	1	150 cm	<i>black</i>	8400015
5	2	150 cm	<i>black</i>	8500015
6	3&4	150 cm	<i>black</i>	8600015
8	6	150 cm	<i>black</i>	8800015
2	3/0	6 x 45 cm	<i>black</i>	8200044
3	2/0	6 x 45 cm	<i>black</i>	8300044
3.5	0	6 x 45 cm	<i>black</i>	8350044
4	1	6 x 45 cm	<i>black</i>	8400044
5	2	6 x 45 cm	<i>black</i>	8500044
1.5	4/0	17 x 45 cm	<i>black</i>	8150046
2	3/0	17 x 45 cm	<i>black</i>	8200046
3	2/0	17 x 45 cm	<i>black</i>	8300046
3.5	0	17 x 45 cm	<i>black</i>	8350046
4	1	17 x 45 cm	<i>black</i>	8400046
5	2	17 x 45 cm	<i>black</i>	8500046
1.5	4/0	13 x 60 cm	<i>black</i>	8150060
2	3/0	13 x 60 cm	<i>black</i>	8200060
3	2/0	13 x 60 cm	<i>black</i>	8300060
3.5	0	13 x 60 cm	<i>black</i>	8350060
4	1	13 x 60 cm	<i>black</i>	8400060
2	3/0	12 x 75 cm	<i>black</i>	8200075
3	2/0	12 x 75 cm	<i>black</i>	8300075
3.5	0	12 x 75 cm	<i>black</i>	8350075
4	1	12 x 75 cm	<i>black</i>	8400075
5	2	12 x 75 cm	<i>black</i>	8500075

Without needle



Ligapack



**Metric**      **USP**      **Length**      **Order number**

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

#### Round bodied taper point



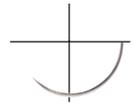
1/2 Circle



		Metric	USP	Length	Color	Order number
HR 12 mm		0.7	6/0	45 cm	black	8070112
		1	5/0	45 cm	black	8100112
		1.5	4/0	75 cm	black	8150112
HR 16 mm		0.7	6/0	45 cm	black	8070116
		1	5/0	75 cm	black	8100116
		1.5	4/0	75 cm	black	8150116
HR 20 mm		2	3/0	75 cm	black	8200116
		1	5/0	75 cm	black	8100120
		1.5	4/0	75 cm	black	8150120
HR 26 mm		2	3/0	75 cm	black	8200120
		3	2/0	75 cm	black	8300120
		3.5	0	75 cm	black	8350120
		1	5/0	75 cm	black	8100126
HR 30 mm		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
		5	2	75 cm	black	8500126
HR 37 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
HR 40 mm		5	2	75 cm	black	8500130
		2	3/0	75 cm	black	8200137
		3	2/0	75 cm	black	8300137
HR 45 mm		3.5	0	75 cm	black	8350137
		4	1	75 cm	black	8400137
		5	2	75 cm	black	8500137
HR 45 mm		3.5	0	75 cm	black	8350140
		4	1	75 cm	black	8400140
		5	2	75 cm	black	8500140
HR 45 mm		3.5	0	75 cm	black	8350145
		4	1	75 cm	black	8400145
		5	2	75 cm	black	8500145

**Round bodied taper point**  **Metric** **USP** **Length** **Order number**

**3/8 Circle**



DR 12 mm		1	5/0	45 cm	<i>black</i>	8100212	
DR 16 mm		1.5	4/0	75 cm	<i>black</i>	8150216	
		2	3/0	75 cm	<i>black</i>	8200216	
DR 25 mm		2	3/0	75 cm	<i>black</i>	8200225	
		3	2/0	75 cm	<i>black</i>	8300225	
DR 30 mm		3	2/0	75 cm	<i>black</i>	8300230	

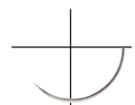
**Round bodied taper point**  **Metric** **USP** **Length** **Order number**

**Straight**

GR 40 mm		3	2/0	75 cm	<i>black</i>	8302040
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**Reverse cutting**  **Metric** **USP** **Length** **Order number**

**3/8 Circle**



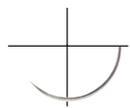
		0.5	7/0	45 cm	<i>black</i>	8051512
		0.7	6/0	45 cm	<i>black</i>	8071512
DS 12 mm		1	5/0	45 cm	<i>black</i>	8101512
		1.5	4/0	75 cm	<i>black</i>	8151512
		2	3/0	75 cm	<i>black</i>	8201512
DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>black</i>	8071512P
DS 14 mm		0.7	6/0	45 cm	<i>black</i>	8071514
		0.7	6/0	75 cm	<i>black</i>	8071516
		1	5/0	75 cm	<i>black</i>	8101516
DS 16 mm		1.5	4/0	75 cm	<i>black</i>	8151516
		2	3/0	75 cm	<i>black</i>	8201516
		3	2/0	75 cm	<i>black</i>	8301516
DS 16 mm Easy Pass		1	5/0	50 cm	<i>black</i>	8101516P
		1.5	4/0	50 cm	<i>black</i>	8151516P

Reverse cutting



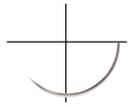
		Metric	USP	Length	Color	Order number
DS 19 mm		0.7	6/0	75 cm	black	8071519
		1	5/0	75 cm	black	8101519
		1.5	4/0	75 cm	black	8151519
		2	3/0	75 cm	black	8201519
		3	2/0	75 cm	black	8301519
		3.5	0	75 cm	black	8351519
		4	1	75 cm	black	8401519
DS 19 mm Easy Pass		1.5	4/0	50 cm	black	8151519P
		2	3/0	50 cm	black	8201519P
DS 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
DS 24 mm Easy Pass		2	3/0	75 cm	black	8201524P
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
DS 37 mm		5	2	75 cm	black	8501530
		2	3/0	75 cm	black	8201537
		3	2/0	75 cm	black	8301537
DS 45 mm		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
DS 60 mm		3	2/0	75 cm	black	8301545
		3.5	0	75 cm	black	8351545
		4	1	75 cm	black	8401545
DS 60 mm		5	2	75 cm	black	8501545
		3	2/0	75 cm	black	8301560
		4	1	75 cm	black	8401560

3/8 Circle



**Reverse cutting**  **Metric** **USP** **Length** **Order number**

**3/8 Circle**



DS 90 mm



3.5

0

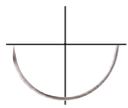
100 cm

*black*

8351590

**Reverse cutting**  **Metric** **USP** **Length** **Order number**

**1/2 Circle**



HS 12 mm



0.7

6/0

75 cm

*black*

8071412

HS 17 mm



1

5/0

75 cm

*black*

8101417

1.5

4/0

75 cm

*black*

8151417

2

3/0

75 cm

*black*

8201417

HS 20 mm



1.5

4/0

75 cm

*black*

8151420

2

3/0

75 cm

*black*

8201420

HS 22 mm



1

5/0

75 cm

*black*

8101422

1.5

4/0

75 cm

*black*

8151422

2

3/0

75 cm

*black*

8201422

3

2/0

75 cm

*black*

8301422

HS 26 mm



1

5/0

75 cm

*black*

8101426

1.5

4/0

75 cm

*black*

8151426

2

3/0

75 cm

*black*

8201426

3

2/0

75 cm

*black*

8301426

3.5

0

75 cm

*black*

8351426

HS 36 mm



3.5

0

75 cm

*black*

8351436

4

1

75 cm

*black*

8401436

**Cutting**  **Metric** **USP** **Length** **Order number**

**Straight**



GS 40 mm



3

2/0

75 cm

*black*

8302140

GS 60 mm



2

3/0

75 cm

*black*

8202160

3

2/0

75 cm

*black*

8302160

3.5

0

75 cm

*black*

8352160

4

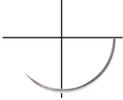
1

75 cm

*black*

8402160

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

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

# POLYESTER



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

*For quality  
&  
safety*

**smi**

[www.sutures.be](http://www.sutures.be)

# POLYESTER

## *CHARACTERISTICS*

- ✓ Unsurpassed tensile strength, non absorbable
- ✓ Resistance to repeated bending
- ✓ Synthetic
- ✓ Braided structure
  
- ✓ Coated multifilament
  
- ✓ Hermetically sealed packing

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

## *BENEFITS*

- Excellent and permanent tissue support
  
- Use in cardiovascular surgery (heart prosthesis)
  
- 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

# POLYESTER

Without needle



**Metric**      **USP**      **Length**      **Order number**

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

Without needle



Ligapack



**Metric**      **USP**      **Length**      **Order number**

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

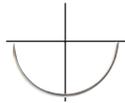
**smi**

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## Round bodied taper point



1/2 Circle

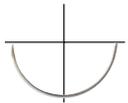


		Metric	USP	Length		Order number
HR 16 mm		1	5/0	75 cm	green	7100116
		1.5	4/0	75 cm	green	7150116
		2	3/0	75 cm	green	7200116
HR 20 mm		1.5	4/0	75 cm	green	7150120
		2	3/0	75 cm	green	7200120
HR 26 mm		2	3/0	75 cm	green	7200126
		3	2/0	75 cm	green	7300126
		3.5	0	75 cm	green	7350126
		4	1	75 cm	green	7400126
HR 30 mm		2	3/0	75 cm	green	7200130
		3	2/0	75 cm	green	7300130
		3.5	0	75 cm	green	7350130
HR 36 mm		4	1	75 cm	green	7400130
		3	2/0	75 cm	green	7300136
HR 40 mm		3.5	0	75 cm	green	7350136
		4	1	75 cm	green	7400136
HR 48 mm		3.5	0	75 cm	green	7350140
		4	1	75 cm	green	7400140
		5	2	75 cm	green	7500140
HR 48 mm		7	5	75 cm	green	7700140
		4	1	75 cm	green	7400148
		5	2	75 cm	green	7500148

## Round bodied taper point double armed

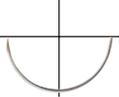
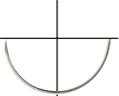


1/2 Circle

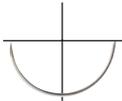


		Metric	USP	Length		Order number
2 x HR 17 mm		3	2/0	90 cm	green	7300117-2
2 x HR 20 mm		3	2/0	90 cm	green	7300120-2
2 x HR 26 mm		3	2/0	75 cm	green	7300126-2
		3	2/0	105 cm	green	7300126-2-105

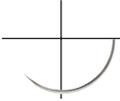
# POLYESTER

Round bodied taper point double armed			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	HR 16 mm HR 36 mm		2	3/0	60 cm	<i>green</i>	7200116-36
Round bodied taper point double armed			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	HR 26 mm GR 19 mm		2	3/0	75 cm	<i>green</i>	7200126-2019
<b>Straight</b> 							
Round bodied taper point			Metric	USP	Length		Order number
<b>Straight</b> 	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 point			Metric	USP	Length		Order number
<b>3/8 Circle</b> 	DR 17 mm		1.5	4/0	75 cm	<i>white</i>	7150217W
	DR 19 mm		1.5	4/0	45 cm	<i>white</i>	7150219W-45
			1.5	4/0	75 cm	<i>white</i>	7150219W
Round bodied tapercut point double armed			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	2 x HRT 17 mm		1.5	4/0	90 cm	<i>green</i>	7150517-2
			2	3/0	90 cm	<i>green</i>	7200517-2
			3	2/0	90 cm	<i>green</i>	7300517-2
			3	2/0	90 cm	<i>green</i> 10/foil	7300517-2-10
						with pledget - 4x <i>green</i> , 4x <i>white</i>	7300517-2P
	2 x HRT 25 mm		2	3/0	90 cm	<i>green</i>	7200525-2
			3	2/0	75 cm	<i>green</i>	7300525-2
			3	2/0	90 cm	<i>green</i> 10/foil	7300525-2-10
							with pledget - 4x <i>green</i> , 4x <i>white</i>

**Round bodied tapercut point** 

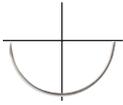
			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	HRT 18 mm		1.5	4/0	75 cm	<i>green</i>	7150518
			2	3/0	75 cm	<i>green</i>	7200518
	HRT 40 mm		5	2	75 cm	<i>green</i>	7500540
	HRT 55 mm		7	5	4 x 75 cm	<i>green</i>	7700555-4

**Reverse cutting** 

			Metric	USP	Length		Order number
<b>3/8 Circle</b> 	DS 12 mm		1	5/0	45 cm	<i>green</i>	7101512
			1	5/0	75 cm	<i>green</i>	7101516
	DS 16 mm		1.5	4/0	75 cm	<i>green</i>	7151516
			2	3/0	75 cm	<i>green</i>	7201516
	DS 19 mm		1	5/0	75 cm	<i>green</i>	7101519
			1.5	4/0	75 cm	<i>green</i>	7151519
			2	3/0	75 cm	<i>green</i>	7201519
	DS 24 mm		3	2/0	75 cm	<i>green</i>	7301519
			2	3/0	75 cm	<i>green</i>	7201524
			3	2/0	75 cm	<i>green</i>	7301524
	DS 26 mm		3.5	0	75 cm	<i>green</i>	7351524
			1.5	4/0	75 cm	<i>green</i>	7151526
	DS 30 mm		3	2/0	75 cm	<i>green</i>	7301526
			2	3/0	75 cm	<i>green</i>	7201530
			3	2/0	75 cm	<i>green</i>	7301530
			3.5	0	75 cm	<i>green</i>	7351530
	DS 36 mm		4	1	75 cm	<i>green</i>	7401530
			3	2/0	75 cm	<i>green</i>	7301536
DS 40 mm		5	2	75 cm	<i>green</i>	7501536	
		3.5	0	75 cm	<i>green</i>	7351540	
		4	1	75 cm	<i>green</i>	7401540	
			5	2	75 cm	<i>green</i>	7501540

# POLYESTER

## Reverse cutting

			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	HS 17 mm		1.5	4/0	75 cm	<i>green</i>	7151417
			2	3/0	75 cm	<i>green</i>	7201417
	HS 20 mm		3	2/0	75 cm	<i>green</i>	7301420
	HS 22 mm		2	3/0	75 cm	<i>green</i>	7201422
	HS 26 mm		2	3/0	75 cm	<i>green</i>	7201426
			3	2/0	75 cm	<i>green</i>	7301426
	HS 30 mm		3	2/0	75 cm	<i>green</i>	7301430
			3.5	0	75 cm	<i>green</i>	7351430
			4	1	75 cm	<i>green</i>	7401430
	HS 36 mm		5	2	75 cm	<i>green</i>	7501430
			3.5	0	75 cm	<i>green</i>	7351436
	HS 40 mm		4	1	75 cm	<i>green</i>	7401436
			5	2	75 cm	<i>green</i>	7501440
	HS 48 mm		6	3&4	75 cm	<i>green</i>	7601448
			7	5	75 cm	<i>green</i>	7701448

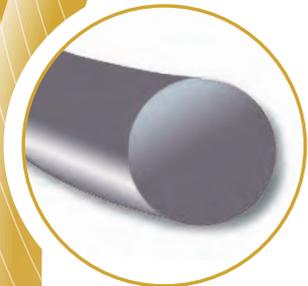
## Cutting

### Straight

		Metric	USP	Length		Order number
GS 60 mm		3.5	0	75 cm	<i>green</i>	7352160

# STEEL

## MONOFILAMENT



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

*For quality  
&  
safety*

**smi**

[www.sutures.be](http://www.sutures.be)

# STEEL

## MONOFILAMENT

### *CHARACTERISTICS*

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

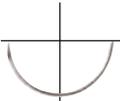
### *BENEFITS*

- 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

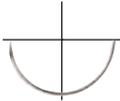
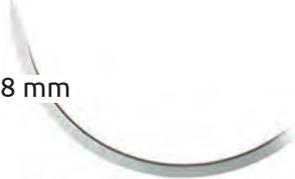
*INDICATIONS* Closure of sternum  
Orthopaedics  
Abdominal wall closure  
and hernia repair

*CONTRAINDICATIONS* Known sensitivities or allergies to stainless or metals such as chromium and nickel

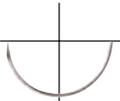
### Round bodied tapercut point

		Metric	USP	Length	Order number
<b>1/2 Circle</b> 	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
<b>1/2 Circle</b> 	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
	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	

### Cutting

		Metric	USP	Length	Order number
<b>1/2 Circle</b> 	NH 48 mm 	7	5	4 x 45 cm	ST56
		8	6	4 x 45 cm	ST63
		9	7	4 x 45 cm	ST72

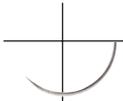


# *MICROSURGERY*

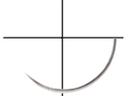
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&  
safety*

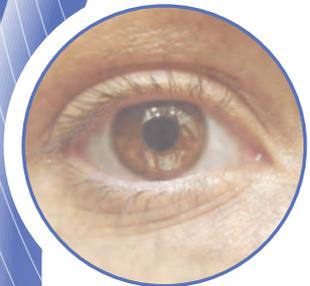
**smi**

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Micro needle taper point 	Metric	USP	Length	Order number			
<b>3/8 Circle</b> 	MDR 3,3 mm 50µm		0.1	11/0	10 cm	<i>black</i>	MN111
	MDR 3,8 mm 50µm		0.2	10/0	10 cm	<i>black</i>	MN102
	MDR 5,1 mm 70µm		0.01	12/0	10 cm	<i>black</i>	MN124
			0.1	11/0	10 cm	<i>black</i>	MN114
	MDR 3,8 mm 70µm		0.2	10/0	10 cm	<i>black</i>	MN104
			0.1	11/0	10 cm	<i>black</i>	MN113
	MDR 3,8 mm 100µm		0.2	10/0	15 cm	<i>black</i>	MN105
	MDR 5,1 mm 100µm		0.2	10/0	15 cm	<i>black</i>	MN106
			0.3	9/0	15 cm	<i>black</i>	MN096
MDR 6,4 mm 140µm		0.4	8/0	15 cm	<i>black</i>	MN087	
MDR 9,7 mm 200µm		0.5	7/0	45 cm	<i>black</i>	MN078	

Micro needle taper point		Metric	USP	Length	Order number	
<b>3/8 Circle</b> 	 MDR 5,1 mm 100µm		0.2	10/0	15 cm	<i>blue</i> MP106
	MDR 6,4 mm 150µm		0.3	9/0	15 cm	<i>blue</i> MP097

Micro needle taper point		Metric	USP	Length	Order number
<b>3/8 Circle</b> 	 MDR 6,4 mm 150µm	 0.4	8/0	20 cm	<i>violet</i> M910087

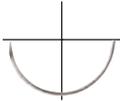
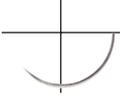
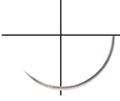
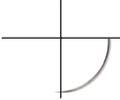


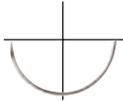
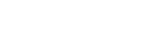
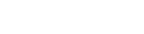
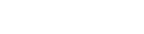
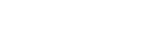
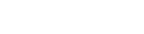
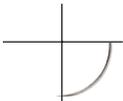
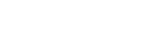
# OPHTHALMIC SURGERY

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Side cutting spatula double armed			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	2 x HSP 8 mm 200 µm		0.5	7/0	45 cm	<i>violet</i>	OSU07
Side cutting spatula double armed			Metric	USP	Length		Order number
<b>3/8 Circle</b> 	2 x DSP 6 mm 200 µm		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
	2 x DSP 8 mm 200 µm		0.5	7/0	45 cm	<i>violet</i>	OSU071
Side cutting spatula			Metric	USP	Length		Order number
<b>3/8 Circle</b> 	DSP 6,2 mm 150 µm		0.2	10/0	10 cm	<i>violet</i>	OSU101
Side cutting spatula double armed			Metric	USP	Length		Order number
<b>1/4 Circle</b> 	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>	OSU05

Side cutting spatula double armed			Metric	USP	Length		Order number
<b>1/2 Circle</b> 	2 x HSP 8 mm		0.5	7/0	45 cm	<i>violet</i>	O91007
	200 µm		0.7	6/0	45 cm	<i>violet</i>	O910061
2 x HSP 8 mm							
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2 x HSP 8 mm							
2 x DSP 6 mm			0.4	8/0	45 cm	<i>violet</i>	O91008
<b>3/8 Circle</b> 	200 µm		0.5	7/0	45 cm	<i>violet</i>	O910072
	220 µm		1	5/0	45 cm	<i>violet</i>	O910051
2 x DSP 6 mm							
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2 x DSP 6 mm							
2 x VSP 8 mm			0.7	6/0	45 cm	<i>violet</i>	O91006
<b>1/4 Circle</b> 	300 µm		0.7	6/0	45 cm	<i>undyed</i>	O91006U
	350 µm		1	5/0	45 cm	<i>violet</i>	O91005
2 x VSP 8 mm							
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# OPHTHALMIC SURGERY

**SILK**  
VIRGIN  
BLUE

## Side cutting spatula double armed



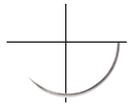
Metric

USP

Length

Order number

### 3/8 Circle



2 x DSP 6,5 mm  
200 µm



0.4

8/0

45 cm

*blue*

OS81

# OPHTHALMIC SURGERY

**SILK**  
BRAIDED  
BLACK

## Side cutting spatula double armed



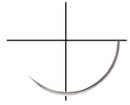
Metric

USP

Length

Order number

### 3/8 Circle



2 x DSP 6,5 mm  
200 µm



0.4

8/0

45 cm

*black*

OS81B

2 x DSP 6,5 mm  
240 µm



0.5

7/0

45 cm

*black*

OS71

0.7

6/0

45 cm

*black*

OS61

2 x DSP 8 mm  
350 µm



1

5/0

30 cm

*black*

OS52

## Side cutting spatula double armed



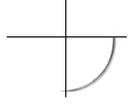
Metric

USP

Length

Order number

### 1/4 Circle



2 x VSP 8 mm  
250 µm



0.7

6/0

45 cm

*black*

OS62

2 x VSP 10 mm  
350 µm



1

5/0

45 cm

*black*

OS51

**smi**

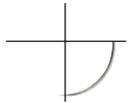
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### Round bodied taper point double armed



Metric      USP      Length      Order number

#### 1/4 Circle



2 x VR 8 mm  
220 µm



0.4

8/0

45 cm

*black*

ON81

### Side cutting spatula double armed



Metric      USP      Length      Order number

#### 1/2 Circle



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 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

0.1

11/0

20 cm

*black*

ON111

0.2

10/0

30 cm

*black*

ON101

0.3

9/0

30 cm

*black*

ON95

2 x DSP 6,2 mm  
150 µm



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

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

45 cm

*black*

ON105-45

2 x DSP 8 mm  
300 µm



0.7

6/0

45 cm

*black*

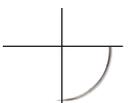
ON61

### Side cutting spatula double armed



Metric      USP      Length      Order number

#### 1/4 Circle



2 x VSP 8 mm  
220 µm



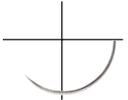
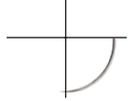
1

5/0

45 cm

*black*

ON51

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

**Side cutting spatula  
double armed**



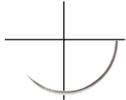
Metric

USP

Length

Order number

**3/8 Circle**



2 x DSP 6,4 mm  
200 µm



0.2

10/0

30 cm

*blue*

OPP105

**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

*blue*

OPP101



# *SPECIALITY PRODUCTS*

*For quality  
&  
safety*



[www.sutures.be](http://www.sutures.be)

## Skin Stapler & Remover

### INDICATIONS:

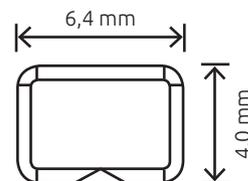
SMI Skin Stapler can be used for a variety of skin closures.

### 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.	<b>ZBP2</b>
Ø 3 mm	25 pc.	<b>ZBP3</b>
Ø 4 mm	25 pc.	<b>ZBP4</b>
Ø 5 mm	25 pc.	<b>ZBP5</b>
Ø 6 mm	25 pc.	<b>ZBP5</b>
Ø 8 mm	25 pc.	<b>ZBP8</b>
Ø 10 mm	15 pc.	<b>ZBP10</b>
Ø 12 mm	15 pc.	<b>ZBP12</b>

## 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

LIGHT MESH 5 pc.	15 cm x 15 cm	ZML1515
	30 cm x 30 cm	ZML3030
	6 cm x 11 cm	ZML0611
	10 cm x 15 cm	ZML1015
	7,5 cm x 15 cm	ZML07515

STANDARD MESH 5 pc.	15 cm x 15 cm	ZMS1515
	30 cm x 30 cm	ZMS3030
	6 cm x 11 cm	ZMS0611
	10 cm x 15 cm	ZMS1015
	7,5 cm x 15 cm	ZMS07515
	5 x 10 cm	ZMS0510

HEAVY MESH 5 pc.	15 cm x 15 cm	ZMH1515
	30 cm x 30 cm	ZMH3030
	6 cm x 11 cm	ZMH0611
	10 cm x 15 cm	ZMH1015
	7,5 cm x 15 cm	ZMH07515

### Plug Mesh

PLUG MESH 5 pc.	7 cm Ø - onlay 5 x 10 cm	ZMP7
	9 cm Ø - onlay 5 x 10 cm	ZMP9
	11 cm Ø - onlay 5 x 10 cm	ZMP11

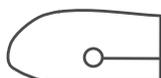
Plug flat



Plug shaped



Onlay



## 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**

## Episio Set

Surgicryl® Rapid: Synthetic absorbable Polyglycolic Acid – braided and coated multifilament - fast absorption

Reverse cutting

Round bodied tapercut point

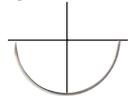


Order number

3/8 Circle



1/2 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 x USP 2/0 – DS 26 mm – 75 cm  
1 x USP 0 – HRT 40 mm – 90 cm

undyed

S-1430-1435-1

## Cervix set

Shirodkar cervix suture set

Order number

2 x blunt needle



2 x HRB 50 mm

4 mm polyester tape 40 cm

ZCE1

4 mm polyester tape 50 cm

ZCE4

2 x HRB 65 mm

4 mm polyester tape 50 cm

ZCE3

without needle

4 mm polyester tape 75 cm

ZCE5

## Patella Set

Cutting



Metric

USP

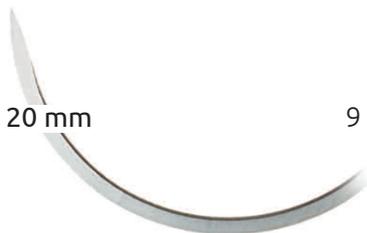
Length

Order number

1/2 Circle



NH 120 mm



9

7

60 cm

ST75

## Pilomat

**Tablet Crusher Z045**

To crush tablets with a simple flick of the wrist.

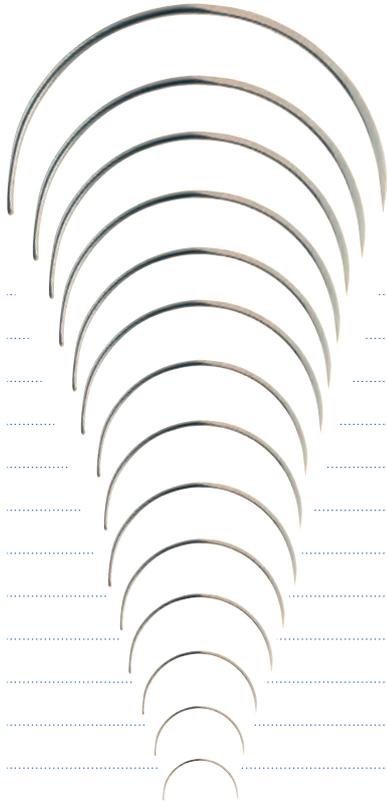


**Tablet Splitter Z044**

To cut tablets of any size in two.

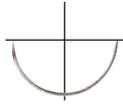


## Needles



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
35 mm N°10	Z 711	Z 761	Z 811	Z 861
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

SKI NEEDLES  
half curved



Ordinary Eye



Spring Eye

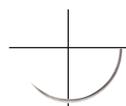


80 mm N°1	Z 202	
70 mm N°2	Z 203	
65 mm N°3	Z 204	
60 mm N°4	Z 205	
57 mm N°5	Z 201	
55 mm N°6	Z 206	
50 mm N°7	Z 207	
45 mm N°8	Z 208	
40 mm N°9		Z 260
35 mm N°10		Z 261
30 mm N°12		Z 262
25 mm N°13		Z 263
20 mm N°15		Z 264
16 mm N°16		Z 266
12 mm N°20		Z 268





## 3/8 Circle



	 Ordinary Eye BN 		 Ordinary Eye BRN 		 Ordinary Eye BRT 
	Spring Eye BF 	Spring Eye BRF 			
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			

## STRAIGHT



	 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

## 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

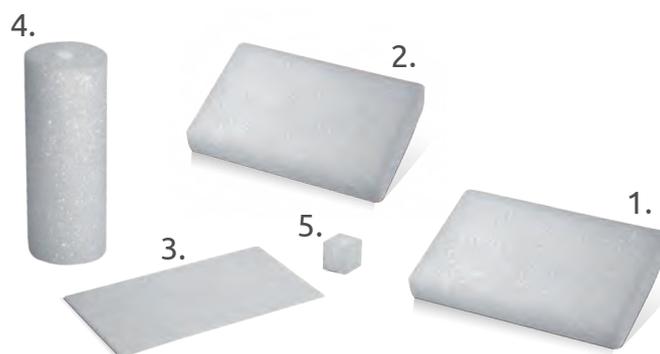
### *Absorbable Haemostatic Gelatin Sponge*

### 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