

# SMI

## *SUTURE MATERIALS*

*For quality  
&  
safety*



SMI

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

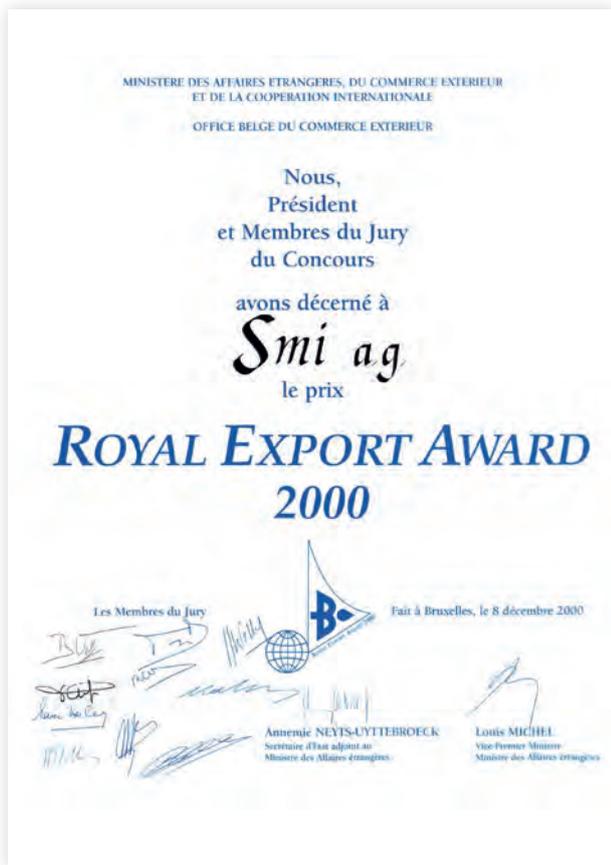
### *THE CATALOGUE - EDITION 2019*

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.

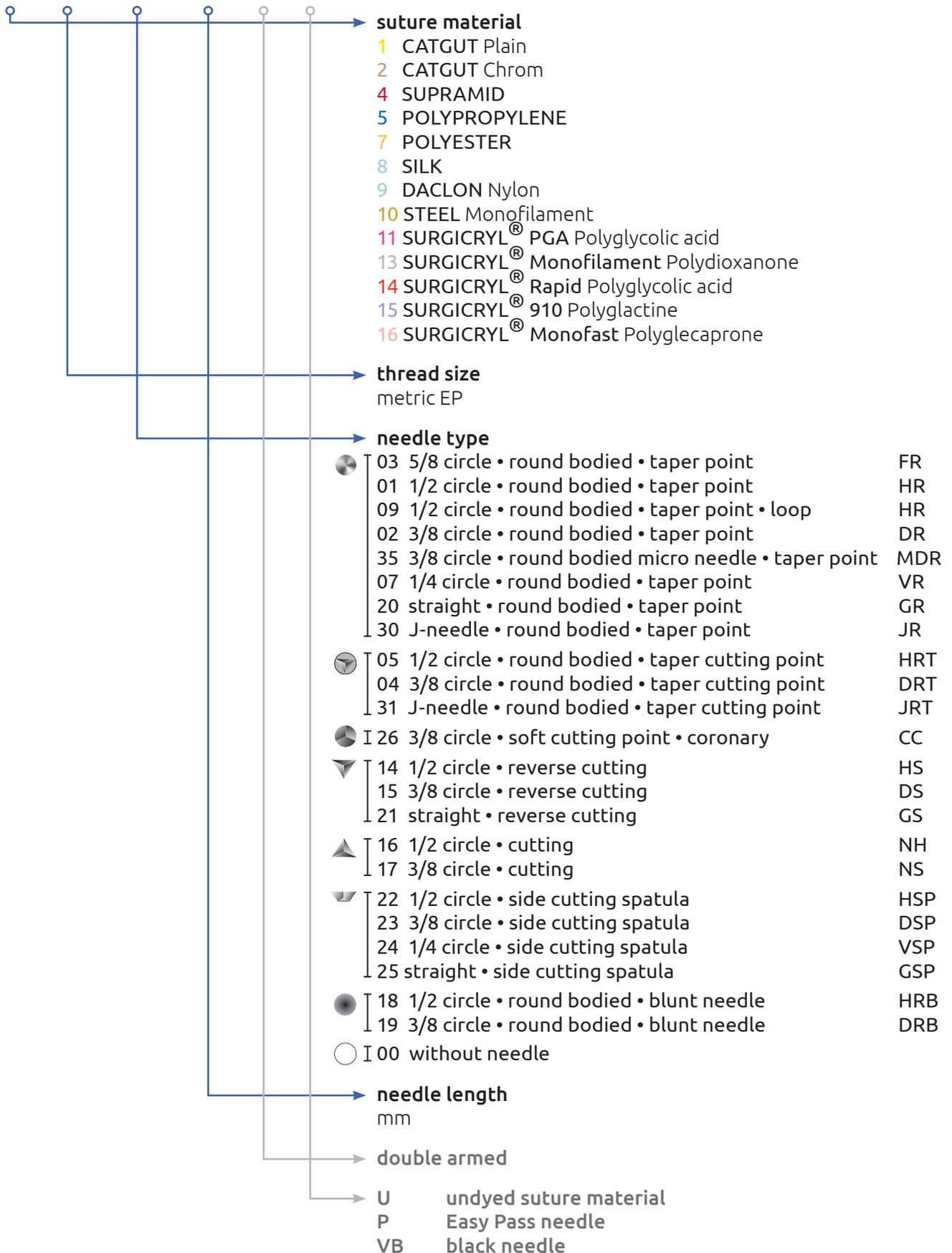
Since many years SMI products are recognized by top surgeons around the world.





# 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

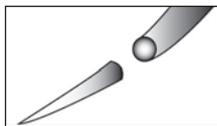
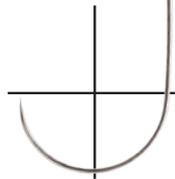
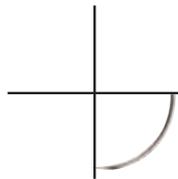
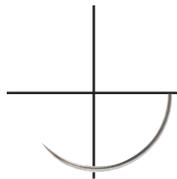
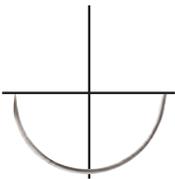
1/2 CIRCLE

3/8 CIRCLE

1/4 CIRCLE

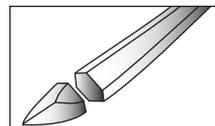
J-NEEDLE

STRAIGHT



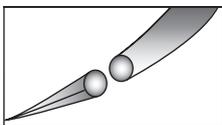
### TAPER POINT

A gradual taper to a round bodied needle.



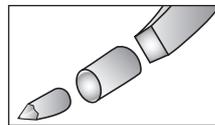
### SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



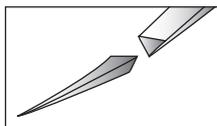
### TAPER CUTTING POINT

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



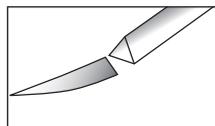
### SOFT CUTTING POINT - CORONARY

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



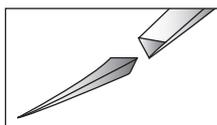
### REVERSE CUTTING

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



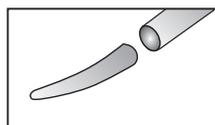
### CONVENTIONAL CUTTING

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



### EASY PASS NEEDLE

Precision point with extra sharpening.

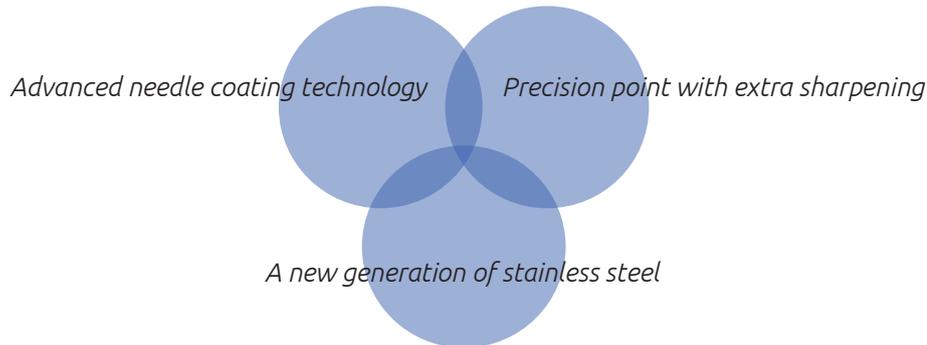


### BLUNT NEEDLE

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

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

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



## CHARACTERISTICS

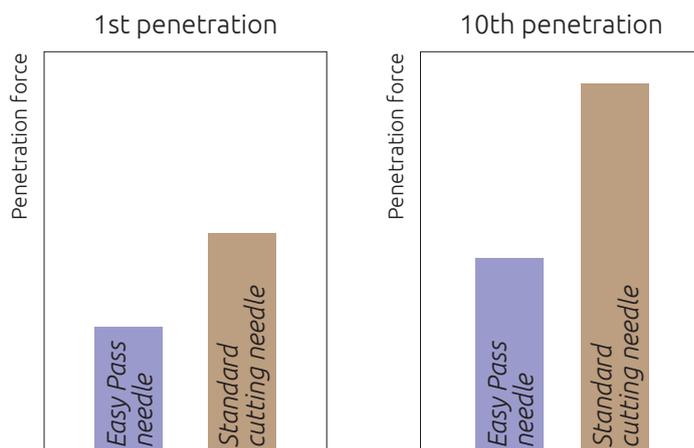
- ✓ Precision point with extra sharpening
- ✓ A new generation of stainless steel
- ✓ Advanced needle coating technology  
Silicone coating covers entire surgical needle

## BENEFITS

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

**INDICATIONS**    Cosmetic and plastic surgery

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



# SUTURE MATERIALS

## ABSORBABLE SUTURES



**SURGICRYL®**  
910  
POLYGLACTINE



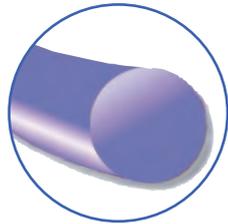
**SURGICRYL®**  
PGA  
POLYGLYCOLIC ACID



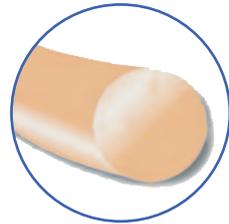
**SURGICRYL®**  
RAPID  
POLYGLYCOLIC ACID



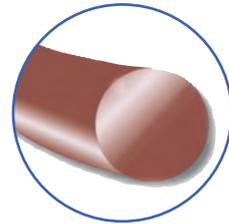
**SURGICRYL®**  
MONOFAST  
POLYGLICAPRONE 25



**SURGICRYL®**  
MONOFILAMENT  
POLYDIOXANONE

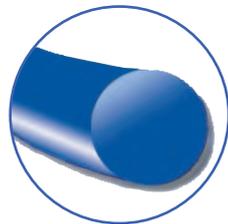


**CATGUT**  
PLAIN



**CATGUT**  
CHROM

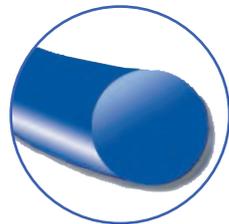
## NON-ABSORBABLE SUTURES



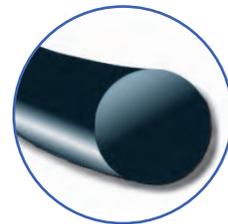
**POLYPROPYLENE**  
BLUE



**POLYESTER**



**DACLON**  
NYLON  
BLUE



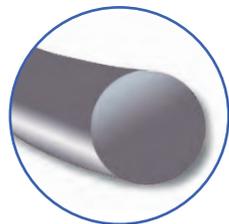
**DACLON**  
NYLON  
BLACK



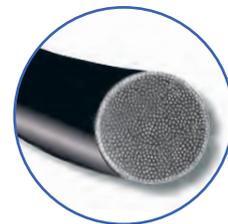
**SILK**  
BRAIDED  
BLACK



**SILK**  
VIRGIN  
BLUE



**STEEL**  
MONOFILAMENT



**SUPRAMID**  
BLACK

## Sutures in foil packs

absorbable

- SURGICRYL<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

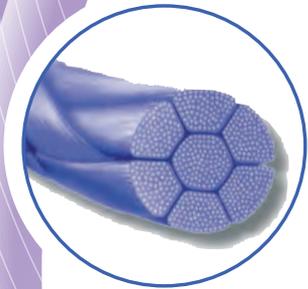
- SILK Braided black
- SUPRAMID Polyamide white
- SUPRAMID Polyamide black
- LINAFILE Natural
- VITAFIL Polyester white
- DERMAFIL Polyester green
- DACLON Nylon
- STEEL Monofilament

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®

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

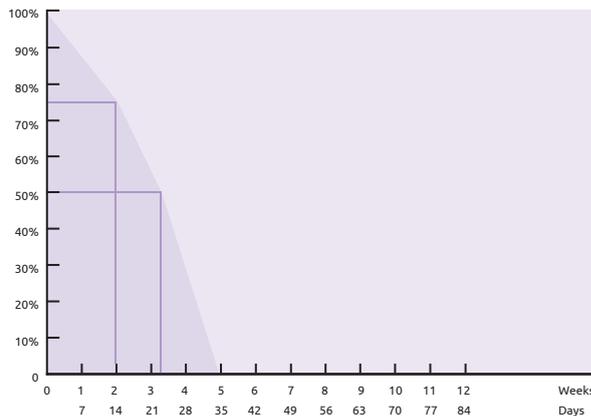
- General surgery
- Skin closure
- Gastrointestinal surgery
- Plastic surgery
- Ophthalmic surgery
- Gynaecology
- Obstetrics
- Orthopaedics
- Urology

**CONTRAINDICATIONS** Cardiovascular surgery  
Neurosurgery

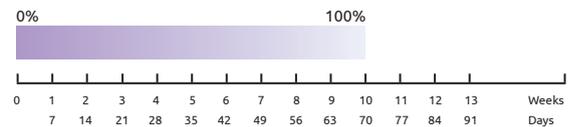
Being absorbable not to use when an extended wound support is required.

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

Without needle



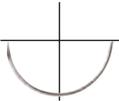
Ligapack



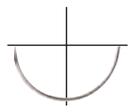
**Metric      USP      Length      Order number**

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

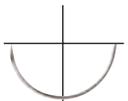
Round bodied taper point 

1/2 Circle 

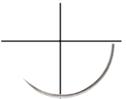
		Metric	USP	Length	Color	Order number
HR 13 mm		0.7	6/0	75 cm	violet	15070113
		1	5/0	75 cm	violet	15100113
		1.5	4/0	75 cm	violet	15150113
HR 17 mm		1	5/0	75 cm	violet	15100117
		1.5	4/0	75 cm	violet	15150117
		2	3/0	75 cm	violet	15200117
HR 22 mm		3	2/0	75 cm	violet	15300117
		1.5	4/0	75 cm	violet	15150122
		2	3/0	75 cm	violet	15200122
HR 26 mm		3	2/0	75 cm	violet	15300122
		4	1	75 cm	violet	15400122
		1.5	4/0	75 cm	violet	15150126
HR 30 mm		2	3/0	75 cm	violet	15200126
		3	2/0	75 cm	violet	15300126
		3.5	0	75 cm	violet	15350126
		4	1	75 cm	violet	15400126
		5	2	75 cm	violet	15500126
HR 36 mm		2	3/0	75 cm	violet	15200130
		3	2/0	75 cm	violet	15300130
		3.5	0	90 cm	violet	15350130
		4	1	90 cm	violet	15400130
HR 40 mm		5	2	90 cm	violet	15500130
		2	3/0	75 cm	violet	15200136
		3	2/0	75 cm	violet	15300136
HR 45 mm		3.5	0	75 cm	violet	15350136
		4	1	90 cm	violet	15400136
		5	2	90 cm	violet	15500136
		2	3/0	75 cm	violet	15200140
		3	2/0	75 cm	violet	15300140
		3.5	0	75 cm	violet	15350140-75
HR 45 mm		3.5	0	90 cm	violet	15350140
		4	1	75 cm	violet	15400140-75
		4	1	90 cm	violet	15400140
		5	2	75 cm	violet	15500140-75
		5	2	90 cm	violet	15500140

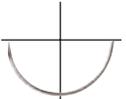
Round bodied taper point 		Metric	USP	Length		Order number
HR 48 mm 		3	2/0	90 cm	<i>violet</i>	15300148
		3.5	0	90 cm	<i>violet</i>	15350148
		4	1	90 cm	<i>violet</i>	15400148
		5	2	90 cm	<i>violet</i>	15500148
HR 60 mm 		3.5	0	75 cm	<i>violet</i>	15350160
		4	1	75 cm	<i>violet</i>	15400160
1/2 Circle  HR 65 mm 		3	2/0	90 cm	<i>violet</i>	15300165
		3.5	0	90 cm	<i>violet</i>	15350165
HR 80 mm 		4	1	100 cm	<i>violet</i>	15400180

Round bodied taper point double armed 		Metric	USP	Length		Order number
1/2 Circle  2 x HR 26 mm 		2	3/0	75 cm	<i>violet</i>	15200126-2

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

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>	15300327
		3.5	0	75 cm	<i>violet</i>	15350327

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 	2	3/0	75 cm	<i>violet</i>	15200222
	DR 30 mm 	4	1	75 cm	<i>violet</i>	15400230

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

Reverse cutting



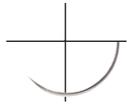
Metric

USP

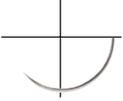
Length

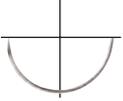
Order number

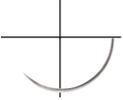
3/8 Circle



			Metric	USP	Length		Order number
DS 12 mm		0.7	6/0	45 cm	<i>violet</i>	15071512	
		1	5/0	45 cm	<i>violet</i>	15101512	
		1.5	4/0	45 cm	<i>violet</i>	15151512	
DS 16 mm		0.7	6/0	45 cm	<i>violet</i>	15071516	
		1	5/0	75 cm	<i>violet</i>	15101516	
		1.5	4/0	75 cm	<i>violet</i>	15151516	
		2	3/0	45 cm	<i>violet</i>	15201516-45	
DS 16 mm Easy Pass		2	3/0	50 cm	<i>undyed</i>	15201516UP	
DS 16 mm black		0.7	6/0	45 cm	<i>violet</i>	15071516VB	
DS 19 mm		1	5/0	75 cm	<i>violet</i>	15101519	
		1.5	4/0	75 cm	<i>violet</i>	15151519	
		2	3/0	75 cm	<i>violet</i>	15201519	
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>undyed</i>	15151519UP	
DS 19 mm black		1	5/0	75 cm	<i>violet</i>	15101519VB	
		1.5	4/0	75 cm	<i>violet</i>	15151519VB	
DS 24 mm		1.5	4/0	75 cm	<i>violet</i>	15151524	
		2	3/0	75 cm	<i>violet</i>	15201524	
		3	2/0	75 cm	<i>violet</i>	15301524	
		3.5	0	75 cm	<i>violet</i>	15351524	
DS 24 mm Easy Pass		2	3/0	50 cm	<i>undyed</i>	15201524UP	
DS 26 mm		2	3/0	75 cm	<i>violet</i>	15201526	
		3	2/0	75 cm	<i>violet</i>	15301526	
DS 26 mm Easy Pass		2	3/0	75 cm	<i>undyed</i>	15201526UP	
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 36 mm		3	2/0	75 cm	<i>violet</i>	15301536	
		3.5	0	75 cm	<i>violet</i>	15351536	
		4	1	75 cm	<i>violet</i>	15401536	
DS 40 mm		3.5	0	75 cm	<i>violet</i>	15351540	
		4	1	75 cm	<i>violet</i>	15401540	
DS 45 mm		3	2/0	75 cm	<i>violet</i>	15301545	

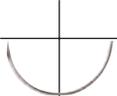
Reverse cutting 	Metric	USP	Length	Order number	
<b>3/8 circle</b> 	DS 80 mm	7	5	150 cm	<i>violet</i> 15701580

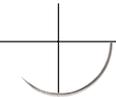
Round bodied taper cutting point 	Metric	USP	Length	Order number	
<b>1/2 Circle</b> 	HRT 13 mm 	1.5	4/0	75 cm	<i>violet</i> 15150513
	HRT 17 mm 	1.5	4/0	75 cm	<i>violet</i> 15150517
		2	3/0	75 cm	<i>violet</i> 15200517
	HRT 26 mm 	1.5	4/0	75 cm	<i>violet</i> 15150526
		2	3/0	75 cm	<i>violet</i> 15200526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

Round bodied taper cutting point 	Metric	USP	Length	Order number	
<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 taper cutting 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>	GS 60 mm	2	3/0	75 cm	<i>violet</i> 15202160
		3	2/0	75 cm	<i>violet</i> 15302160

Blunt 		Metric	USP	Length	Order number
<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
	DRB 85 mm	5	2	75 cm	<i>violet</i> 15501985

# SURGICRYL<sup>®</sup>

## PGA

### POLYGLYCOLIC ACID

SURGICRYL<sup>®</sup>  
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

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

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

## BENEFITS

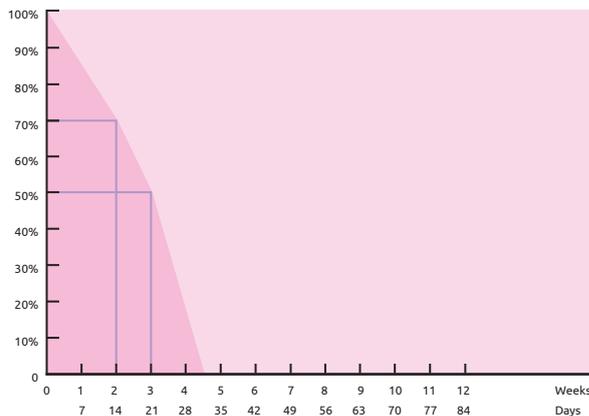
- Excellent tissue support
- Minimal tissue reaction
- Predictable absorption rate
- Excellent handling properties
  - High flexibility
  - High tensile strength
  - Excellent knot security
- Soft passage through the tissues with minimal sawing, tissue drag and trauma
- Good knot tie down / adjustability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

**CONTRAINDICATIONS** Cardiovascular surgery  
Neurosurgery

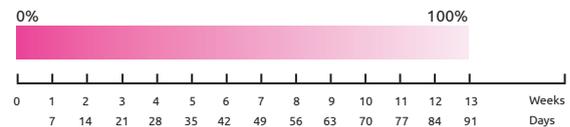
Being absorbable not to use when an extended wound support is required.

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

## TENSILE STRENGTH



## ABSORPTION



Without needle



Metric	USP	Length		Order number
2	3/0	150 cm	<i>violet</i>	11200015
3	2/0	150 cm	<i>violet</i>	11300015
3.5	0	150 cm	<i>violet</i>	11350015
4	1	150 cm	<i>violet</i>	11400015
5	2	150 cm	<i>violet</i>	11500015
6	3&4	150 cm	<i>violet</i>	11600015
7	5	150 cm	<i>violet</i>	11700015
8	6	150 cm	<i>violet</i>	11800015
1.5	4/0	3 x 50 cm	<i>violet</i>	11150050
2	3/0	3 x 50 cm	<i>violet</i>	11200050
3	2/0	3 x 50 cm	<i>violet</i>	11300050
3.5	0	3 x 50 cm	<i>violet</i>	11350050
4	1	3 x 50 cm	<i>violet</i>	11400050
5	2	3 x 50 cm	<i>violet</i>	11500050
2	3/0	12 x 45 cm	<i>violet</i>	11200045
3	2/0	12 x 45 cm	<i>violet</i>	11300045
3.5	0	12 x 45 cm	<i>violet</i>	11350045
4	1	12 x 45 cm	<i>violet</i>	11400045
5	2	12 x 45 cm	<i>violet</i>	11500045
1.5	4/0	6 x 45 cm	<i>violet</i>	11150045-6
2	3/0	6 x 45 cm	<i>violet</i>	11200045-6
3	2/0	6 x 45 cm	<i>violet</i>	11300045-6
3.5	0	6 x 45 cm	<i>violet</i>	11350045-6
4	1	6 x 45 cm	<i>violet</i>	11400045-6
5	2	6 x 45 cm	<i>violet</i>	11500045-6
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

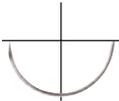


Metric	USP	Length		Order number
1.5	4/0	250 cm	<i>violet</i>	11150025
2	3/0	250 cm	<i>violet</i>	11200025
3	2/0	250 cm	<i>violet</i>	11300025
3.5	0	250 cm	<i>violet</i>	11350025
4	1	250 cm	<i>violet</i>	11400025
5	2	250 cm	<i>violet</i>	11500025
6	3&4	250 cm	<i>violet</i>	11600025

## Round bodied taper point

### 1/2 circle

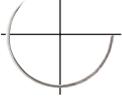
	Metric	USP	Length		Order number
HR 13 mm 	0.7	6/0	75 cm	<i>violet</i>	11070113
	1	5/0	75 cm	<i>violet</i>	11100113
	1.5	4/0	75 cm	<i>violet</i>	11150113
HR 17 mm 	0.7	6/0	75 cm	<i>violet</i>	11070117
	1	5/0	75 cm	<i>violet</i>	11100117
	1.5	4/0	75 cm	<i>violet</i>	11150117
	2	3/0	75 cm	<i>violet</i>	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
	3	2/0	75 cm	<i>violet</i>	11300122
HR 26 mm 	1.5	4/0	75 cm	<i>violet</i>	11150126
	2	3/0	75 cm	<i>violet</i>	11200126
	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

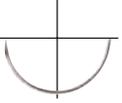
Round bodied taper point 		Metric	USP	Length		Order number
<b>1/2 circle</b> 	HR 40 mm 	3	2/0	75 cm	<i>violet</i>	11300140
		3.5	0	90 cm	<i>violet</i>	11350140
		4	1	75 cm	<i>violet</i>	11400140-75
		4	1	90 cm	<i>violet</i>	11400140
		5	2	75 cm	<i>violet</i>	11500140-75
	HR 48 mm 	5	2	90 cm	<i>violet</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		

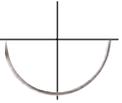
Round bodied taper point 		Metric	USP	Length		Order number
<b>3/8 circle</b> 	DR 17 mm 	1.5	4/0	75 cm	<i>violet</i>	11150217
		2	3/0	75 cm	<i>violet</i>	11200217

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
<b>5/8 circle</b>  <b>J-needle</b> 	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
<b>1/2 circle</b> 	HR 50 mm	4	1	150 cm	<i>violet</i> 11400950
					

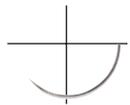
Round bodied taper cutting point 		Metric	USP	Length	Order number
<b>1/2 circle</b> 	HRT 26 mm	3	2/0	75 cm	<i>violet</i> 11300526
	HRT 30 mm	3	2/0	75 cm	<i>violet</i> 11300530
		3.5	0	75 cm	<i>violet</i> 11350530
		4	1	75 cm	<i>violet</i> 11400530
	HRT 36 mm	3	2/0	90 cm	<i>violet</i> 11300536
		3.5	0	90 cm	<i>violet</i> 11350536
		4	1	90 cm	<i>violet</i> 11400536
	HRT 40 mm	3.5	0	90 cm	<i>violet</i> 11350540
		4	1	90 cm	<i>violet</i> 11400540
		5	2	90 cm	<i>violet</i> 11500540
	HRT 48 mm	4	1	90 cm	<i>violet</i> 11400548
					

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

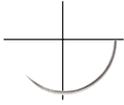
Reverse cutting

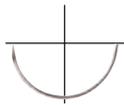


3/8 circle

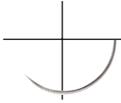


		Metric	USP	Length		Order number
DS 12 mm		0.7	6/0	45 cm	<i>violet</i>	11071512
		0.7	6/0	45 cm	<i>undyed</i>	11071512U
		1	5/0	45 cm	<i>violet</i>	11101512
		1.5	4/0	75 cm	<i>violet</i>	11151512
DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>undyed</i>	11071512UP
		1	5/0	50 cm	<i>undyed</i>	11101512UP
		1.5	4/0	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
3/8 circle 	DS 36 mm 	3	2/0	75 cm	<i>violet</i> 11301536
		3.5	0	75 cm	<i>violet</i> 11351536
		4	1	75 cm	<i>violet</i> 11401536
	DS 40 mm 	5	2	75 cm	<i>violet</i> 11501536
		3	2/0	75 cm	<i>violet</i> 11301540
		3.5	0	75 cm	<i>violet</i> 11351540
		4	1	75 cm	<i>violet</i> 11401540
		5	2	75 cm	<i>violet</i> 11501540

Reverse cutting 		Metric	USP	Length	Order number
1/2 circle 	HS 22 mm 	2	3/0	75 cm	<i>violet</i> 11201422
		2	3/0	75 cm	<i>undyed</i> 11201422U
		3	2/0	75 cm	<i>violet</i> 11301422
		3	2/0	75 cm	<i>undyed</i> 11301422U
	HS 26 mm 	1.5	4/0	75 cm	<i>violet</i> 11151426
		2	3/0	75 cm	<i>violet</i> 11201426
		3	2/0	75 cm	<i>violet</i> 11301426
		3.5	0	75 cm	<i>violet</i> 11351426
	HS 30 mm 	2	3/0	75 cm	<i>violet</i> 11201430
		3	2/0	75 cm	<i>violet</i> 11301430
		5	2	90 cm	<i>violet</i> 11501430
	HS 36 mm 	3	2/0	90 cm	<i>violet</i> 11301436
		3.5	0	90 cm	<i>violet</i> 11351436
		4	1	90 cm	<i>violet</i> 11401436
		5	2	90 cm	<i>violet</i> 11501436
	HS 40 mm 	3	2/0	90 cm	<i>violet</i> 11301440
		3.5	0	90 cm	<i>violet</i> 11351440
		4	1	90 cm	<i>violet</i> 11401440
HS 48 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	
	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*

The logo for SMI, consisting of the letters "smi" in a stylized, lowercase, blue font with a white outline.

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

# 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

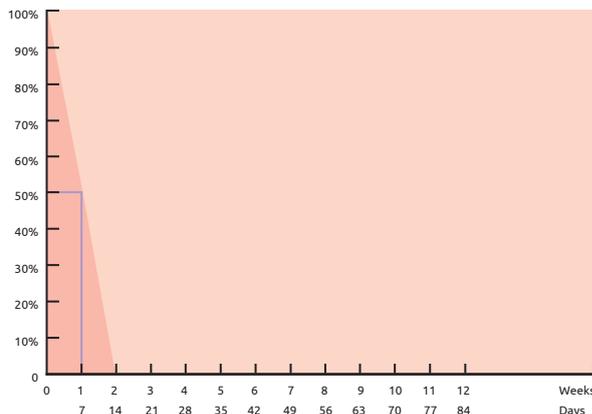
especially in Plastic surgery  
Obstetrics (Episiotomy repair)  
Gynaecology  
Urology (Circumcision)  
Ophthalmic surgery (Conjunctiva)  
Pediatric surgery

**CONTRAINDICATIONS** Cardiovascular surgery  
Neurosurgery  
Ligation

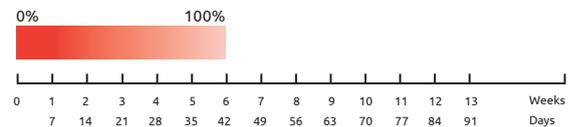
When wound support for more than 7 days is required.

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

#### TENSILE STRENGTH



#### ABSORPTION



Without needle



Metric      USP      Length      Order number

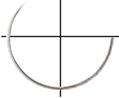
2	3/0	150 cm	<i>undyed</i> 14200015
3	2/0	150 cm	<i>undyed</i> 14300015
3.5	0	150 cm	<i>undyed</i> 14350015
4	1	150 cm	<i>undyed</i> 14400015
5	2	150 cm	<i>undyed</i> 14500015

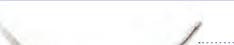
Round bodied taper point

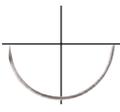


Metric      USP      Length      Order number

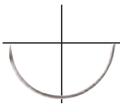
<p>1/2 circle</p>	HR 13 mm		1	5/0	75 cm	<i>undyed</i> 14100113
	HR 17 mm		1	5/0	75 cm	<i>undyed</i> 14100117
			1.5	4/0	75 cm	<i>undyed</i> 14150117
	HR 22 mm		2	3/0	75 cm	<i>undyed</i> 14200117
			1.5	4/0	75 cm	<i>undyed</i> 14150122
	HR 26 mm		2	3/0	75 cm	<i>undyed</i> 14200122
			3	2/0	75 cm	<i>undyed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

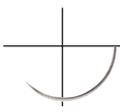
Round bodied taper point 		Metric	USP	Length	Order number	
5/8 circle 	FR 17 mm 	1.5	4/0	75 cm	<i>undyed</i>	14150317

Reverse cutting 		Metric	USP	Length	Order number	
3/8 circle 	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 16 mm black 	1	5/0	75 cm	<i>undyed</i>	14101516VB
	DS 19 mm 	1	5/0	75 cm	<i>undyed</i>	14101519
		1.5	4/0	75 cm	<i>undyed</i>	14151519
		2	3/0	75 cm	<i>undyed</i>	14201519
		3	2/0	75 cm	<i>undyed</i>	14301519
	DS 19 mm Easy Pass 	1.5	4/0	50 cm	<i>undyed</i>	14151519P
		2	3/0	50 cm	<i>undyed</i>	14201519P
	DS 19 mm black 	1.5	4/0	75 cm	<i>undyed</i>	14151519VB
		2	3/0	75 cm	<i>undyed</i>	14201519VB
	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	
DS 26 mm 	2	3/0	75 cm	<i>undyed</i>	14201526	
	3	2/0	75 cm	<i>undyed</i>	14301526	
	3.5	0	75 cm	<i>undyed</i>	14351526	
DS 30 mm 	3.5	0	90 cm	<i>undyed</i>	14351530	
DS 36 mm 	3	2/0	75 cm	<i>undyed</i>	14301536	
	3.5	0	75 cm	<i>undyed</i>	14351536	

Reverse cutting 		Metric	USP	Length	Order number
1/2 Circle 	HS 17 mm 	1.5	4/0	45 cm	<i>undyed</i> 14151417
		2	3/0	45 cm	<i>undyed</i> 14201417
	HS 36 mm 	3	2/0	75 cm	<i>undyed</i> 14301436
		3.5	0	75 cm	<i>undyed</i> 14351436
	HS 40 mm 	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
Straight	GS 60 mm 	2	3/0	75 cm	<i>undyed</i> 14202160

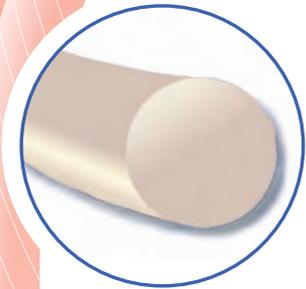
Round bodied taper cutting point 		Metric	USP	Length	Order number
1/2 Circle 	HRT 17 mm 	2	3/0	75 cm	<i>undyed</i> 14200517
		3	2/0	75 cm	<i>undyed</i> 14300526
	HRT 36 mm 	3	2/0	90 cm	<i>undyed</i> 14300536
		3.5	0	90 cm	<i>undyed</i> 14350536
	HRT 40 mm 	4	1	90 cm	<i>undyed</i> 14400536
		3	2/0	90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

Round bodied taper cutting point 		Metric	USP	Length	Order number
3/8 Circle 	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
	DRT 19 mm 	1.5	4/0	75 cm	<i>undyed</i> 14150419
		2	3/0	75 cm	<i>undyed</i> 14200419

# SURGICRYL<sup>®</sup>

## MONOFAST

### POLYGLCAPRONE 25



<b>Type</b>	Monofilament
<b>Composition</b>	Polyglecaprone 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



*For quality  
&  
safety*

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

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## 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

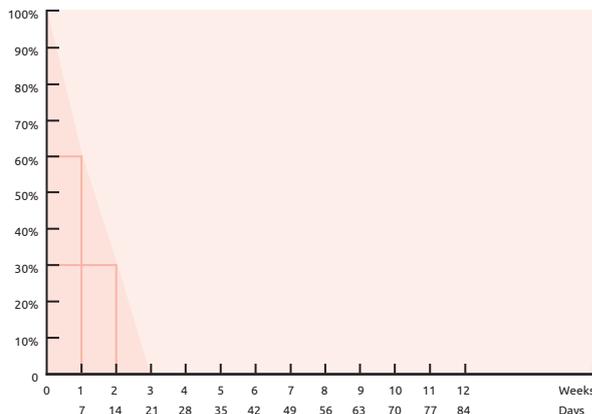
**INDICATIONS** Superficial soft tissue and/or ligation  
 especially in General surgery  
 Skin closure  
 Plastic surgery  
 Gastrointestinal surgery  
 Gynaecology  
 Urology

**CONTRAINDICATIONS** Cardiovascular surgery  
 Neurosurgery  
 Ophthalmic surgery

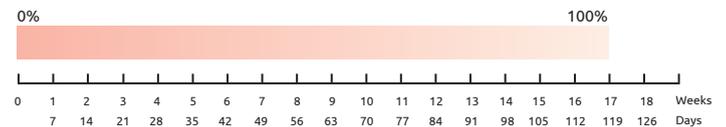
Being absorbable not to use when an extended wound support is required.

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**

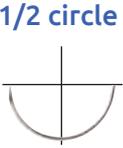
**Ligapack**



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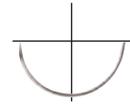
Round bodied taper point 

**Metric      USP      Length      Order number**

	HR 13 mm 	0.7	6/0	45 cm	<i>violet</i>	16070113
		1	5/0	45 cm	<i>violet</i>	16100113
		1.5	4/0	75 cm	<i>violet</i>	16150113
	HR 17 mm 	1	5/0	45 cm	<i>violet</i>	16100117
		1.5	4/0	75 cm	<i>violet</i>	16150117
		2	3/0	75 cm	<i>violet</i>	16200117
	HR 22 mm 	1.5	4/0	75 cm	<i>violet</i>	16150122
		2	3/0	75 cm	<i>violet</i>	16200122
		3	2/0	75 cm	<i>violet</i>	16300122
	HR 26 mm 	1.5	4/0	75 cm	<i>violet</i>	16150126
		2	3/0	75 cm	<i>violet</i>	16200126
		3	2/0	75 cm	<i>violet</i>	16300126
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	
	3	2/0	75 cm	<i>violet</i>	16300140	
		3.5	0	90 cm	<i>violet</i>	16350140
		4	1	90 cm	<i>violet</i>	16400140

### Round bodied taper point

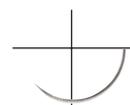
### 1/2 circle



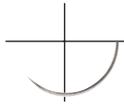
		Metric	USP	Length		Order number
HR 48 mm 		3.5	0	90 cm	<i>violet</i>	16350148
		4	1	90 cm	<i>violet</i>	16400148
HR 65 mm 		3	2/0	90 cm	<i>violet</i>	16300165

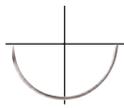
### Reverse cutting

### 3/8 circle

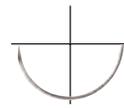


		Metric	USP	Length		Order number
DS 12 mm 		0.7	6/0	45 cm	<i>undyed</i>	16071512
		0.7	6/0	75 cm	<i>undyed</i>	16071512-75
		0.7	6/0	75 cm	<i>violet</i>	16071512V
		1	5/0	45 cm	<i>undyed</i>	16101512
DS 12 mm Easy Pass 		1	5/0	45 cm	<i>violet</i>	16101512V
		0.7	6/0	50 cm	<i>undyed</i>	16071512P
		1	5/0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

Reverse cutting 		Metric	USP	Length		Order number
<b>3/8 circle</b> 	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
		1.5	4/0	75 cm	<i>undyed</i>	16151526
	DS 26 mm 	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
	DS 30 mm 	3	2/0	75 cm	<i>violet</i>	16301526V
		3.5	0	75 cm	<i>violet</i>	16351530V
	DS 40 mm 	3.5	0	75 cm	<i>undyed</i>	16351540
		4	1	90 cm	<i>undyed</i>	16401540

Reverse cutting 		Metric	USP	Length		Order number
<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

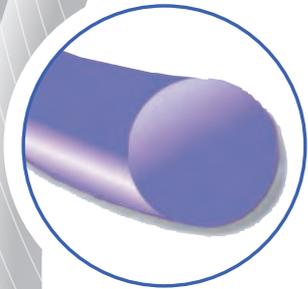
Cutting 		Metric	USP	Length		Order number
<b>Straight</b> 	GS 60 mm 	2	3/0	75 cm	<i>undyed</i>	16202160
		3	2/0	75 cm	<i>undyed</i>	16302160

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



*For quality  
&  
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

#### INDICATIONS

General soft tissue closing especially in

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

#### 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

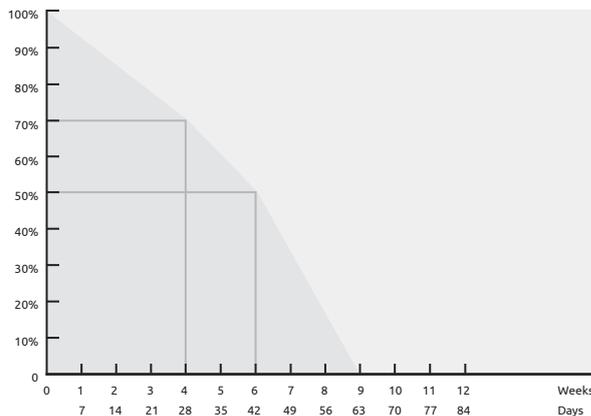
#### CONTRAINDICATIONS

Cardiovascular surgery  
Neurosurgery  
Prosthetic devices

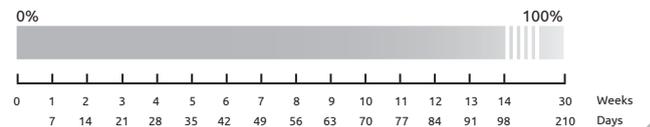
Being absorbable not to use when wound support for more than 6 weeks is required.

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

#### TENSILE STRENGTH



#### ABSORPTION



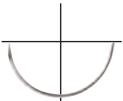
Without needle 

Metric      USP      Length      Order number

5	2	150 cm	<i>violet</i>	13500015
6	3&4	150 cm	<i>violet</i>	13600015

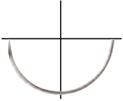
Round bodied taper point 

Metric      USP      Length      Order number

<b>1/2 circle</b> 	HR 13 mm		0.7	6/0	75 cm	<i>violet</i>	13070113
			1	5/0	75 cm	<i>violet</i>	13100113
	HR 17 mm		0.7	6/0	75 cm	<i>violet</i>	13070117
			1	5/0	75 cm	<i>violet</i>	13100117
			1.5	4/0	75 cm	<i>violet</i>	13150117
	HR 22 mm		2	3/0	75 cm	<i>violet</i>	13200117
			1.5	4/0	75 cm	<i>violet</i>	13150122
	HR 26 mm		2	3/0	75 cm	<i>violet</i>	13200122
			3	2/0	75 cm	<i>violet</i>	13300126
			3.5	0	75 cm	<i>violet</i>	13350126
	HR 30 mm		2	3/0	75 cm	<i>violet</i>	13200130
			3	2/0	75 cm	<i>violet</i>	13300130
	HR 36 mm		3.5	0	75 cm	<i>violet</i>	13350130
			3	2/0	75 cm	<i>violet</i>	13300136
			3.5	0	90 cm	<i>violet</i>	13350136
	HR 40 mm		4	1	90 cm	<i>violet</i>	13400136
			3	2/0	75 cm	<i>violet</i>	13300140
			3.5	0	90 cm	<i>violet</i>	13350140
	HR 48 mm		4	1	90 cm	<i>violet</i>	13400140
			5	2	90 cm	<i>violet</i>	13500140
4			1	90 cm	<i>violet</i>	13400148	
			5	2	90 cm	<i>violet</i>	13500148

Round bodied taper point double armed 

Metric      USP      Length      Order number

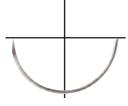
<b>1/2 circle</b> 	2 x HR 13 mm		1	5/0	75 cm	<i>violet</i>	13100113-2
			1	5/0	90 cm	<i>violet</i>	13100117-2
	2 x HR 17 mm		1.5	4/0	75 cm	<i>violet</i>	13150117-2

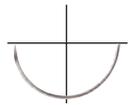
Round bodied taper point double armed			Metric	USP	Length	Order number
<b>3/8 circle</b> 	2 x DR 13 mm		0.5	7/0	45 cm	<i>violet</i> 13050213-2
			0.7	6/0	75 cm	<i>violet</i> 13070213-2

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 16 mm black		1	5/0	75 cm	<i>violet</i> 13101516VB
	DS 19 mm		1	5/0	45 cm	<i>violet</i> 13101519
			1	5/0	75 cm	<i>violet</i> 13101519-75
			1.5	4/0	75 cm	<i>violet</i> 13151519
			2	3/0	75 cm	<i>violet</i> 13201519
	DS 19 mm Easy Pass		1	5/0	50 cm	<i>violet</i> 13101516P
	DS 19 mm black		1.5	4/0	75 cm	<i>violet</i> 13151519VB

Reverse cutting 		Metric	USP	Length	Order number	
<b>3/8 circle</b> 	DS 24 mm 	1.5	4/0	75 cm	<i>violet</i>	13151524
		2	3/0	75 cm	<i>violet</i>	13201524
		3	2/0	75 cm	<i>violet</i>	13301524
		3.5	0	75 cm	<i>violet</i>	13351524
	DS 26 mm 	2	3/0	75 cm	<i>violet</i>	13201526
		3	2/0	75 cm	<i>violet</i>	13301526
	DS 30 mm 	3	2/0	75 cm	<i>violet</i>	13301530
		3.5	0	75 cm	<i>violet</i>	13351530
	DS 40 mm 	4	1	90 cm	<i>violet</i>	13401540
		5	2	90 cm	<i>violet</i>	13501540

Reverse cutting 		Metric	USP	Length	Order number	
<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

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*

**smi**

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# CATGUT

PLAIN

## CHARACTERISTICS

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

## BENEFITS

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

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

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

**CONTRAINDICATIONS** Cardiovascular surgery  
Neurosurgery

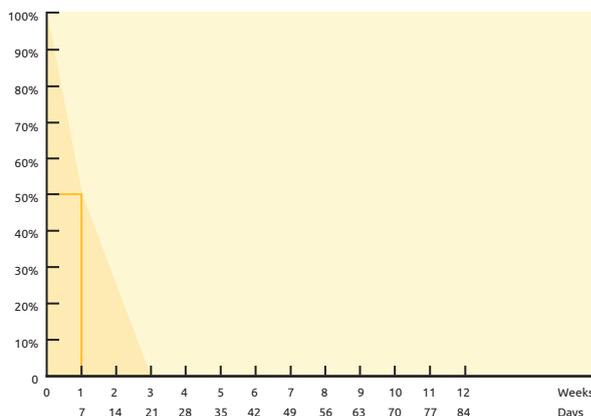
Being absorbable not to use when an extended wound support is required.

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

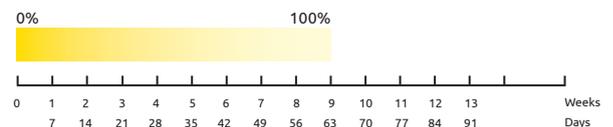
In the region of infected wounds

Known sensitivities or allergies to collagen

## TENSILE STRENGTH



## ABSORPTION



# CATGUT

PLAIN

Without needle 

Metric      USP      Length      Order number

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

Round bodied taper point 

Metric      USP      Length      Order number

HR 16 mm		1.5	5/0	75 cm	<i>ivory</i>	1150116
		2	4/0	75 cm	<i>ivory</i>	1200116
HR 20 mm		2	4/0	75 cm	<i>ivory</i>	1200120
		3	3/0	75 cm	<i>ivory</i>	1300120
HR 26 mm		3.5	2/0	75 cm	<i>ivory</i>	1350120
		2	4/0	75 cm	<i>ivory</i>	1200126
HR 30 mm		3	3/0	75 cm	<i>ivory</i>	1300126
		3.5	2/0	75 cm	<i>ivory</i>	1350126
		4	0	75 cm	<i>ivory</i>	1400126
HR 37 mm		3	3/0	75 cm	<i>ivory</i>	1300137
		3.5	2/0	75 cm	<i>ivory</i>	1350137
		4	0	75 cm	<i>ivory</i>	1400137
		5	1	75 cm	<i>ivory</i>	1500137
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
		6	2	75 cm	<i>ivory</i>	1600145
HR 50 mm		3.5	2/0	75 cm	<i>ivory</i>	1350150

1/2 circle

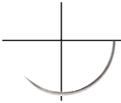


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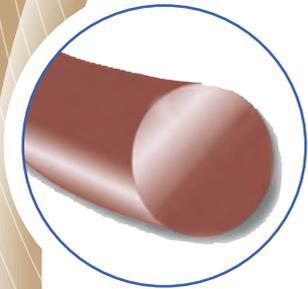
# CATGUT

PLAIN

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

# CATGUT

## CHROM



<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*

**smi**

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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

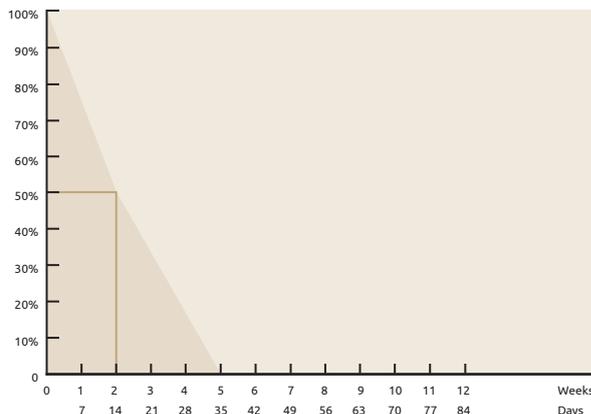
## BENEFITS

- 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

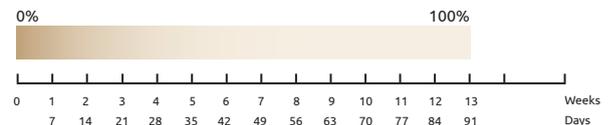
**INDICATIONS** General soft tissue closing and/or ligation especially in  
General surgery  
Gastrointestinal surgery  
Gynaecology  
Obstetrics  
Urology  
Ophthalmic surgery

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

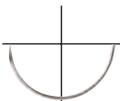
1/2 circle



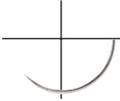
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# CATGUT

CHROM

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

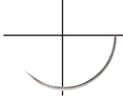
Round bodied taper point reverse cutting double armed 		Metric	USP	Length		Order number
<b>1/2 circle</b> 	 HR 37 mm  HS 37 mm	3.5	2/0	150 cm	<i>brown</i>	2350137-1437

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

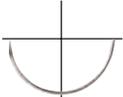
# CATGUT

CHROM

Reverse cutting  Metric USP Length Order number

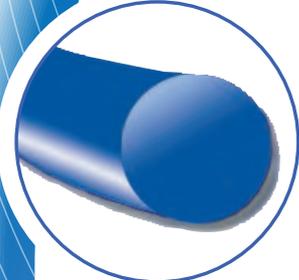
Reverse cutting		Metric	USP	Length	Order number
<b>3/8 circle</b> 	DS 12 mm 	1	6/0	45 cm	<i>brown</i> 2101512
		1.5	5/0	45 cm	<i>brown</i> 2151512
	DS 16 mm 	1.5	5/0	75 cm	<i>brown</i> 2151516
		2	4/0	75 cm	<i>brown</i> 2201516
		3	3/0	75 cm	<i>brown</i> 2301516
	DS 19 mm 	1.5	5/0	75 cm	<i>brown</i> 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> 2351524
		4	0	75 cm	<i>brown</i> 2401524
		5	1	75 cm	<i>brown</i> 2501524
	DS 30 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 37 mm 	5	1	75 cm	<i>brown</i> 2501530	
	3.5	2/0	75 cm	<i>brown</i> 2351537	
	4	0	75 cm	<i>brown</i> 2401537	
DS 40 mm 	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

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

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# POLYPROPYLENE

BLUE

## **CHARACTERISTICS**

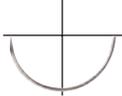
- ✓ High tensile strength, non absorbable
- ✓ Resistance to repeated bending
- ✓ Synthetic
- ✓ Monofilament with microscopic uniform diameter
- ✓ Pliability and softness
- ✓ Hermetically sealed packing

**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

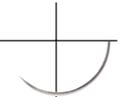
## **BENEFITS**

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

Round bodied taper point 

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

Round bodied taper point 

		Metric	USP	Length	Order number
<b>3/8 circle</b> 	DR 16 mm 	1.5	4/0	75 cm	<i>blue</i> 5150216

Round bodied taper point  
double armed

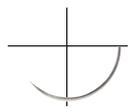


		Metric	USP	Length	Color	Order number
<p>1/2 circle</p>	2 x HR 8 mm	0.4	8/0	60 cm	blue	5040108-2
		0.5	7/0	60 cm	blue	5050108-2
		0.7	6/0	60 cm	blue	5070108-2
	2 x HR 9.3 mm	0.5	7/0	60 cm	blue	5050193-2
		0.7	6/0	60 cm	blue	5070193-2
	2 x HR 10 mm	0.5	7/0	60 cm	blue	5050110-2
		0.7	6/0	60 cm	blue	5070110-2
		1	5/0	60 cm	blue	5100110-2
	2 x HR 13 mm	0.5	7/0	60 cm	blue	5050113-2
		0.7	6/0	60 cm	blue	5070113-2
		1	5/0	75 cm	blue	5100113-2
	2 x HR 16 mm	1	5/0	90 cm	blue	5100116-2
		1.5	4/0	90 cm	blue	5150116-2
		2	3/0	90 cm	blue	5200116-2
	2 x HR 20 mm	1	5/0	90 cm	blue	5100120-2
		1.5	4/0	90 cm	blue	5150120-2
		2	3/0	90 cm	blue	5200120-2
	2 x HR 25 mm	1.5	4/0	90 cm	blue	5150125-2
2		3/0	90 cm	blue	5200125-2	
3		2/0	90 cm	blue	5300125-2	
2 x HR 30 mm	2	3/0	90 cm	blue	5200130-2	
	3	2/0	90 cm	blue	5300130-2	
2 x HR 35 mm	3	2/0	90 cm	blue	5300135-2	

## Round bodied taper point double armed



3/8 circle

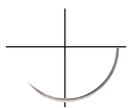


			Metric	USP	Length		Order number
3/8 circle	2 x DR 8 mm		0.4	8/0	45 cm	<i>blue</i>	5040208-2
			0.5	7/0	60 cm	<i>blue</i>	5050208-2
	2 x DR 9.3 mm		0.5	7/0	60 cm	<i>blue</i>	5050293-2
			0.7	6/0	60 cm	<i>blue</i>	5070293-2
	2 x DR 10 mm		0.7	6/0	60 cm	<i>blue</i>	5070210-2
	2 x DR 13 mm		1	5/0	60 cm	<i>blue</i>	5100213-2
			0.7	6/0	60 cm	<i>blue</i>	5070213-2
	2 x DR 18 mm		1	5/0	90 cm	<i>blue</i>	5100218-2
			1.5	4/0	90 cm	<i>blue</i>	5150218-2
	2 x DR 22 mm		1.5	4/0	90 cm	<i>blue</i>	5150222-2

## Reverse cutting



3/8 circle



			Metric	USP	Length		Order number
3/8 circle	DS 10 mm		0.7	6/0	45 cm	<i>blue</i>	5071510
			0.5	7/0	45 cm	<i>blue</i>	5051512
	DS 12 mm		0.7	6/0	45 cm	<i>blue</i>	5071512
			1	5/0	45 cm	<i>blue</i>	5101512
			1.5	4/0	75 cm	<i>blue</i>	5151512
			0.7	6/0	50 cm	<i>blue</i>	5071512P
	DS 12 mm Easy Pass		1	5/0	50 cm	<i>blue</i>	5101512P
			0.7	6/0	45 cm	<i>blue</i>	5071516
	DS 16 mm		1	5/0	45 cm	<i>blue</i>	5101516
			1.5	4/0	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
			1	5/0	45 cm	<i>blue</i>	5101516VB

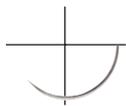
# POLYPROPYLENE

BLUE

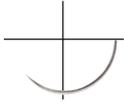
Reverse cutting

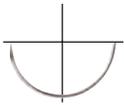


3/8 circle

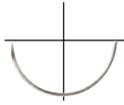


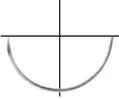
		Metric	USP	Length		Order number
DS 19 mm		0.7	6/0	75 cm	<i>blue</i>	5071519
		1	5/0	75 cm	<i>blue</i>	5101519
		1.5	4/0	45 cm	<i>blue</i>	5151519-45
		1.5	4/0	75 cm	<i>blue</i>	5151519
		2	3/0	45 cm	<i>blue</i>	5201519-45
		2	3/0	75 cm	<i>blue</i>	5201519
		3	2/0	75 cm	<i>blue</i>	5301519
		3.5	0	75 cm	<i>blue</i>	5351519
DS 19 mm Easy Pass		1	5/0	50 cm	<i>blue</i>	5101519P
		1.5	4/0	50 cm	<i>blue</i>	5151519P
		2	3/0	50 cm	<i>blue</i>	5201519P
DS 19 mm black		1	5/0	75 cm	<i>blue</i>	5101519VB
		1.5	4/0	75 cm	<i>blue</i>	5151519VB
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
		5	2	90 cm	<i>blue</i>	5501540

Reverse cutting 		Metric	USP	Length		Order number
<b>3/8 circle</b> 	DS 45 mm 	4	1	90 cm	<i>blue</i>	5401545
	DS 90 mm 	4	1	90 cm	<i>blue</i>	5401590

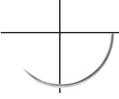
Reverse cutting 		Metric	USP	Length		Order number
<b>1/2 circle</b> 	HS 22 mm 	2	3/0	45 cm	<i>blue</i>	5201422
	HS 24 mm 	3	2/0	75 cm	<i>blue</i>	5301424

Cutting 		Metric	USP	Length		Order number
<b>Straight</b> 	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 taper cutting point double armed 		Metric	USP	Length		Order number
<b>1/2 circle</b> 	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

Round bodied taper cutting point 		Metric	USP	Length	Order number
<b>1/2 circle</b> 	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

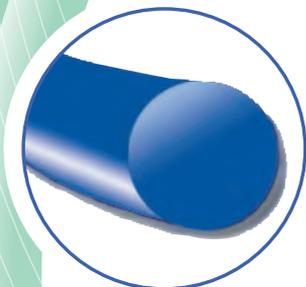
Soft cutting point coronary double armed 		Metric	USP	Length	Order number
<b>3/8 circle</b> 	2 x CC 6.4 mm 	0.4	8/0	60 cm	<i>blue</i> 5042606-2
	2 x CC 8 mm 	0.4	8/0	60 cm	<i>blue</i> 5042608-2
		0.5	7/0	75 cm	<i>blue</i> 5052608-2
		0.7	6/0	75 cm	<i>blue</i> 5072608-2
	2 x CC 9.3 mm 	0.5	7/0	60 cm	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



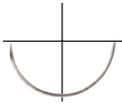
		Metric	USP	Length	Color	Order number
HR 16 mm		1	5/0	75 cm	black	9100116
		1.5	4/0	75 cm	blue	9150116
HR 20 mm		0.7	6/0	75 cm	black	9070120
		1	5/0	75 cm	black	9100120
		1.5	4/0	75 cm	blue	9150120
		2	3/0	75 cm	blue	9200120
		3	2/0	75 cm	blue	9300120
HR 22 mm		3	2/0	75 cm	blue	9300122
HR 26 mm		1.5	4/0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

1/2 circle



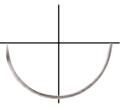
## Round bodied taper point loop

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

<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



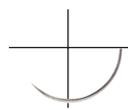
Metric

USP

Length

Order number

3/8 circle



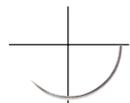
		Metric	USP	Length		Order number
DS 12 mm		0.5	7/0	75 cm	<i>black</i>	9051512
		0.7	6/0	75 cm	<i>black</i>	9071512
		1	5/0	75 cm	<i>black</i>	9101512
		1.5	4/0	75 cm	<i>blue</i>	9151512
DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>black</i>	9071512P
		1	5/0	50 cm	<i>black</i>	9101512P
		1.5	4/0	50 cm	<i>blue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

Reverse cutting



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

3/8 circle



## Reverse cutting



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

## Cutting



### Straight

GS 60 mm

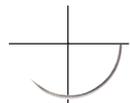


		Metric	USP	Length	Color	Order number
Straight	GS 60 mm	2	3/0	75 cm	blue	9202160
		3	2/0	75 cm	blue	9302160

## Cutting



### 3/8 circle



NS 26 mm



NS 30 mm



NS 40 mm



		Metric	USP	Length	Color	Order number
3/8 circle	NS 26 mm	2	3/0	75 cm	blue	9201726
	NS 30 mm	3	2/0	75 cm	blue	9301730
	NS 40 mm	3	2/0	75 cm	blue	9301740

# SUPRAMID

BLACK



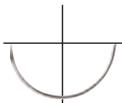
<b>Type</b>	Twisted and coated multifilament Sizes 5/0 and 6/0 monofilament
<b>Composition</b>	Polyamide 6.6 strands enclosed in a polyamide 6 sheet
<b>Colour</b>	Black
<b>Tissue reaction</b>	Minimal
<b>Absorption</b>	Non absorbable, gradually encapsulated by connective tissue
<b>Presentation</b>	Box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

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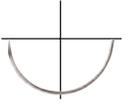


Round bodied taper point			Metric	USP	Length	Order number
1/2 Circle 	HR 16 mm		1.5	4/0	75 cm	<i>black</i> 4150116
			2	3/0	75 cm	<i>black</i> 4200116
	HR 20 mm		2	3/0	45 cm	<i>black</i> 4200120
	HR 26 mm		3	2/0	75 cm	<i>black</i> 4300126

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

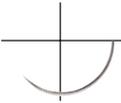
Reverse cutting			Metric	USP	Length	Order number
1/2 Circle 	HS 17 mm		1.5	4/0	75 cm	<i>black</i> 4151417
			2	3/0	75 cm	<i>black</i> 4201417
	HS 20 mm		1	5/0	75 cm	<i>black</i> 4101420
			1.5	4/0	75 cm	<i>black</i> 4151420
			2	3/0	75 cm	<i>black</i> 4201420
	HS 22 mm		1.5	4/0	75 cm	<i>black</i> 4151422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

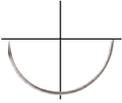
  

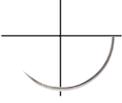
Cutting			Metric	USP	Length	Order number
Straight 	GS 20 mm		1.5	4/0	50 cm	<i>black</i> 4152120
	GS 25 mm		1.5	4/0	60 cm	<i>black</i> 4152125

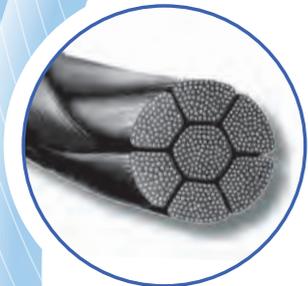
Reverse cutting			Metric	USP	Length	Order number
3/8 circle 	DS 12 mm		0.7	6/0	75 cm	<i>black</i> 4071512
			1	5/0	45 cm	<i>black</i> 4101512-45
			1	5/0	75 cm	<i>black</i> 4101512
			1.5	4/0	45 cm	<i>black</i> 4151512

Reverse cutting 		Metric	USP	Length	Order number
<b>3/8 circle</b> 	DS 16 mm 	0.7	6/0	75 cm	<i>black</i> 4071516
		1	5/0	45 cm	<i>black</i> 4101516-45
		1	5/0	75 cm	<i>black</i> 4101516
		1.5	4/0	45 cm	<i>black</i> 4151516
		1.5	4/0	75 cm	<i>black</i> 4151516-75
		2	3/0	45 cm	<i>black</i> 4201516
		2	3/0	75 cm	<i>black</i> 4201516-75
	DS 16 mm black 	1	5/0	75 cm	<i>black</i> 4101516VB
	DS 19 mm 	0.7	6/0	75 cm	<i>black</i> 4071519
		1	5/0	75 cm	<i>black</i> 4101519
		1.5	4/0	45 cm	<i>black</i> 4151519
		1.5	4/0	75 cm	<i>black</i> 4151519-75
		2	3/0	75 cm	<i>black</i> 4201519
	DS 19 mm Easy Pass 	3	2/0	75 cm	<i>black</i> 4301519
DS 19 mm black 	1.5	4/0	75 cm	<i>black</i> 4151519P-75	
	1	5/0	75 cm	<i>black</i> 4101519VB	
DS 24 mm 	1.5	4/0	75 cm	<i>black</i> 4151519VB	
	2	3/0	75 cm	<i>black</i> 4201524	
	3	2/0	75 cm	<i>black</i> 4301524	
DS 36 mm 	3.5	0	75 cm	<i>black</i> 4351524	
	3	2/0	75 cm	<i>black</i> 4301536	
	3.5	0	75 cm	<i>black</i> 4351536	
		4	1	75 cm	<i>black</i> 4401536

Round bodied taper cutting point 		Metric	USP	Length	Order number
<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 taper cutting 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>	Waxes 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	

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# SILK

## **CHARACTERISTICS**

- ☑ High tensile strength, non absorbable
- ☑ Braided or twisted structure
  
- ☑ Coated multifilament
  
- ☑ Hermetically sealed packing

## **BENEFITS**

- Good and extended tissue support for up to 3 month
  
- Excellent handling properties  
High flexibility  
High tensile strength  
Excellent knot security
  
- Soft passage through the tissues with minimal sawing,  
tissue drag and trauma  
Good knot tie down / adjustability  
Reduced capillary action
  
- Guaranteed seal and product sterility

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

**CONTRAINDICATIONS** 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
1.5	4/0	12 x 75 cm	<i>black</i>	8150075
2	3/0	12 x 75 cm	<i>black</i>	8200075
3	2/0	12 x 75 cm	<i>black</i>	8300075
3.5	0	12 x 75 cm	<i>black</i>	8350075
4	1	12 x 75 cm	<i>black</i>	8400075
5	2	12 x 75 cm	<i>black</i>	8500075

Without needle



Ligapack

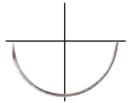


**Metric**      **USP**      **Length**      **Order number**

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

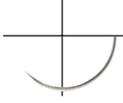
Round bodied taper point 

1/2 circle



		Metric	USP	Length	Order number
HR 12 mm		0.7	6/0	45 cm	<i>black</i> 8070112
		1	5/0	45 cm	<i>black</i> 8100112
		1.5	4/0	75 cm	<i>black</i> 8150112
HR 16 mm		0.7	6/0	45 cm	<i>black</i> 8070116
		1	5/0	75 cm	<i>black</i> 8100116
		1.5	4/0	75 cm	<i>black</i> 8150116
HR 20 mm		2	3/0	75 cm	<i>black</i> 8200116
		1	5/0	75 cm	<i>black</i> 8100120
		1.5	4/0	75 cm	<i>black</i> 8150120
HR 26 mm		2	3/0	75 cm	<i>black</i> 8200120
		3	2/0	75 cm	<i>black</i> 8300120
		3.5	0	75 cm	<i>black</i> 8350120
		1	5/0	75 cm	<i>black</i> 8100126
HR 30 mm		1.5	4/0	75 cm	<i>black</i> 8150126
		2	3/0	75 cm	<i>black</i> 8200126
		3	2/0	75 cm	<i>black</i> 8300126
		3.5	0	75 cm	<i>black</i> 8350126
		4	1	75 cm	<i>black</i> 8400126
HR 37 mm		2	3/0	75 cm	<i>black</i> 8200130
		3	2/0	75 cm	<i>black</i> 8300130
		3.5	0	75 cm	<i>black</i> 8350130
HR 40 mm		4	1	75 cm	<i>black</i> 8400130
		5	2	75 cm	<i>black</i> 8500130
		2	3/0	75 cm	<i>black</i> 8200137
HR 45 mm		3	2/0	75 cm	<i>black</i> 8300137
		3.5	0	75 cm	<i>black</i> 8350137
		4	1	75 cm	<i>black</i> 8400137
HR 50 mm		5	2	75 cm	<i>black</i> 8500137
		3.5	0	75 cm	<i>black</i> 8350140
		4	1	75 cm	<i>black</i> 8400140
HR 55 mm		5	2	75 cm	<i>black</i> 8500140
		3.5	0	75 cm	<i>black</i> 8350145
		4	1	75 cm	<i>black</i> 8400145
		5	2	75 cm	<i>black</i> 8500145

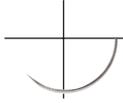
### Round bodied taper point

			Metric	USP	Length	Color	Order number
<b>3/8 Circle</b> 	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	

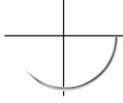
### Round bodied taper point

		Metric	USP	Length	Color	Order number
<b>Straight</b>	GR 40 mm 	3	2/0	75 cm	<i>black</i>	8302040

### Reverse cutting double armed

		Metric	USP	Length	Color	Order number
<b>3/8 Circle</b> 	2 x DS 12 mm 	0.5	7/0	45 cm	<i>black</i>	8051512-2
		0.7	6/0	45 cm	<i>black</i>	8071512-2

### Reverse cutting

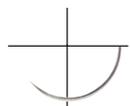
		Metric	USP	Length	Color	Order number
<b>3/8 Circle</b> 	DS 12 mm 	0.5	7/0	45 cm	<i>black</i>	8051512
		0.7	6/0	45 cm	<i>black</i>	8071512
		1	5/0	45 cm	<i>black</i>	8101512
		1.5	4/0	75 cm	<i>black</i>	8151512
		2	3/0	75 cm	<i>black</i>	8201512
	DS 12 mm Easy Pass 	0.7	6/0	50 cm	<i>black</i>	8071512P
	DS 14 mm 	0.7	6/0	45 cm	<i>black</i>	8071514
	DS 16 mm 	0.7	6/0	75 cm	<i>black</i>	8071516
		1	5/0	75 cm	<i>black</i>	8101516
		1.5	4/0	75 cm	<i>black</i>	8151516
		2	3/0	75 cm	<i>black</i>	8201516
		3	2/0	75 cm	<i>black</i>	8301516
	DS 16 mm Easy Pass 	1	5/0	50 cm	<i>black</i>	8101516P
		1.5	4/0	50 cm	<i>black</i>	8151516P
	DS 16 mm black 	1	5/0	75 cm	<i>black</i>	8101516VB
		1.5	4/0	75 cm	<i>black</i>	8151516VB

Reverse cutting

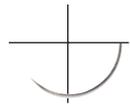


		Metric	USP	Length	Order number
DS 19 mm		0.7	6/0	75 cm	<i>black</i> 8071519
		1	5/0	75 cm	<i>black</i> 8101519
		1.5	4/0	75 cm	<i>black</i> 8151519
		2	3/0	45 cm	<i>black</i> 8201519-45
		2	3/0	75 cm	<i>black</i> 8201519
		3	2/0	75 cm	<i>black</i> 8301519
		3.5	0	75 cm	<i>black</i> 8351519
		4	1	75 cm	<i>black</i> 8401519
DS 19 mm Easy Pass		1.5	4/0	50 cm	<i>black</i> 8151519P
		2	3/0	50 cm	<i>black</i> 8201519P
DS 19 mm black		1	5/0	75 cm	<i>black</i> 8101519VB
		1.5	4/0	75 cm	<i>black</i> 8151519VB
		2	3/0	75 cm	<i>black</i> 8201519VB
DS 24 mm		1	5/0	75 cm	<i>black</i> 8101524
		1.5	4/0	75 cm	<i>black</i> 8151524
		2	3/0	75 cm	<i>black</i> 8201524
		3	2/0	75 cm	<i>black</i> 8301524
		3.5	0	75 cm	<i>black</i> 8351524
DS 26 mm		4	1	75 cm	<i>black</i> 8401524
		2	3/0	75 cm	<i>black</i> 8201526
DS 30 mm		3	2/0	75 cm	<i>black</i> 8301526
		1.5	4/0	75 cm	<i>black</i> 8151530
DS 30 mm		2	3/0	75 cm	<i>black</i> 8201530
		3	2/0	75 cm	<i>black</i> 8301530
		3.5	0	75 cm	<i>black</i> 8351530
		4	1	75 cm	<i>black</i> 8401530
		5	2	75 cm	<i>black</i> 8501530
DS 37 mm		2	3/0	75 cm	<i>black</i> 8201537
		3	2/0	75 cm	<i>black</i> 8301537
		3.5	0	75 cm	<i>black</i> 8351537
		4	1	75 cm	<i>black</i> 8401537
		5	2	75 cm	<i>black</i> 8501537
DS 45 mm		6	3&4	75 cm	<i>black</i> 8601537
		3	2/0	75 cm	<i>black</i> 8301545
		3.5	0	75 cm	<i>black</i> 8351545
DS 45 mm		4	1	75 cm	<i>black</i> 8401545
		5	2	75 cm	<i>black</i> 8501545

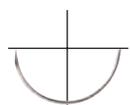
3/8 circle



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

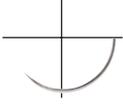


Reverse cutting		Metric	USP	Length	Order number
1/2 circle	HS 12 mm 	0.7	6/0	75 cm	<i>black</i> 8071412
	HS 17 mm 	1	5/0	75 cm	<i>black</i> 8101417
		2	3/0	75 cm	<i>black</i> 8201417
	HS 20 mm 	1.5	4/0	75 cm	<i>black</i> 8151420
		2	3/0	75 cm	<i>black</i> 8201420
	HS 22 mm 	1	5/0	75 cm	<i>black</i> 8101422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



Cutting		Metric	USP	Length	Order number
Straight	GS 40 mm 	3	2/0	75 cm	<i>black</i> 8302140
	GS 60 mm 	2	3/0	75 cm	<i>black</i> 8202160
		3	2/0	75 cm	<i>black</i> 8302160
		3.5	0	75 cm	<i>black</i> 8352160
		4	1	75 cm	<i>black</i> 8402160

Round bodied taper cutting point 		Metric	USP	Length	Order number	
<b>1/2 circle</b> 	HRT 18 mm					
	HRT 27 mm					

Round bodied taper cutting point 		Metric	USP	Length	Order number	
<b>3/8 circle</b> 	DRT 18 mm					

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

Without needle



Ligapack



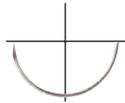
**Metric**      **USP**      **Length**      **Order number**

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

## Round bodied taper point



1/2 circle

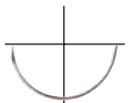


		Metric	USP	Length		Order number
HR 16 mm		1	5/0	75 cm	green	7100116
		1.5	4/0	75 cm	green	7150116
		2	3/0	75 cm	green	7200116
HR 20 mm		1.5	4/0	75 cm	green	7150120
		2	3/0	75 cm	green	7200120
HR 26 mm		2	3/0	75 cm	green	7200126
		3	2/0	75 cm	green	7300126
		3.5	0	75 cm	green	7350126
		4	1	75 cm	green	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	90 cm	green	7300126-2

## Round bodied taper point double armed



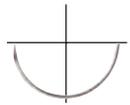
Metric

USP

Length

Order number

1/2 circle



HR 16 mm  
HR 36 mm



2

3/0

60 cm

green

7200116-36

## Round bodied taper point



Metric

USP

Length

Order number

Straight

GR 19 mm



1.5

4/0

45 cm

green

7152019

2

3/0

50 cm

green

7202019

## Round bodied taper cutting point double armed



Metric

USP

Length

Order number

1/2 circle



2 x HRT 17 mm



1.5

4/0

90 cm

green

7150517-2

2

3/0

90 cm

green

7200517-2

3

2/0

90 cm

green

7300517-2

3

2/0

90 cm

green  
10/foil

7300517-2-10

with pledget - 4x green, 4x white 7300517-2P

2 x HRT 25 mm



2

3/0

90 cm

green

7200525-2

3

2/0

90 cm

green

7300525-2

3

2/0

90 cm

green  
10/foil

7300525-2-10

with pledget - 4x green, 4x white 7300525-2P

## Round bodied taper cutting point



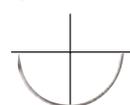
Metric

USP

Length

Order number

1/2 circle



HRT 18 mm



1.5

4/0

75 cm

green

7150518

2

3/0

75 cm

green

7200518

HRT 40 mm



5

2

75 cm

green

7500540

HRT 55 mm



7

5

4 x 75 cm

green

7700555-4

# POLYESTER

Reverse cutting



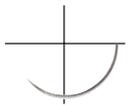
Metric

USP

Length

Order number

3/8 circle



DS 12 mm		1	5/0	45 cm	<i>green</i>	7101512
DS 16 mm		1	5/0	75 cm	<i>green</i>	7101516
		1.5	4/0	75 cm	<i>green</i>	7151516
DS 19 mm		2	3/0	75 cm	<i>green</i>	7201516
		1	5/0	75 cm	<i>green</i>	7101519
		1.5	4/0	75 cm	<i>green</i>	7151519
DS 19 mm black		2	3/0	75 cm	<i>green</i>	7201519
		3	2/0	75 cm	<i>green</i>	7301519
		1.5	4/0	75 cm	<i>green</i>	7151519VB
DS 24 mm		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
		3.5	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
DS 40 mm		4	1	75 cm	<i>green</i>	7401540
		5	2	75 cm	<i>green</i>	7501540

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# POLYESTER

## Reverse cutting

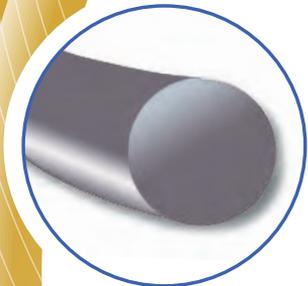
			Metric	USP	Length		Order number
<b>1/2 circle</b> 	HS 17 mm		1.5	4/0	75 cm	green	7151417
			2	3/0	75 cm	green	7201417
	HS 20 mm		3	2/0	75 cm	green	7301420
	HS 22 mm		2	3/0	75 cm	green	7201422
	HS 26 mm		2	3/0	75 cm	green	7201426
			3	2/0	75 cm	green	7301426
	HS 30 mm		3	2/0	75 cm	green	7301430
			3.5	0	75 cm	green	7351430
			4	1	75 cm	green	7401430
	HS 36 mm		5	2	75 cm	green	7501430
			3.5	0	75 cm	green	7351436
			4	1	75 cm	green	7401436
	HS 40 mm		3.5	0	75 cm	green	7351440
			4	1	75 cm	green	7401440
5			2	75 cm	green	7501440	
HS 48 mm		6	3&4	75 cm	green	7601448	
		7	5	75 cm	green	7701448	

## Cutting

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

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&  
safety*

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# STEEL

## MONOFILAMENT

### **CHARACTERISTICS**

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

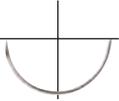
### **BENEFITS**

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

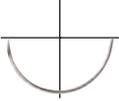
**INDICATIONS** Closure of sternum  
Orthopaedics  
Abdominal wall closure  
and hernia repair

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

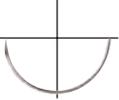
### Round bodied taper cutting point

		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
		9	7	4 x 45 cm	ST71
	HS 50 mm 	7	5	1 x 75 cm	ST53
		7	5	4 x 45 cm	ST51
		8	6	4 x 45 cm	ST61
	HS 58 mm 	7	5	4 x 45 cm	ST52
		8	6	4 x 45 cm	ST62

### 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*

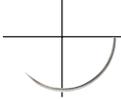
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# MICROSURGERY

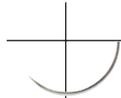
# DACLON NYLON

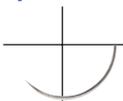
Micro needle taper point		Metric	USP	Length	Order number	
<b>3/8 Circle</b> 		MDR 3,3 mm 50µm	0.1	11/0	10 cm	<i>black</i> MN111
		MDR 3,8 mm 50µm	0.2	10/0	10 cm	<i>black</i> MN102
		MDR 5,1 mm 70µm	0.01	12/0	10 cm	<i>black</i> MN124
			0.1	11/0	10 cm	<i>black</i> MN114
			0.2	10/0	10 cm	<i>black</i> MN104
		MDR 3,8 mm 70µm	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	

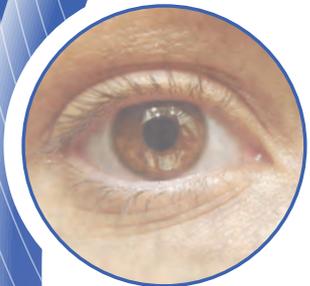
# MICROSURGERY

# POLYPROPYLENE

BLUE

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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&  
safety*



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## Side cutting spatula double armed



Metric    USP    Length    Order number

### 1/2 circle



2 x HSP 8 mm  
200 µm



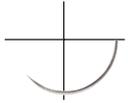
0.5    7/0    45 cm    *violet*    OSU07

## Side cutting spatula double armed



Metric    USP    Length    Order number

### 3/8 circle



2 x DSP 6 mm  
200 µm



0.4    8/0    30 cm    *violet*    OSU08-30

0.4    8/0    45 cm    *violet*    OSU08

2 x DSP 6,2 mm  
150 µm



0.2    10/0    30 cm    *violet*    OSU10

2 x DSP 6,4 mm  
200 µm



0.3    9/0    30 cm    *violet*    OSU09

0.5    7/0    45 cm    *violet*    OSU072

2 x DSP 8 mm  
200 µm



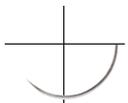
0.5    7/0    45 cm    *violet*    OSU071

## Side cutting spatula



Metric    USP    Length    Order number

### 3/8 circle



DSP 6,2 mm  
150 µm



0.2    10/0    10 cm    *violet*    OSU101

DSP 6,4 mm  
200 µm



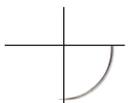
0.3    9/0    30 cm    *violet*    OSU09-1

## Side cutting spatula double armed



Metric    USP    Length    Order number

### 1/4 circle



2 x VSP 8 mm  
300 µm  
350 µm



0.7    6/0    45 cm    *violet*    OSU06

1    5/0    45 cm    *violet*    OSU05

## Reverse cutting



Metric    USP    Length    Order number

### 3/8 circle



DS 12 mm



0.7    6/0    45 cm    *violet*    11071512

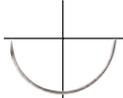
1    5/0    45 cm    *violet*    11101512

DS 12 mm  
Easy Pass

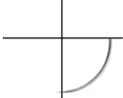


0.7    6/0    50 cm    *undyed*    11071512UP

1    5/0    50 cm    *undyed*    11101512UP

Side cutting spatula double armed		Metric	USP	Length	Order number	
<b>1/2 Circle</b> 	2 x HSP 8 mm 200 µm		0.4	8/0	45 cm	<i>violet</i> O910081
	2 x HSP 8 mm 200 µm		0.5	7/0	45 cm	<i>violet</i> O91007
	2 x HSP 8 mm 300 µm		0.7	6/0	45 cm	<i>violet</i> O910061
	2 x HSP 8 mm 300 µm		0.7	6/0	45 cm	<i>undyed</i> O910061U

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> O91008
	220 µm		0.5	7/0	45 cm	<i>violet</i> O910072
	2 x DSP 11 mm 350 µm		1	5/0	45 cm	<i>violet</i> O910051

Side cutting spatula double armed		Metric	USP	Length	Order number	
<b>1/4 circle</b> 	2 x VSP 8 mm 300 µm		0.7	6/0	45 cm	<i>violet</i> O91006
			0.7	6/0	20 cm	<i>undyed</i> O91006U-20
	2 x VSP 8 mm 350 µm		0.7	6/0	45 cm	<i>undyed</i> O91006U
			1	5/0	45 cm	<i>violet</i> O91005
			1	5/0	45 cm	<i>undyed</i> O91005U

Side cutting spatula  
double armed



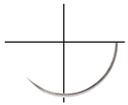
Metric

USP

Length

Order number

3/8 Circle



2 x DSP 6,5 mm  
200 µm



0.4

8/0

45 cm

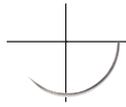
*blue*

OS81

**Side cutting spatula  
double armed**



**3/8 Circle**



2 x DSP 6,5 mm  
200 µm



**Metric**

**USP**

**Length**

**Order number**

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

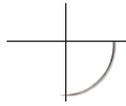
*black*

OS52

**Side cutting spatula  
double armed**



**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

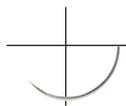
*black*

OS51

**Reverse cutting**



**3/8 circle**



DS 12 mm



0.7

6/0

45 cm

*black*

8071512

1

5/0

45 cm

*black*

8101512

1.5

4/0

75 cm

*black*

8151512

DS 16 mm



1.5

4/0

75 cm

*black*

8151516

DS 19 mm



1.5

4/0

75 cm

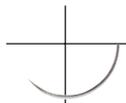
*black*

8151519

**Reverse cutting  
double armed**



**3/8 Circle**



2 x DS 12 mm



0.5

7/0

45 cm

*black*

8051512-2

0.7

6/0

45 cm

*black*

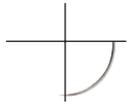
8071512-2

### 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*

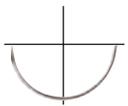
ON81

### 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*

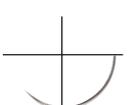
ON62

### 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

2 x DSP 6,2 mm  
150 µm



0.3

9/0

30 cm

*black*

ON95

0.3

9/0

45 cm

*black*

ON95-45

0.4

8/0

30 cm

*black*

ON85

0.4

8/0

45 cm

*black*

ON85-45

2 x DSP 6,2 mm  
200 µm



0.5

7/0

30 cm

*black*

ON75

2 x DSP 6,4 mm  
220 µm



0.2

10/0

30 cm

*black*

ON105

0.2

10/0

38 cm

*black*

ON105-38

0.2

10/0

45 cm

*black*

ON105-45

2 x DSP 8 mm  
300 µm



0.7

6/0

45 cm

*black*

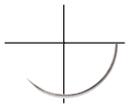
ON61

### Side cutting spatula



Metric      USP      Length      Order number

#### 3/8 Circle



DSP 6,2 mm  
150 µm



0.2

10/0

15 cm

*black*

ON1011

**Side cutting spatula  
 double armed**



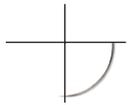
**Metric**

**USP**

**Length**

**Order number**

**1/4 Circle**



2 x VSP 8 mm  
 350 µm



1

5/0

45 cm

*black*

ON51

**Reverse cutting**



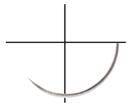
**Metric**

**USP**

**Length**

**Order number**

**3/8 circle**



DS 12 mm



0.5

7/0

75 cm

*black*

9051512

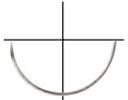
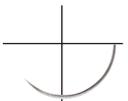
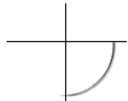
0.7

6/0

75 cm

*black*

9071512

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

### Side cutting spatula double armed



Metric    USP    Length    Order number

#### 3/8 Circle



2 x DSP 6,4 mm  
200 µm



0.2    10/0    30 cm    *blue*    OPP105

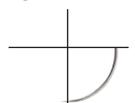
0.3    9/0    30 cm    *blue*    OPP95

### Side cutting spatula



Metric    USP    Length    Order number

#### 1/4 circle



VSP 16 mm  
150 µm



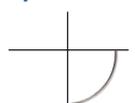
0.2    10/0    10 cm    *blue*    OPP103

### Side cutting spatula loop



Metric    USP    Length    Order number

#### 1/4 circle



VSP 15,3 mm  
150 µm



0.2    10/0    2 x 20 cm    *blue*    OPP113L-2

VSP 16 mm  
150 µm



0.2    10/0    10 cm    *blue*    OPP103L

0.2    10/0    2 x 20 cm    *blue*    OPP103L-2

### Side cutting spatula double armed



Metric    USP    Length    Order number

#### Straight



2 x GSP 16,15 mm  
150 µm



0.2    10/0    20 cm    *blue*    OPP101

0.3    9/0    20 cm    *blue*    OPP91

### Side cutting spatula loop



Metric    USP    Length    Order number

#### Straight



GSP 16,15 mm  
150 µm



0.2    10/0    15 cm    *blue*    OPP110

### Side cutting spatula double armed



Metric    USP    Length    Order number

#### Straight

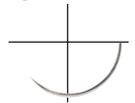


GSP 16 mm  
150 µm  
DSP 4 mm  
100 µm



0.2    10/0    10 cm    *blue*    OPP102

#### 3/8 Circle





# *SPECIALITY PRODUCTS*

*For quality  
&  
safety*



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

## Skin Stapler & Remover

### INDICATIONS:

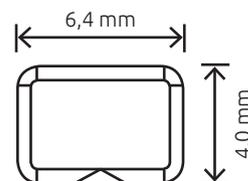
SMI Skin Stapler can be used for a variety of skin closures.

### 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.	ZBP2
Ø 3 mm	25 pc.	ZBP3
Ø 4 mm	25 pc.	ZBP4
Ø 5 mm	25 pc.	ZBP5
Ø 6 mm	25 pc.	ZBP6
Ø 8 mm	25 pc.	ZBP8
Ø 10 mm	20 pc.	ZBP10
Ø 12 mm	20 pc.	ZBP12

## Surgical suture rack

### *Rack & drawer for rack*



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

The interchangeable pieces allow for assembly into multiple configurations.

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

Drawer for rack **Z071**

## Polypropylene mesh

### INDICATIONS:

Reinforcement of the abdominal wall

- Hernia
- Eventration

via celioscopy or laparotomy

### COMPOSITION:

Monofilament polypropylene knitted into an elastic, durable mesh

### BENEFITS:

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



### *Square & Rectangular Mesh*

STANDARD MESH 5 pc.	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 cm x 10 cm	ZMS0510

## Pilomat

### *Tablet Crusher* Z045

To crush tablets with a simple flick of the wrist.



### *Tablet Splitter* Z044

To cut tablets of any size in two.



## Surgical blades & scalpel handles

For blade handle N° 3



N° 10    N° 11    N° 12    N° 12d    N° 15    N° 15c

Surgical blades without handle

**ZB10    ZB11    ZB12    ZB12d    ZB15    ZB15c**

Surgical blades with plastic handle

**ZBD10    ZBD11    ZBD12                    ZBD15**

For blade handle N° 4



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

Surgical blades without handle

**ZB18    ZB20    ZB21    ZB22    ZB23    ZB24    ZB25**

Surgical blades with plastic handle

**ZBD20    ZBD21    ZBD22    ZBD23    ZBD24**



**COMPOSITION:**  
Carbon Steel

**PRESENTATION:**  
Individual sterile foil packs

without handle 100 / box  
with plastic handle 10 / box

## Stitch Cutter



**ZBS**

## Scalpel handles

**COMPOSITION:** Stainless Steel

**PRESENTATION:** 10/ box



**N° 3 ZBH3**



**N° 4 ZBH4**

## Episio Set

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

Reverse cutting Round bodied taper cutting point				Order number
<b>3/8 Circle</b> 	DS 24 mm HRT 40 mm		1 x USP 2/0 – DS 24 mm – 75 cm 1 x USP 0 – HRT 40 mm – 90 cm	<i>undyed</i> S-1430-1435-1
<b>1/2 Circle</b> 	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	<i>undyed</i> S-1430-1435

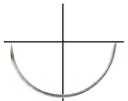
## Cervix set

Shirodkar cervix suture set

2 x blunt needle	Order number
	2 x HRB 50 mm      4 mm polyester tape 40 cm <b>ZCE1</b>
	2 x HRB 50 mm      4 mm polyester tape 50 cm <b>ZCE4</b>
	2 x HRB 65 mm      4 mm polyester tape 50 cm <b>ZCE3</b>

## Patella Set

The Patella Set is a Special Suture Set for the treatment of fractures of the patella

Cutting	Metric	USP	Length	Order number	
<b>1/2 Circle</b> 	HS 120 mm	9	7	60 cm	<b>ST75</b>

## Skin Marker

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

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



## Bone Wax



12 x 2.5 g                      Z046

### COMPOSITION:

Refined white beeswax, paraffin and isopropyl palmitate

### INDICATIONS:

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

### PRESENTATION:

2.5 g plates individually wrapped  
12 in one box, sterile

## SMI Spon

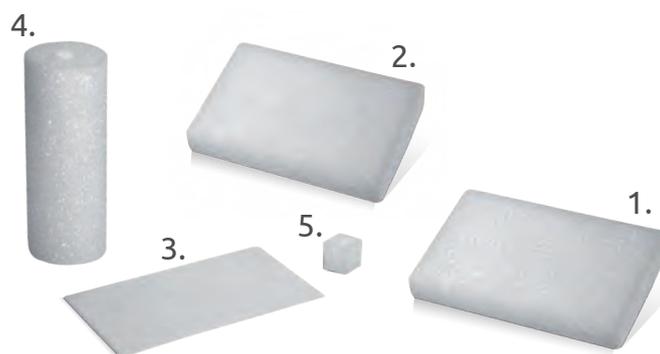
### *Absorbable Haemostatic Gelatin Sponge*

### COMPOSITION:

Highly purified first grade gelatine material

### INDICATIONS:

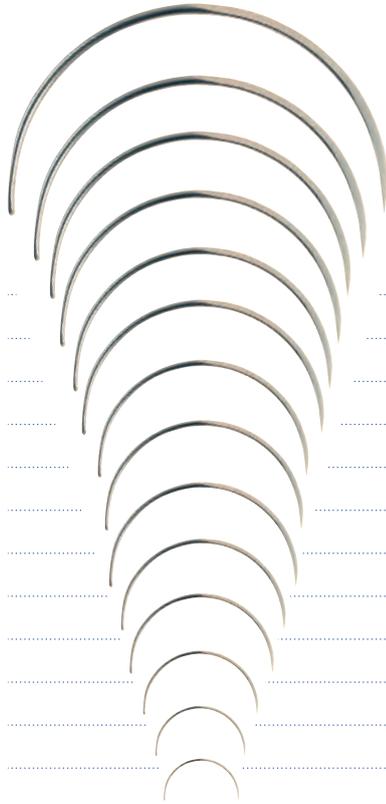
For use in various surgical procedures. Intended for haemostatic use by applying to a bleeding surface. Non pyrogenic and biocompatible.



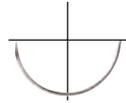
1. STANDARD	80 x 50 x 10 mm	ZHG805010
2. REGULAR	70 x 50 x 10 mm	ZHG705010
3. SPECIAL	80 x 50 x 1 mm	ZHG805001
4. TAMPON	80 x 30 mm DIA	ZHG8030
5. DENTAL CUBE	10 x 10 x 10 mm	ZHG101010

## Needles

12 in one box



1/2 circle



	Ordinary Eye GN	Spring Eye GF	Ordinary Eye GRN	Spring Eye GRF
90 mm N°00		Z 751		Z 850
80 mm N°1	Z 702	Z 752		Z 851
70 mm N°2	Z 703	Z 753		Z 853
65 mm N°3	Z 704			
60 mm N°4		Z 755		Z 855
55 mm N°6	Z 706	Z 756	Z 806	Z 856
50 mm N°7		Z 758	Z 807	Z 858
48 mm				Z 840
45 mm N°8	Z 708	Z 759	Z 808	Z 859
40 mm N°9	Z 710	Z 760	Z 810	Z 860
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

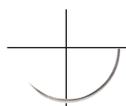
SKI NEEDLES  
half curved



	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

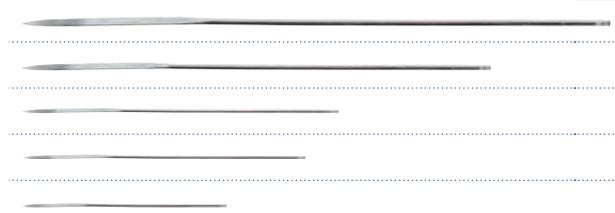


### 3/8 Circle



	 Ordinary Eye BN    Spring Eye BF		 Ordinary Eye BRN    Spring Eye BRF		 Ordinary Eye BRT
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 652	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 554	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