



Smi

SUTURE MATERIALS

*For quality
&
safety*



Smi

www.sutures.be

SMI: Surgical sutures of the highest quality

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

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

HIGHEST QUALITY AND SAFETY

SMI complies 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.

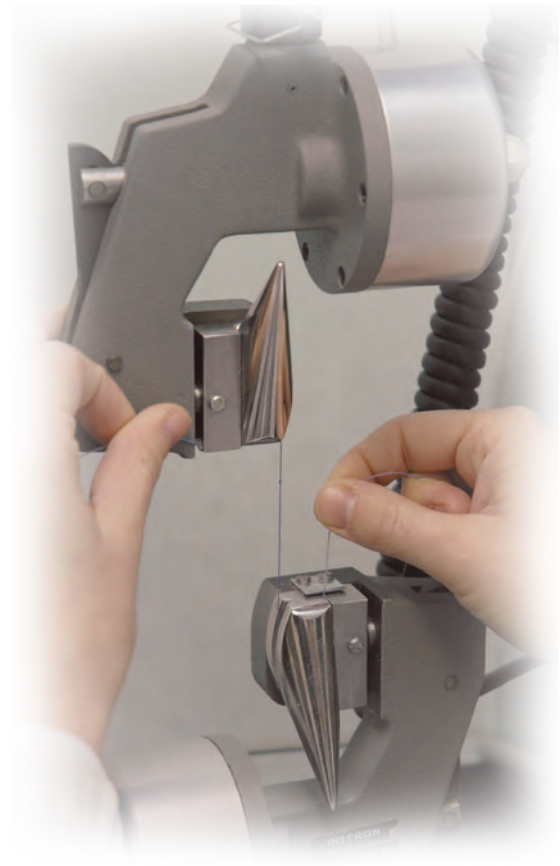
THE CATALOGUE - EDITION 2019

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.

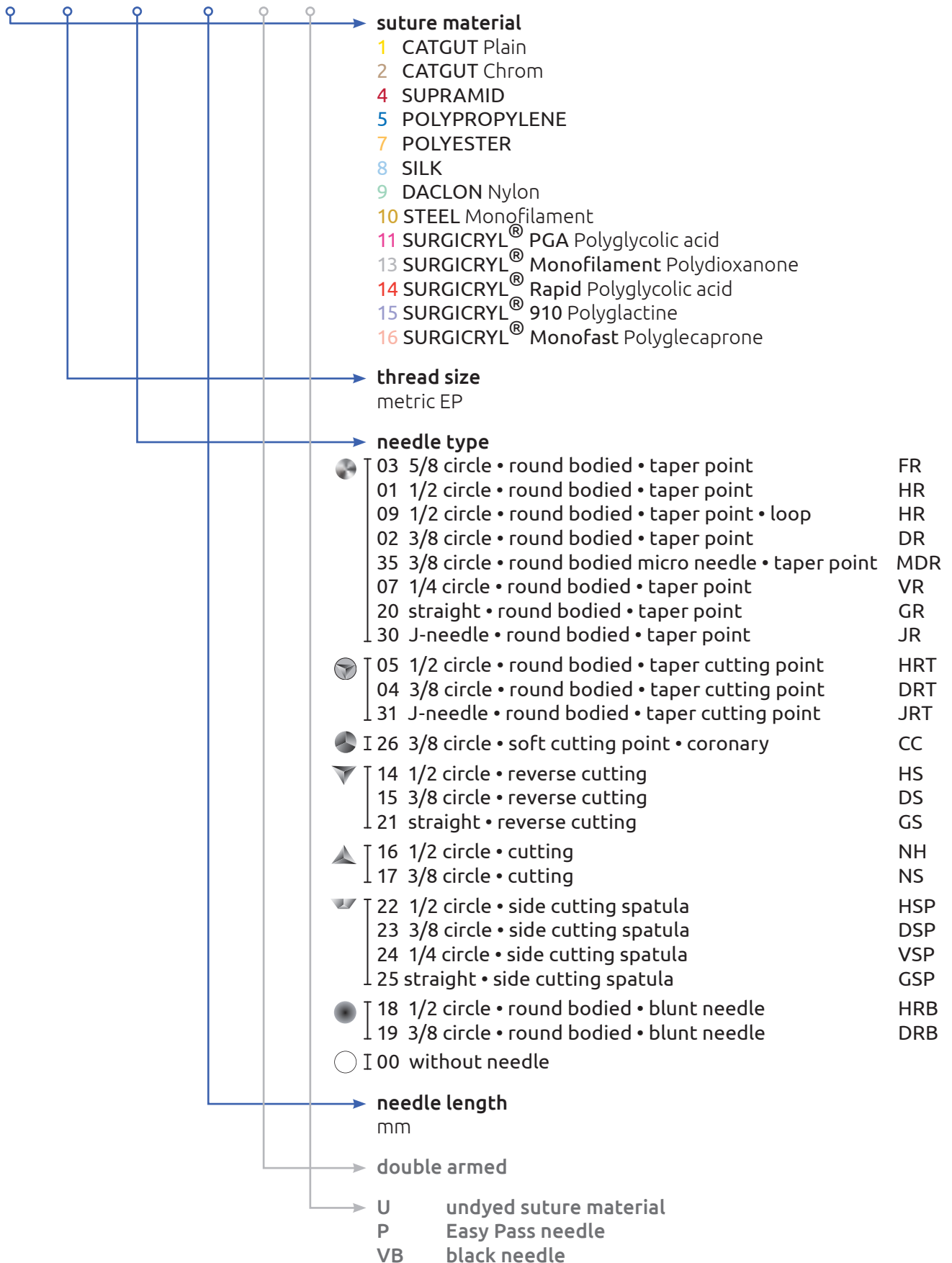
Since many years SMI products are recognized by top surgeons around the world.





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

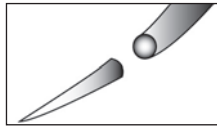
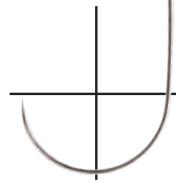
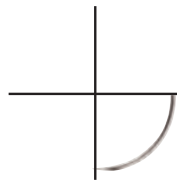
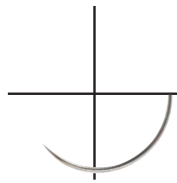
1/2 CIRCLE

3/8 CIRCLE

1/4 CIRCLE

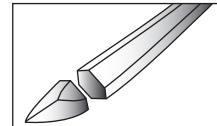
J-NEEDLE

STRAIGHT



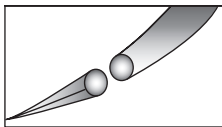
TAPER POINT

A gradual taper to a round bodied needle.



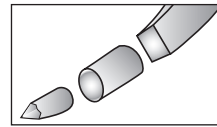
SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



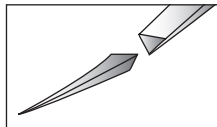
TAPER CUTTING POINT

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



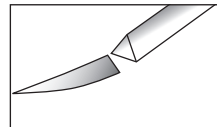
SOFT CUTTING POINT - CORONARY

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



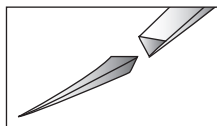
REVERSE CUTTING

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



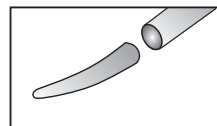
CONVENTIONAL CUTTING

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



EASY PASS NEEDLE

Precision point with extra sharpening.

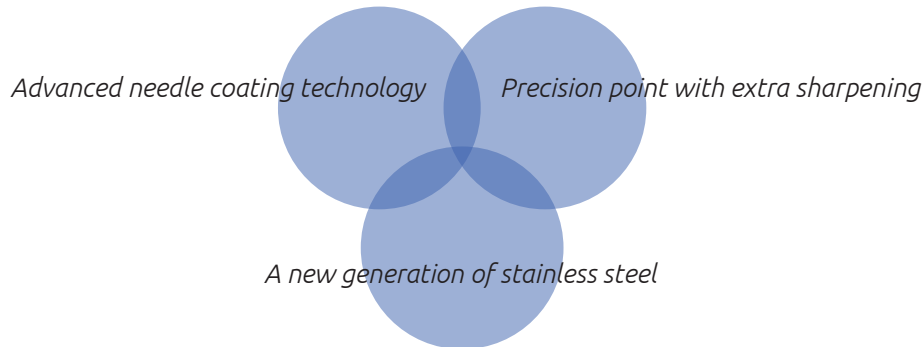


BLUNT NEEDLE

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

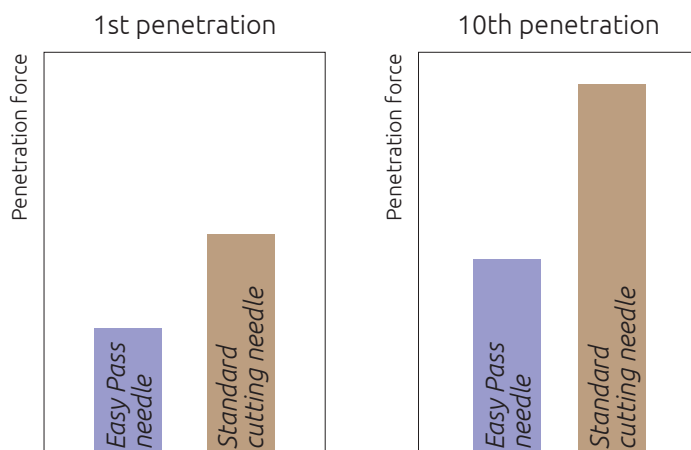
- ✓ Precision point with extra sharpening
- ✓ A new generation of stainless steel
- ✓ Advanced needle coating technology
Silicone coating covers entire surgical needle

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

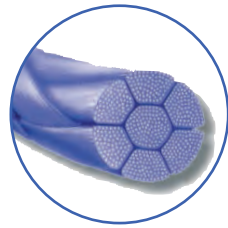
INDICATIONS Cosmetic and plastic surgery

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

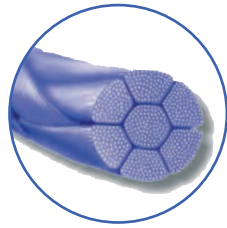


SUTURE MATERIALS

ABSORBABLE SUTURES



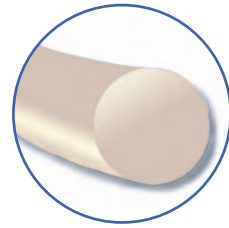
SURGICRYL®
910
POLYGLACTINE



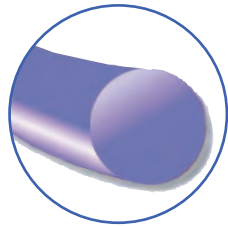
SURGICRYL®
PGA
POLYGLYCOLIC ACID



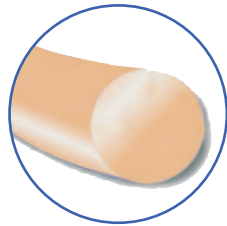
SURGICRYL®
RAPID
POLYGLYCOLIC ACID



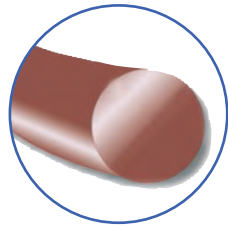
SURGICRYL®
MONOFAST
POLYGLICAPRONE 25



SURGICRYL®
MONOFILAMENT
POLYDIOXANONE

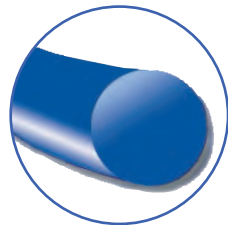


CATGUT
PLAIN



CATGUT
CHROM

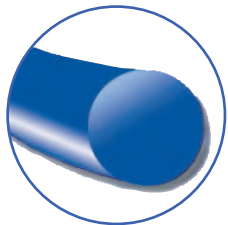
NON-ABSORBABLE SUTURES



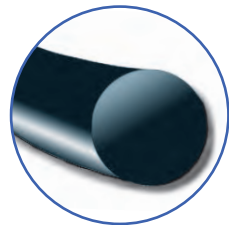
POLYPROPYLENE
BLUE



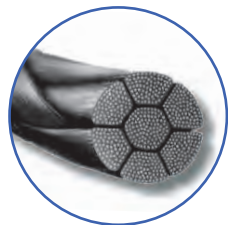
POLYESTER



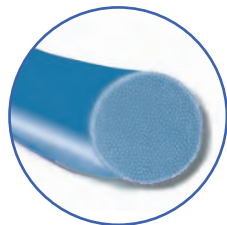
DACLON
NYLON
BLUE



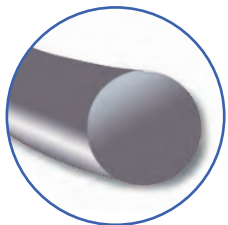
DACLON
NYLON
BLACK



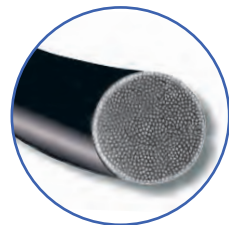
SILK
BRAIDED
BLACK



SILK
VIRGIN
BLUE



STEEL
MONOFILAMENT



SUPRAMID
BLACK

Sutures in foil packs

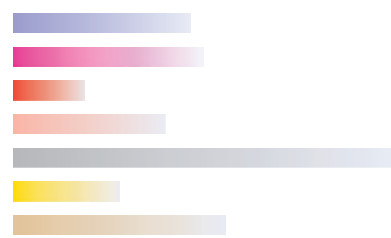
absorbable

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

non-absorbable

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

Loss of tensile strength over time:



Microsurgery

absorbable

- SURGICRYL[®] 910 Polyglactine

non-absorbable

- DACLON Nylon
- POLYPROPYLENE

Ophthalmic surgery

absorbable

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

non-absorbable

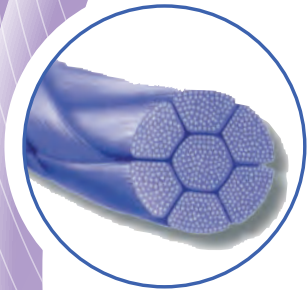
- SILK Braided black
- SUPRAMID Polyamide white
- SUPRAMID Polyamide black
- LINAFILE Natural
- VITAFIL Polyester white
- DERMAFIL Polyester green
- DACLON Nylon
- STEEL Monofilament

For more accurate technical information please refer to the package insert.
See the complete product list on www.sutures.be.

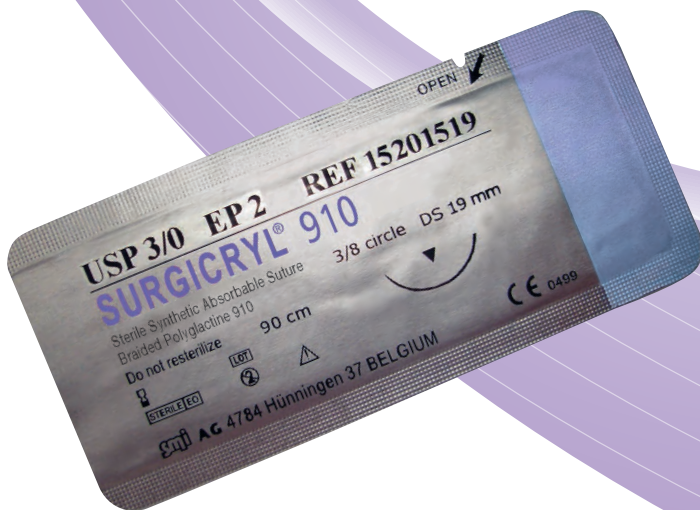
SURGICRYL[®]

910

POLYGLACTINE



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



*For quality
&
safety*



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

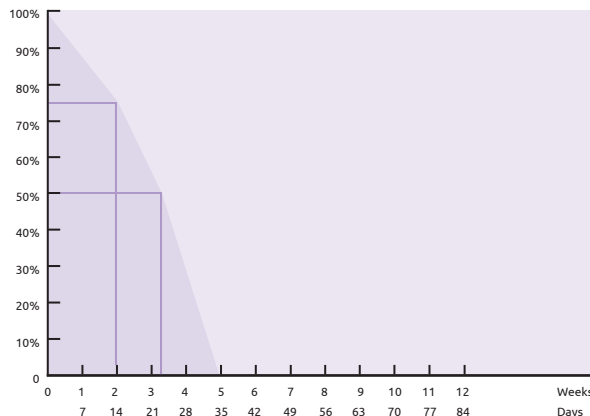
- General surgery
- Skin closure
- Gastrointestinal surgery
- Plastic surgery
- Ophthalmic surgery
- Gynaecology
- Obstetrics
- Orthopaedics
- Urology

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery

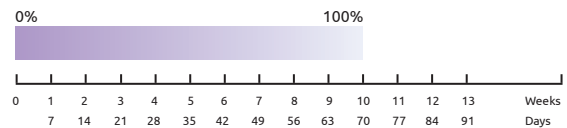
Being absorbable not to use when an extended wound support is required.

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 |
| | | 3.5 | 0 | 90 cm | violet | 15350136 |
| | | 4 | 1 | 90 cm | violet | 15400136 |
| HR 45 mm |  | 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 |
| | | 3.5 | 0 | 90 cm | violet | 15350140 |
| | | 4 | 1 | 75 cm | violet | 15400140-75 |
| HR 45 mm |  | 4 | 1 | 90 cm | violet | 15400140 |
| | | 5 | 2 | 75 cm | violet | 15500140-75 |
| | | 5 | 2 | 90 cm | violet | 15500140 |
| | | 5 | 2 | 90 cm | violet | 15500145 |

| 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 |
|--------------------------|----------|--------|-----|--------|---------------|--------------|
| 5/8 Circle | FR 27 mm | 3 | 2/0 | 75 cm | <i>violet</i> | 15300327 |
| | | 3.5 | 0 | 75 cm | <i>violet</i> | 15350327 |

| Round bodied taper point | | Metric | USP | Length | | Order number |
|--------------------------|----------|--------|-----|--------|---------------|--------------|
| 3/8 Circle | DR 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 |
|-----------------|----------|--------|-------|---------------|---------------|--------------|
| 1/2 Circle | 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 | |
|--|--|-----|--------|--------------|------------------------|
| 3/8 circle  | DS 80 mm  | 7 | 5 | 150 cm | <i>violet</i> 15701580 |



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

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

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

| Blunt  | | Metric | USP | Length | Order number |
|--|-----------|--------|-------|------------------------|------------------------|
| 1/2 Circle  | HRB 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 |
|--|-----------|--------|-----|--------|------------------------|
| 3/8 Circle  | DRB 63 mm | 4 | 1 | 100 cm | <i>violet</i> 15401963 |
| | DRB 85 mm | 5 | 2 | 75 cm | <i>violet</i> 15501985 |

SURGICRYL[®]

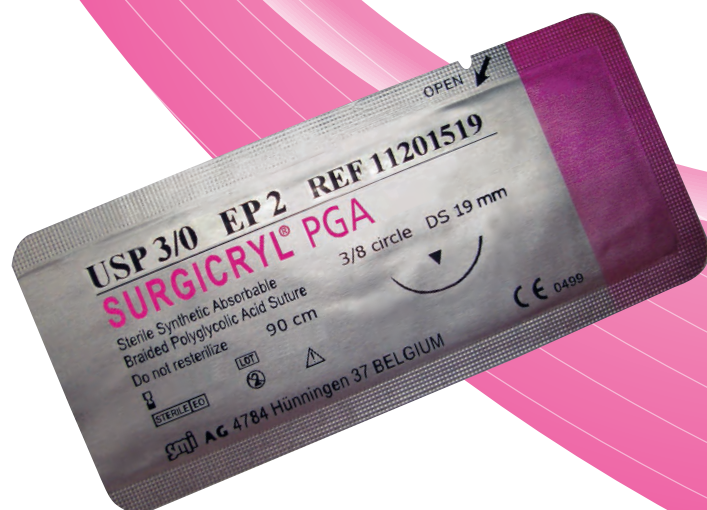
PGA

POLYGLYCOLIC ACID

SURGICRYL[®]
PGA
POLYGLYCOLIC ACID



| | |
|------------------------|--|
| Type | Braided and coated multifilament |
| Composition | Polyglycolic acid |
| Coating | Polycaprolactone and calcium stearate (1%) |
| Colour | Violet / Beige - undyed |
| Tissue reaction | Minimal |
| Absorption | The hydrolytic action by which the material is broken down results in total absorption in approximately 60 to 90 days. Approximately 50% of tensile strength remain after 21 days. |
| Presentation | Box with 12 sutures |



*For quality
&
safety*

smi

www.sutures.be

SURGICRYL[®]

PGA
POLYGLYCOLIC ACID

CHARACTERISTICS

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

- Coated multifilament

- Hermetically sealed packing

BENEFITS

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

- Guaranteed seal and product sterility

INDICATIONS General soft tissue closing and/or ligation especially in

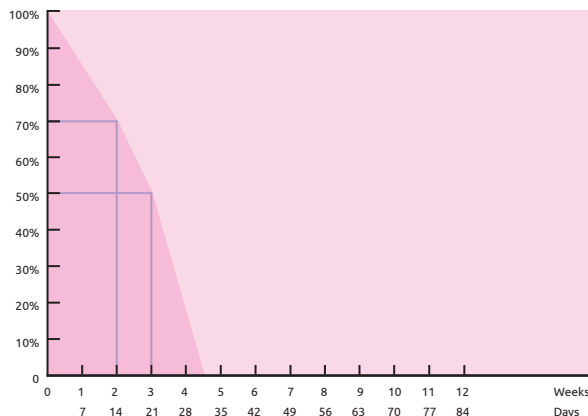
- General surgery
- Skin closure
- Gastrointestinal surgery
- Gynaecology
- Obstetrics
- Plastic surgery
- Urology
- Ophthalmic surgery
- Orthopaedics

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery

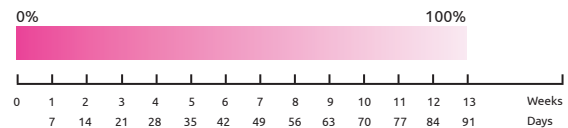
Being absorbable not to use when an extended wound support is required.

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

TENSILE STRENGTH



ABSORPTION



Without needle 

| Metric | USP | Length | | Order number |
|--------|-----|------------|---------------|--------------|
| 2 | 3/0 | 150 cm | <i>violet</i> | 11200015 |
| 3 | 2/0 | 150 cm | <i>violet</i> | 11300015 |
| 3.5 | 0 | 150 cm | <i>violet</i> | 11350015 |
| 4 | 1 | 150 cm | <i>violet</i> | 11400015 |
| 5 | 2 | 150 cm | <i>violet</i> | 11500015 |
| 6 | 3&4 | 150 cm | <i>violet</i> | 11600015 |
| 7 | 5 | 150 cm | <i>violet</i> | 11700015 |
| 8 | 6 | 150 cm | <i>violet</i> | 11800015 |
| 1.5 | 4/0 | 3 x 50 cm | <i>violet</i> | 11150050 |
| 2 | 3/0 | 3 x 50 cm | <i>violet</i> | 11200050 |
| 3 | 2/0 | 3 x 50 cm | <i>violet</i> | 11300050 |
| 3.5 | 0 | 3 x 50 cm | <i>violet</i> | 11350050 |
| 4 | 1 | 3 x 50 cm | <i>violet</i> | 11400050 |
| 5 | 2 | 3 x 50 cm | <i>violet</i> | 11500050 |
| 2 | 3/0 | 12 x 45 cm | <i>violet</i> | 11200045 |
| 3 | 2/0 | 12 x 45 cm | <i>violet</i> | 11300045 |
| 3.5 | 0 | 12 x 45 cm | <i>violet</i> | 11350045 |
| 4 | 1 | 12 x 45 cm | <i>violet</i> | 11400045 |
| 5 | 2 | 12 x 45 cm | <i>violet</i> | 11500045 |
| 1.5 | 4/0 | 6 x 45 cm | <i>violet</i> | 11150045-6 |
| 2 | 3/0 | 6 x 45 cm | <i>violet</i> | 11200045-6 |
| 3 | 2/0 | 6 x 45 cm | <i>violet</i> | 11300045-6 |
| 3.5 | 0 | 6 x 45 cm | <i>violet</i> | 11350045-6 |
| 4 | 1 | 6 x 45 cm | <i>violet</i> | 11400045-6 |
| 5 | 2 | 6 x 45 cm | <i>violet</i> | 11500045-6 |
| 2 | 3/0 | 10 x 60 cm | <i>violet</i> | 11200060 |
| 3 | 2/0 | 10 x 60 cm | <i>violet</i> | 11300060 |
| 3.5 | 0 | 10 x 60 cm | <i>violet</i> | 11350060 |
| 2 | 3/0 | 5 x 70 cm | <i>violet</i> | 11200070 |
| 3 | 2/0 | 5 x 70 cm | <i>violet</i> | 11300070 |
| 3.5 | 0 | 5 x 70 cm | <i>violet</i> | 11350070 |
| 4 | 1 | 5 x 70 cm | <i>violet</i> | 11400070 |
| 5 | 2 | 5 x 70 cm | <i>violet</i> | 11500070 |

Without needle







Ligapack










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




Round bodied taper point




1/2 circle





| | Metric | USP | Length | | Order number |
|--|--------|-----|--------|---------------|--------------|
| HR 13 mm  | 0.7 | 6/0 | 75 cm | <i>violet</i> | 11070113 |
| | 1 | 5/0 | 75 cm | <i>violet</i> | 11100113 |
| | 1.5 | 4/0 | 75 cm | <i>violet</i> | 11150113 |
| HR 17 mm  | 0.7 | 6/0 | 75 cm | <i>violet</i> | 11070117 |
| | 1 | 5/0 | 75 cm | <i>violet</i> | 11100117 |
| | 1.5 | 4/0 | 75 cm | <i>violet</i> | 11150117 |
| | 2 | 3/0 | 75 cm | <i>violet</i> | 11200117 |
| | 3 | 2/0 | 75 cm | <i>violet</i> | 11300117 |
| HR 22 mm  | 1.5 | 4/0 | 75 cm | <i>violet</i> | 11150122 |
| | 2 | 3/0 | 75 cm | <i>violet</i> | 11200122 |
| | 2 | 3/0 | 75 cm | <i>undyed</i> | 11200122U |
| HR 26 mm  | 3 | 2/0 | 75 cm | <i>violet</i> | 11300122 |
| | 1.5 | 4/0 | 75 cm | <i>violet</i> | 11150126 |
| | 2 | 3/0 | 75 cm | <i>violet</i> | 11200126 |
| HR 30 mm  | 3 | 2/0 | 75 cm | <i>violet</i> | 11300126 |
| | 3 | 2/0 | 75 cm | <i>undyed</i> | 11300126U |
| | 3.5 | 0 | 75 cm | <i>violet</i> | 11350126 |
| | 4 | 1 | 75 cm | <i>violet</i> | 11400126 |
| | 2 | 3/0 | 75 cm | <i>violet</i> | 11200130 |
| | 3 | 2/0 | 75 cm | <i>violet</i> | 11300130 |
| HR 36 mm  | 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 |
| | 2 | 3/0 | 75 cm | <i>violet</i> | 11200136 |
| | 3 | 2/0 | 75 cm | <i>violet</i> | 11300136 |
| | 3.5 | 0 | 90 cm | <i>violet</i> | 11350136 |
| | 4 | 1 | 90 cm | <i>violet</i> | 11400136 |


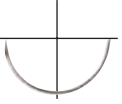

| Round bodied taper point  | | Metric | USP | Length | | Order number |
|--|--|--------|---------------|----------|---------------|--------------|
| 1/2 circle  | HR 40 mm  | 3 | 2/0 | 75 cm | <i>violet</i> | 11300140 |
| | | 3.5 | 0 | 90 cm | <i>violet</i> | 11350140 |
| | | 4 | 1 | 75 cm | <i>violet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


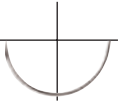

| Round bodied taper point  | | Metric | USP | Length | | Order number |
|--|--|--------|-----|--------|---------------|--------------|
| 3/8 circle  | DR 17 mm  | 1.5 | 4/0 | 75 cm | <i>violet</i> | 11150217 |
| | | 2 | 3/0 | 75 cm | <i>violet</i> | 11200217 |




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

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

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

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

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

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





Reverse cutting














3/8 circle






| | | Metric | USP | Length | | Order number |
|-----------------------|--|--------|-----|--------|---------------|--------------|
| 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[®]

RAPID

POLYGLYCOLIC ACID



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



*For quality
&
safety*

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

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SURGICRYL[®]

RAPID

POLYGLYCOLIC ACID

CHARACTERISTICS

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

- Coated multifilament

- Hermetically sealed packing

BENEFITS

- Excellent tissue support
- Minimal tissue reaction
- Predictable absorption rate, quick mass absorption
- Excellent handling properties
- High flexibility
- High tensile strength
- Excellent knot security

- Soft passage through the tissues with minimal sawing, tissue drag and trauma
- Good knot tie down / adjustability
- Reduced capillary action

- Guaranteed seal and product sterility

INDICATIONS Superficial soft tissue closing of skin and mucosa only

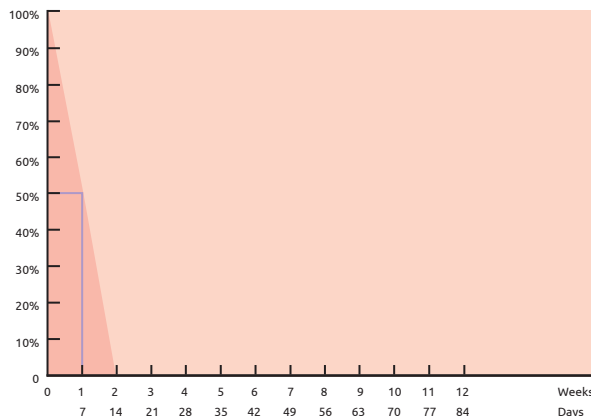
especially in Plastic surgery
Obstetrics (Episiotomy repair)
Gynaecology
Urology (Circumcision)
Ophthalmic surgery (Conjunctiva)
Pediatric surgery

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Ligation

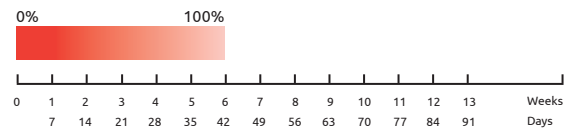
When wound support for more than 7 days is required.

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

TENSILE STRENGTH



ABSORPTION



Without needle



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




Round bodied taper point






















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



1/2 circle













| 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 |
| | 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 |

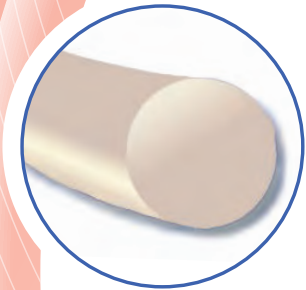
| Round bodied taper cutting point  | | Metric | USP | Length | Order number |
|--|---|--------|------------------------|--------|------------------------|
| 1/2 Circle  | HRT 17 mm  | 2 | 3/0 | 75 cm | <i>undyed</i> 14200517 |
| | HRT 26 mm  | 3 | 2/0 | 75 cm | <i>undyed</i> 14300526 |
| | HRT 36 mm  | 3 | 2/0 | 90 cm | <i>undyed</i> 14300536 |
| | | 3.5 | 0 | 90 cm | <i>undyed</i> 14350536 |
| | | 4 | 1 | 90 cm | <i>undyed</i> 14400536 |
| | HRT 40 mm  | 3 | 2/0 | 90 cm | <i>undyed</i> 14300540 |
| | | 3.5 | 0 | 90 cm | <i>undyed</i> 14350540 |
| 4 | 1 | 90 cm | <i>undyed</i> 14400540 | | |

| 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[®]

MONOFAST

POLYGLYCAPRONE 25



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



*For quality
&
safety*

smi

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SURGICRYL[®]

MONOFAST

POLYGLECAPRONE 25

CHARACTERISTICS

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

- Pliability and softness
- Hermetically sealed packing

BENEFITS

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

- Good handling properties
- Easy and secure knotting

- Guaranteed seal and product sterility

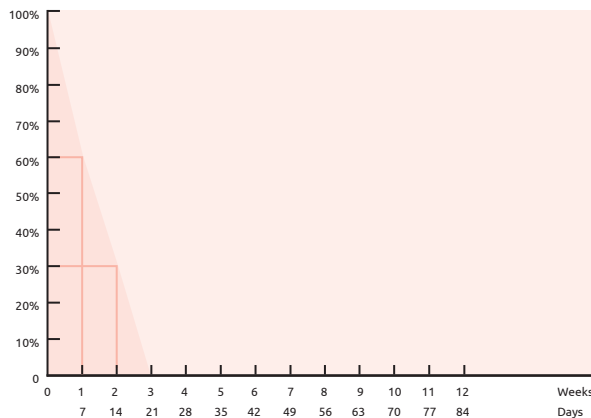
INDICATIONS Superficial soft tissue and/or ligation
 especially in General surgery
 Skin closure
 Plastic surgery
 Gastrointestinal surgery
 Gynaecology
 Urology

CONTRAINDICATIONS Cardiovascular surgery
 Neurosurgery
 Ophthalmic surgery

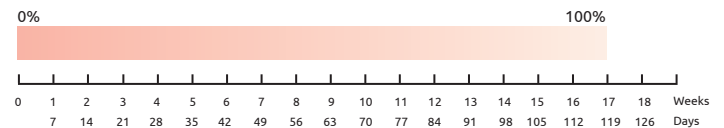
Being absorbable not to use when an extended wound support is required.

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

TENSILE STRENGTH



ABSORPTION



Without needle 

Metric USP Length Order number

| | | | | |
|-----|-----|--------|---------------|----------|
| 3 | 2/0 | 150 cm | <i>violet</i> | 16300015 |
| 3.5 | 0 | 150 cm | <i>violet</i> | 16350015 |
| 4 | 1 | 150 cm | <i>violet</i> | 16400015 |
| 5 | 2 | 120 cm | <i>violet</i> | 16500012 |
| 5 | 2 | 150 cm | <i>violet</i> | 16500015 |

Without needle 

Metric USP Length Order number

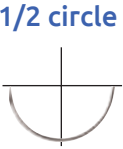







Ligapack



| | | | | |
|---|---|--------|---------------|----------|
| 5 | 2 | 250 cm | <i>violet</i> | 16500025 |
|---|---|--------|---------------|----------|



Round bodied taper point 

Metric USP Length Order number

| | | | | | | |
|--|--|-----|-------|---------------|---------------|----------|
|  | HR 13 mm  | 0.7 | 6/0 | 45 cm | <i>violet</i> | 16070113 |
| | | 1 | 5/0 | 45 cm | <i>violet</i> | 16100113 |
| | | 1.5 | 4/0 | 75 cm | <i>violet</i> | 16150113 |
| | HR 17 mm  | 1 | 5/0 | 45 cm | <i>violet</i> | 16100117 |
| | | 1.5 | 4/0 | 75 cm | <i>violet</i> | 16150117 |
| | | 2 | 3/0 | 75 cm | <i>violet</i> | 16200117 |
| | HR 22 mm  | 1.5 | 4/0 | 75 cm | <i>violet</i> | 16150122 |
| | | 2 | 3/0 | 75 cm | <i>violet</i> | 16200122 |
| | | 3 | 2/0 | 75 cm | <i>violet</i> | 16300122 |
| | HR 26 mm  | 1.5 | 4/0 | 75 cm | <i>violet</i> | 16150126 |
| | | 2 | 3/0 | 75 cm | <i>violet</i> | 16200126 |
| | | 3 | 2/0 | 75 cm | <i>violet</i> | 16300126 |
| 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 |
|--|--|--------|-------|---------------|---------------|--------------|
| 3/8 circle  | 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 |
|--|--|--------|-----|--------|---------------|--------------|
| 1/2 circle  | 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 |

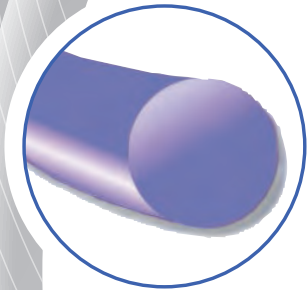
| Cutting  | | Metric | USP | Length | | Order number |
|--|--|--------|-----|--------|---------------|--------------|
| Straight  | GS 60 mm  | 2 | 3/0 | 75 cm | <i>undyed</i> | 16202160 |
| | | 3 | 2/0 | 75 cm | <i>undyed</i> | 16302160 |

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

SURGICRYL[®]

MONOFILAMENT

POLYDIOXANONE



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



*For quality
&
safety*



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SURGICRYL[®]

MONOFILAMENT

POLYDIOXANONE

CHARACTERISTICS

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

BENEFITS

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

INDICATIONS General soft tissue closing especially in

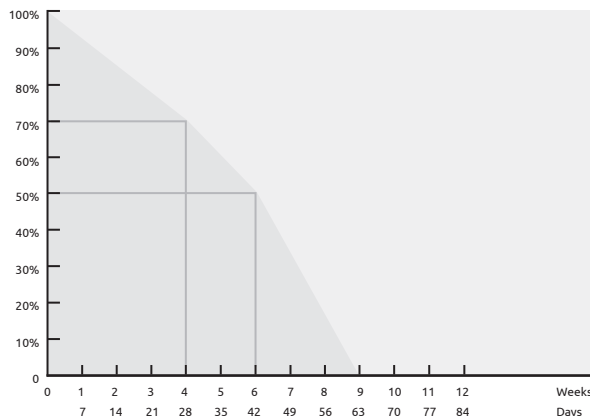
- General surgery
- Gastrointestinal surgery
- Ophthalmic surgery
- Orthopaedics
- Abdominal wall closure
- Gynaecology
- Plastic surgery
- Urology

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery
Prosthetic devices

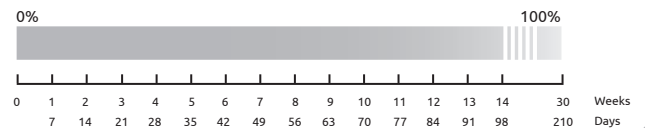
Being absorbable not to use when wound support for more than 6 weeks is required.

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

TENSILE STRENGTH



ABSORPTION



Without needle



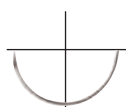
| | Metric | USP | Length | | Order number |
|--|--------|-----|--------|---------------|--------------|
| | 5 | 2 | 150 cm | <i>violet</i> | 13500015 |
| | 6 | 3&4 | 150 cm | <i>violet</i> | 13600015 |

Round bodied taper point



| | Metric | USP | Length | | Order number |
|----------|--------|-----|--------|---------------|--------------|
| 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 |
| | 1.5 | 4/0 | 75 cm | <i>violet</i> | 13150126 |
| HR 30 mm | 2 | 3/0 | 75 cm | <i>violet</i> | 13200126 |
| | 3 | 2/0 | 75 cm | <i>violet</i> | 13300126 |
| | 3.5 | 0 | 75 cm | <i>violet</i> | 13350126 |
| HR 36 mm | 2 | 3/0 | 75 cm | <i>violet</i> | 13200130 |
| | 3 | 2/0 | 75 cm | <i>violet</i> | 13300130 |
| | 3.5 | 0 | 75 cm | <i>violet</i> | 13350130 |
| HR 40 mm | 3 | 2/0 | 75 cm | <i>violet</i> | 13300136 |
| | 3.5 | 0 | 90 cm | <i>violet</i> | 13350136 |
| | 4 | 1 | 90 cm | <i>violet</i> | 13400136 |
| HR 48 mm | 3 | 2/0 | 75 cm | <i>violet</i> | 13300140 |
| | 3.5 | 0 | 90 cm | <i>violet</i> | 13350140 |
| | 4 | 1 | 90 cm | <i>violet</i> | 13400140 |
| HR 48 mm | 5 | 2 | 90 cm | <i>violet</i> | 13500140 |
| | 4 | 1 | 90 cm | <i>violet</i> | 13400148 |
| | 5 | 2 | 90 cm | <i>violet</i> | 13500148 |

1/2 circle



Round bodied taper point double armed



| | Metric | USP | Length | | Order number |
|--------------|--------|-----|--------|---------------|--------------|
| 2 x HR 13 mm | 1 | 5/0 | 75 cm | <i>violet</i> | 13100113-2 |
| 2 x HR 17 mm | 1 | 5/0 | 90 cm | <i>violet</i> | 13100117-2 |
| | 1.5 | 4/0 | 75 cm | <i>violet</i> | 13150117-2 |







1/2 circle









| Round bodied taper point double armed | | | Metric | USP | Length | Color | Order number |
|---------------------------------------|--------------|--|--------|-----|--------|---------------|--------------|
| 3/8 circle | 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 | Color | Order number |
|-------------------------------|----------|--|--------|-----|--------|---------------|--------------|
| 1/2 circle | HR 40 mm | | 3.5 | 0 | 150 cm | <i>violet</i> | 13350940 |
| | | | 4 | 1 | 150 cm | <i>violet</i> | 13400940 |
| | HR 50 mm | | 3.5 | 0 | 150 cm | <i>violet</i> | 13350950 |
| | | | 4 | 1 | 150 cm | <i>violet</i> | 13400950 |
| | | | 5 | 2 | 150 cm | <i>violet</i> | 13500950 |
| | HR 65 mm | | 4 | 1 | 150 cm | <i>violet</i> | 13400965 |

| Reverse cutting | | | Metric | USP | Length | Color | Order number |
|-----------------------|--------------------|--|--------|-----|--------|---------------|--------------|
| 3/8 circle | DS 12 mm | | 0.7 | 6/0 | 45 cm | <i>violet</i> | 13071512 |
| | | | 1 | 5/0 | 45 cm | <i>violet</i> | 13101512 |
| | | | 1.5 | 4/0 | 75 cm | <i>violet</i> | 13151512 |
| | DS 16 mm | | 1 | 5/0 | 75 cm | <i>violet</i> | 13101516 |
| | | | 1.5 | 4/0 | 75 cm | <i>violet</i> | 13151516 |
| | DS 16 mm 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 | |
|--|--|--------|-----|--------|---------------|----------|
| 3/8 circle  | 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 | |
|---|---|--------|-----|--------|---------------|----------|
| 1/2 circle  | HS 36 mm  | 3 | 2/0 | 75 cm | <i>violet</i> | 13301436 |
| | | 3.5 | 0 | 75 cm | <i>violet</i> | 13351436 |
| | | 4 | 1 | 75 cm | <i>violet</i> | 13401436 |

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

CATGUT

PLAIN



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

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safety*

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CATGUT

PLAIN

CHARACTERISTICS

- High tensile strength
- Absorption by phagocytosis
- Twisted structure

- Uniform diameter by centerless polishing (monofilament appearance)

- Hermetically sealed packing

BENEFITS

- Excellent tissue support
- Uniform absorption
- Excellent handling properties
- High flexibility
- High tensile strength
- Excellent knot security

- Soft passage through the tissues without sawing, tissue drag and trauma
- Excellent knot tie down

- Guaranteed seal and product sterility

INDICATIONS General soft tissue closing and/or ligation especially in

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

CONTRAINDICATIONS Cardiovascular surgery
Neurosurgery

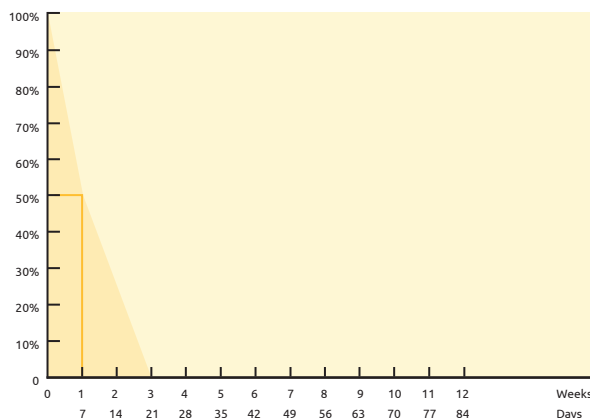
Being absorbable not to use when an extended wound support is required.

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

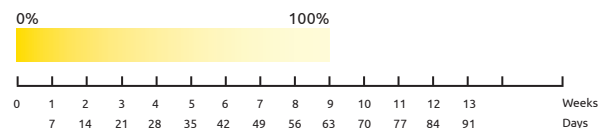
In the region of infected wounds

Known sensitivities or allergies to collagen

TENSILE STRENGTH



ABSORPTION



CATGUT

PLAIN









Without needle 

Metric USP Length Order number

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

Round bodied taper point 

Metric USP Length Order number

| | | | | | | |
|----------|---|-----|-----|-------|--------------|------------|
| HR 16 mm |  | 1.5 | 5/0 | 75 cm | <i>ivory</i> | 1150116 |
| | | 2 | 4/0 | 75 cm | <i>ivory</i> | 1200116 |
| HR 20 mm |  | 2 | 4/0 | 75 cm | <i>ivory</i> | 1200120 |
| | | 3 | 3/0 | 75 cm | <i>ivory</i> | 1300120 |
| HR 26 mm |  | 3.5 | 2/0 | 75 cm | <i>ivory</i> | 1350120 |
| | | 2 | 4/0 | 75 cm | <i>ivory</i> | 1200126 |
| HR 30 mm |  | 3 | 3/0 | 75 cm | <i>ivory</i> | 1300126 |
| | | 3.5 | 2/0 | 75 cm | <i>ivory</i> | 1350126 |
| | | 4 | 0 | 75 cm | <i>ivory</i> | 1400126 |
| HR 37 mm |  | 3 | 3/0 | 75 cm | <i>ivory</i> | 1300130 |
| | | 3.5 | 2/0 | 75 cm | <i>ivory</i> | 1350130 |
| | | 4 | 0 | 75 cm | <i>ivory</i> | 1400130 |
| | | 5 | 1 | 75 cm | <i>ivory</i> | 1500130 |
| 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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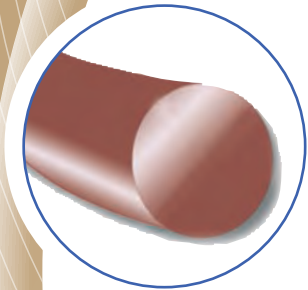
CATGUT

PLAIN

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

CATGUT

CHROM



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

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safety*

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CATGUT

CHROM

CHARACTERISTICS

- High tensile strength
- Absorption by phagocytosis
- Twisted structure

- Uniform diameter by centerless polishing (monofilament appearance)

- Hermetically sealed packing

BENEFITS

- Excellent tissue support
- Uniform absorption
- Excellent handling properties
- High flexibility
- High tensile strength
- Excellent knot security

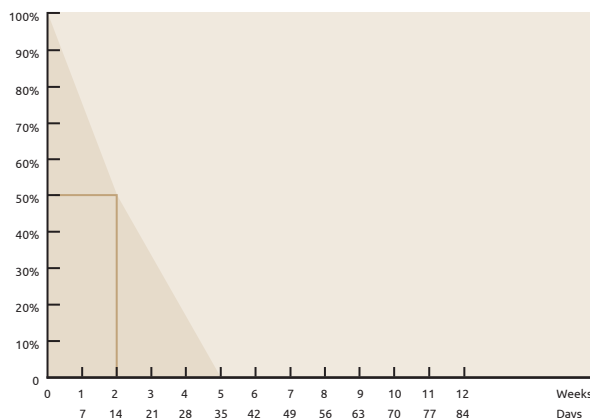
- Soft passage through the tissues without sawing, tissue drag and trauma
- Excellent knot tie down

- Guaranteed seal and product sterility

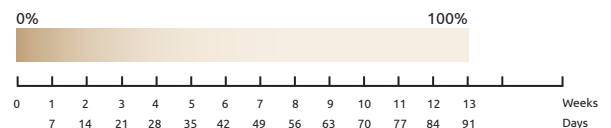
INDICATIONS General soft tissue closing and/or ligation especially in
General surgery
Gastrointestinal surgery
Gynaecology
Obstetrics
Urology
Ophthalmic surgery

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

TENSILE STRENGTH



ABSORPTION



CATGUT

CHROM

Without needle



Metric USP Length Order number

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

Round bodied taper point













Metric USP Length Order number




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

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









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

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



CATGUT

CHROM

Reverse cutting  Metric USP Length Order number

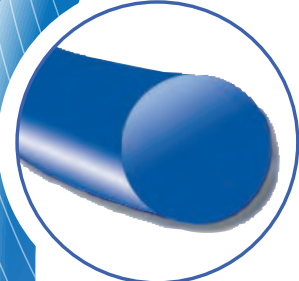
| Reverse cutting | | Metric | USP | Length | | Order number |
|--|--|--------|-------|--------------|--------------|--------------|
| 3/8 circle  | DS 12 mm  | 1 | 6/0 | 45 cm | <i>brown</i> | 2101512 |
| | | 1.5 | 5/0 | 45 cm | <i>brown</i> | 2151512 |
| | DS 16 mm  | 1.5 | 5/0 | 75 cm | <i>brown</i> | 2151516 |
| | | 2 | 4/0 | 75 cm | <i>brown</i> | 2201516 |
| | | 3 | 3/0 | 75 cm | <i>brown</i> | 2301516 |
| | DS 19 mm  | 1.5 | 5/0 | 75 cm | <i>brown</i> | 2151519 |
| | | 2 | 4/0 | 75 cm | <i>brown</i> | 2201519 |
| | | 3 | 3/0 | 75 cm | <i>brown</i> | 2301519 |
| | DS 24 mm  | 3.5 | 2/0 | 75 cm | <i>brown</i> | 2351519 |
| | | 2 | 4/0 | 75 cm | <i>brown</i> | 2201524 |
| | | 3 | 3/0 | 75 cm | <i>brown</i> | 2301524 |
| | DS 30 mm  | 3.5 | 2/0 | 75 cm | <i>brown</i> | 2351524 |
| 4 | | 0 | 75 cm | <i>brown</i> | 2401524 | |
| 5 | | 1 | 75 cm | <i>brown</i> | 2501524 | |
| DS 37 mm  | 3 | 3/0 | 75 cm | <i>brown</i> | 2301530 | |
| | 3.5 | 2/0 | 75 cm | <i>brown</i> | 2351530 | |
| | 4 | 0 | 75 cm | <i>brown</i> | 2401530 | |
| DS 40 mm  | 5 | 1 | 75 cm | <i>brown</i> | 2501530 | |
| | 3.5 | 2/0 | 75 cm | <i>brown</i> | 2351537 | |
| | | 4 | 0 | 75 cm | <i>brown</i> | 2401537 |
| | | 5 | 1 | 75 cm | <i>brown</i> | 2501537 |
| | | 3.5 | 2/0 | 75 cm | <i>brown</i> | 2351540 |
| | | 6 | 2 | 75 cm | <i>brown</i> | 2601540 |

Reverse cutting  Metric USP Length Order number

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

POLYPROPYLENE

BLUE



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

*For quality
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safety*



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POLYPROPYLENE

BLUE


CHARACTERISTICS

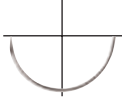











- ✓ High tensile strength, non absorbable
- ✓ Resistance to repeated bending
- ✓ Synthetic
- ✓ Monofilament with microscopic uniform diameter
- ✓ Pliability and softness
- ✓ Hermetically sealed packing


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

Round bodied taper point 

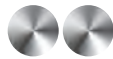
| | | Metric | USP | Length | Order number |
|--|--|--------|-----|--------|---------------------|
| 3/8 circle  | DR 16 mm  | 1.5 | 4/0 | 75 cm | <i>blue</i> 5150216 |

Round bodied taper point
double armed

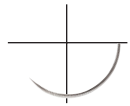


| | | Metric | USP | Length | | Order number | |
|-------------------|--------------|--------|-----|--------|-------------|--------------|-----------|
| <p>1/2 circle</p> | 2 x HR 8 mm | | 0.4 | 8/0 | 60 cm | <i>blue</i> | 5040108-2 |
| | | | 0.5 | 7/0 | 60 cm | <i>blue</i> | 5050108-2 |
| | | | 0.7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

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 10 mm | 0.7 | 6/0 | 60 cm | <i>blue</i> 5070210-2 |
| | | 2 x DR 13 mm | 1 | 5/0 | 60 cm |
| | 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 |
| | DS 12 mm Easy Pass | 0.7 | 6/0 | 50 cm | <i>blue</i> 5071512P |
| | | 1 | 5/0 | 50 cm | <i>blue</i> 5101512P |
| | DS 16 mm | 0.7 | 6/0 | 45 cm | <i>blue</i> 5071516 |
| | | 1 | 5/0 | 45 cm | <i>blue</i> 5101516 |
| | | 1.5 | 4/0 | 75 cm | <i>blue</i> 5151516 |
| | DS 16 mm Easy Pass | 2 | 3/0 | 75 cm | <i>blue</i> 5201516 |
| | | 0.7 | 6/0 | 50 cm | <i>blue</i> 5071516P |
| | | 1 | 5/0 | 50 cm | <i>blue</i> 5101516P |
| | DS 16 mm black | 1.5 | 4/0 | 50 cm | <i>blue</i> 5151516P |
| | | 1 | 5/0 | 45 cm | <i>blue</i> 5101516VB |
| | | DS 19 mm | 0.7 | 6/0 | 75 cm |
| | 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 | | |

Reverse cutting



Metric











USP





Length






Order number







3/8 circle







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

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

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

| Round bodied taper cutting point double armed  | | Metric | USP | Length | Order number |
|---|---|--------|-----|--------|-----------------------|
| 1/2 circle  | 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 |
|--|---|--------|-----|--------|---------------------|
| 1/2 circle  | HRT 10 mm  | 0.7 | 6/0 | 75 cm | <i>blue</i> 5070510 |
| | HRT 25 mm  | 3 | 2/0 | 75 cm | <i>blue</i> 5300525 |

Soft cutting point coronary
double armed



3/8 circle



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

Soft cutting point coronary
black double armed



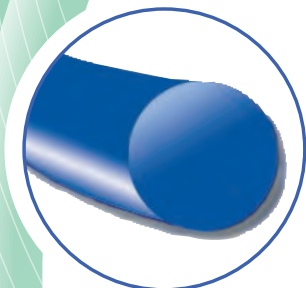
3/8 circle



| | | | Metric | USP | Length | | Order number |
|------------|--------------------|--|--------|-----|--------|-------------|--------------|
| 3/8 circle | 2 x CC 8 mm black | | 0.4 | 8/0 | 60 cm | <i>blue</i> | 5042608-2VB |
| | | | 0.5 | 7/0 | 75 cm | <i>blue</i> | 5052608-2VB |
| | | | 0.7 | 6/0 | 75 cm | <i>blue</i> | 5072608-2VB |
| | 2 x CC 13 mm black | | 0.7 | 6/0 | 75 cm | <i>blue</i> | 5072613-2VB |
| | | | 1 | 5/0 | 75 cm | <i>blue</i> | 5102613-2VB |

DACLON NYLON

DACLON
NYLON



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

*For quality
&
safety*

smi

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DACLON

NYLON

CHARACTERISTICS

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

BENEFITS

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

INDICATIONS General soft tissue closing and/or ligation

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









Daclon Black
 especially in Plastic surgery
 Ophthalmic surgery

Round bodied taper point



1/2 circle



| | | 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 |
| | | 4 | 1 | 75 cm | blue | 9400137 |
| | | | | | | |
| HR 40 mm |  | 3 | 2/0 | 75 cm | blue | 9300140 |
| | | 3.5 | 0 | 75 cm | blue | 9350140 |
| | | 4 | 1 | 75 cm | blue | 9400140 |
| | | 5 | 2 | 75 cm | blue | 9500140 |
| HR 50 mm |  | 4 | 1 | 100 cm | blue | 9400150 |

Round bodied taper point loop

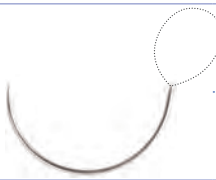


| | Metric | USP | Length | Order number |
|--|--------|-----|--------|--------------|
|--|--------|-----|--------|--------------|

| | | | | |
|----------|-----|---|--------|---------------------|
| HR 30 mm | 3.5 | 0 | 150 cm | <i>blue</i> 9350930 |
| | 4 | 1 | 150 cm | <i>blue</i> 9400930 |



| | | | | |
|----------|-----|---|--------|---------------------|
| HR 35 mm | 3.5 | 0 | 150 cm | <i>blue</i> 9350935 |
| | 4 | 1 | 150 cm | <i>blue</i> 9400935 |



1/2 circle



| | | | | |
|----------|-----|---|--------|---------------------|
| HR 40 mm | 3.5 | 0 | 150 cm | <i>blue</i> 9350940 |
| | 4 | 1 | 150 cm | <i>blue</i> 9400940 |



| | | | | |
|----------|-----|---|--------|---------------------|
| HR 50 mm | 3.5 | 0 | 150 cm | <i>blue</i> 9350950 |
| | 4 | 1 | 150 cm | <i>blue</i> 9400950 |



Round bodied taper point double armed



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

1/2 circle



2 x HR 65 mm

| | | | |
|---|-----|-------|-----------------------|
| 3 | 2/0 | 90 cm | <i>blue</i> 9300165-2 |
|---|-----|-------|-----------------------|



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 |
| 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 |
| DS 30 mm |  | 3 | 2/0 | 75 cm | <i>blue</i> | 9301526 |
| | | 2 | 3/0 | 75 cm | <i>blue</i> | 9201530 |
| | | 3 | 2/0 | 75 cm | <i>blue</i> | 9301530 |
| DS 36 mm |  | 3.5 | 0 | 75 cm | <i>blue</i> | 9351530 |
| | | 4 | 1 | 75 cm | <i>blue</i> | 9401530 |
| | | 2 | 3/0 | 75 cm | <i>blue</i> | 9201536 |
| DS 40 mm |  | 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 |
| | | 4 | 1 | 75 cm | <i>blue</i> | 9401540 |
| DS 45 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 60 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 90 mm |  | 3 | 2/0 | 75 cm | <i>blue</i> | 9301560 |
| | | 3.5 | 0 | 75 cm | <i>blue</i> | 9351560 |
| | | 3 | 2/0 | 100 cm | <i>blue</i> | 9301590 |
| DS 90 mm |  | 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 |  | 3 | 2/0 | 75 cm | blue | 9301426 |
| | | | 3.5 | 0 | 75 cm | blue | 9351430 |
| | HS 36 mm |  | 3.5 | 0 | 75 cm | blue | 9351436 |
| | | | 4 | 1 | 75 cm | blue | 9401436 |
| | | | 5 | 2 | 75 cm | blue | 9501436 |
| | HS 40 mm |  | 3.5 | 0 | 75 cm | blue | 9351440 |
| 4 | | | 1 | 75 cm | blue | 9401440 | |
| HS 48 mm |  | 4 | 1 | 100 cm | blue | 9401448 | |





Cutting



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

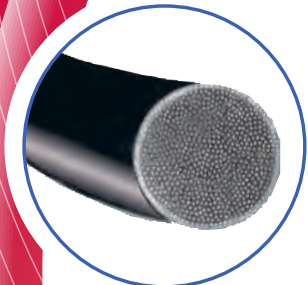
Cutting



| | | | 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


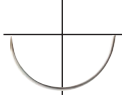








| | |
|------------------------|--|
| Type | Twisted and coated multifilament Sizes 5/0 and 6/0 monofilament |
| Composition | Polyamide 6.6 strands enclosed in a polyamide 6 sheet |
| Colour | Black |
| Tissue reaction | Minimal |
| Absorption | Non absorbable, gradually encapsulated by connective tissue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







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&
safety*





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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 |


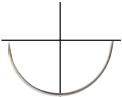

| Round bodied taper point | |  | Metric | USP | Length | Order number |
|--|----------|---|--------|-----|--------|----------------------|
| Straight  | GR 22 mm |  | 1.5 | 4/0 | 50 cm | <i>black</i> 4152022 |




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

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

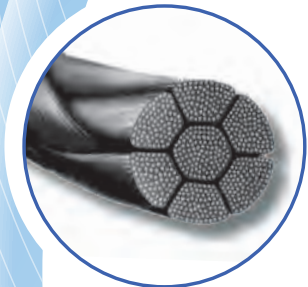
| Reverse cutting | |  | Metric | USP | Length | Order number |
|--|----------|---|--------|-----|--------|-------------------------|
| 3/8 circle  | DS 12 mm |  | 0.7 | 6/0 | 75 cm | <i>black</i> 4071512 |
| | | | 1 | 5/0 | 45 cm | <i>black</i> 4101512-45 |
| | | | 1 | 5/0 | 75 cm | <i>black</i> 4101512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

| Reverse cutting  | | Metric | USP | Length | Order number |
|--|--|--------|-------|--------------------------|-------------------------|
| 3/8 circle  | 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 |
| | | 3 | 2/0 | 75 cm | <i>black</i> 4301519 |
| DS 19 mm Easy Pass  | 1.5 | 4/0 | 75 cm | <i>black</i> 4151519P-75 | |
| DS 19 mm black  | 1 | 5/0 | 75 cm | <i>black</i> 4101519VB | |
| | 1.5 | 4/0 | 75 cm | <i>black</i> 4151519VB | |
| DS 24 mm  | 2 | 3/0 | 75 cm | <i>black</i> 4201524 | |
| | 3 | 2/0 | 75 cm | <i>black</i> 4301524 | |
| | 3.5 | 0 | 75 cm | <i>black</i> 4351524 | |
| DS 36 mm  | 3 | 2/0 | 75 cm | <i>black</i> 4301536 | |
| | 3.5 | 0 | 75 cm | <i>black</i> 4351536 | |
| | 4 | 1 | 75 cm | <i>black</i> 4401536 | |

| Round bodied taper cutting point  | | Metric | USP | Length | Order number |
|--|---|--------|-----|--------|----------------------|
| 1/2 circle  | 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 |
|--|---|--------|-----|--------|----------------------|
| 3/8 circle  | 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> |
|------------------------|--|--|
| Type | Braided multifilament | Twisted multifilament |
| Composition | Braided fibres from the cocoon of the silkworm | Twisted fibres from the cocoon of the silkworm |
| Coating | Waxes Silicone | None |
| Colour | Black | Blue |
| Tissue reaction | Moderate | |
| Absorption | Silk suture elicits an initial inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous connective tissues. | |
| Presentation | Box with 12 sutures | |

*For quality
&
safety*

smi

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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 |
| 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 |
| | | 4 | 1 | 75 cm | <i>black</i> 8400130 |
| HR 40 mm |  | 5 | 2 | 75 cm | <i>black</i> 8500130 |
| | | 2 | 3/0 | 75 cm | <i>black</i> 8200137 |
| | | 3 | 2/0 | 75 cm | <i>black</i> 8300137 |
| HR 45 mm |  | 3.5 | 0 | 75 cm | <i>black</i> 8350137 |
| | | 4 | 1 | 75 cm | <i>black</i> 8400137 |
| | | 5 | 2 | 75 cm | <i>black</i> 8500137 |
| HR 50 mm |  | 3.5 | 0 | 75 cm | <i>black</i> 8350140 |
| | | 4 | 1 | 75 cm | <i>black</i> 8400140 |
| | | 5 | 2 | 75 cm | <i>black</i> 8500140 |
| HR 55 mm |  | 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** **Order number**

| 3/8 Circle  | DR 16 mm  | 1.5 | 4/0 | 75 cm | <i>black</i> | 8150216 |
|--|--|-----|-----|-------|--------------|---------|
| | | 2 | 3/0 | 75 cm | <i>black</i> | 8200216 |
| | DR 25 mm  | 2 | 3/0 | 75 cm | <i>black</i> | 8200225 |
| | | 3 | 2/0 | 75 cm | <i>black</i> | 8300225 |
| | DR 30 mm  | 3 | 2/0 | 75 cm | <i>black</i> | 8300230 |








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

| Straight | GR 40 mm  | 3 | 2/0 | 75 cm | <i>black</i> | 8302040 |
|-----------------|--|---|-----|-------|--------------|---------|

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











| 3/8 Circle  | 2 x DS 12 mm  | 0.5 | 7/0 | 45 cm | <i>black</i> | 8051512-2 |
|--|--|-----|-----|-------|--------------|-----------|
| | | 0.7 | 6/0 | 45 cm | <i>black</i> | 8071512-2 |

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

| 3/8 Circle  | DS 12 mm  | 0.5 | 7/0 | 45 cm | <i>black</i> | 8051512 |
|--|--|-----|-----|-------|--------------|-----------|
| | | 0.7 | 6/0 | 45 cm | <i>black</i> | 8071512 |
| | | 1 | 5/0 | 45 cm | <i>black</i> | 8101512 |
| | | 1.5 | 4/0 | 75 cm | <i>black</i> | 8151512 |
| | | 2 | 3/0 | 75 cm | <i>black</i> | 8201512 |
| | DS 12 mm Easy Pass  | 0.7 | 6/0 | 50 cm | <i>black</i> | 8071512P |
| | DS 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 26 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 37 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 *black* 8401560


DS 90 mm  3.5 0 100 cm *black* 8351590


Reverse cutting 


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


1/2 circle





HS 12 mm  0.7 6/0 75 cm *black* 8071412


HS 17 mm  1 5/0 75 cm *black* 8101417


HS 17 mm  1.5 4/0 75 cm *black* 8151417


HS 17 mm  2 3/0 75 cm *black* 8201417


HS 20 mm  1.5 4/0 75 cm *black* 8151420


HS 20 mm  2 3/0 75 cm *black* 8201420


HS 22 mm  1 5/0 75 cm *black* 8101422


HS 22 mm  1.5 4/0 75 cm *black* 8151422


HS 22 mm  2 3/0 75 cm *black* 8201422


HS 22 mm  3 2/0 75 cm *black* 8301422

HS 26 mm  1 5/0 75 cm *black* 8101426

HS 26 mm  1.5 4/0 75 cm *black* 8151426


HS 26 mm  2 3/0 75 cm *black* 8201426

HS 26 mm  3 2/0 75 cm *black* 8301426

HS 26 mm  3.5 0 75 cm *black* 8351426

HS 36 mm  3.5 0 75 cm *black* 8351436


HS 36 mm  4 1 75 cm *black* 8401436


Cutting 


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


Straight





GS 40 mm  3 2/0 75 cm *black* 8302140



GS 60 mm  2 3/0 75 cm *black* 8202160

GS 60 mm  3 2/0 75 cm *black* 8302160

GS 60 mm  3.5 0 75 cm *black* 8352160

GS 60 mm  4 1 75 cm *black* 8402160

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

| Round bodied taper cutting point  | | Metric | USP | Length | Order number | |
|--|-----------|--------|-----|--------|--------------|--|
| 3/8 circle  | DRT 18 mm | | | | <i>black</i> | |
| | | | | | <i>black</i> | |

POLYESTER



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

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safety*

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POLYESTER

CHARACTERISTICS

- ✓ Unsurpassed tensile strength, non absorbable
- ✓ Resistance to repeated bending
- ✓ Synthetic
- ✓ Braided structure

- ✓ Coated multifilament

- ✓ Hermetically sealed packing

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

BENEFITS

- Excellent and permanent tissue support

- Use in cardiovascular surgery (heart prosthesis)

- Minimal tissue reaction

- Excellent handling properties
High flexibility
High tensile strength
Excellent knot security

- Soft passage through the tissues with minimal sawing, tissue drag and trauma
Good knot tie down / adjustability
Reduced capillary action

- Guaranteed seal and product sterility

POLYESTER

Without needle



Metric USP Length Order number

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

Without needle



Ligapack



Metric USP Length Order number

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

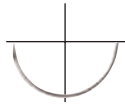
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Round bodied taper point



1/2 circle



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

Round bodied taper point double armed

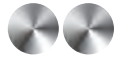


1/2 circle



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












| Reverse cutting | Metric | USP | Length | Order number |
|--|--------|-----|--------|------------------------|
| 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 |

3/8 circle



POLYESTER

Reverse cutting

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

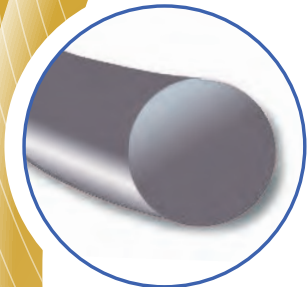
Cutting

Straight

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

STEEL

MONOFILAMENT



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

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safety*

smi

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STEEL

MONOFILAMENT

CHARACTERISTICS

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

- ✓ Hermetically sealed packing

BENEFITS

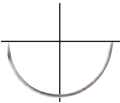



- Excellent and permanent tissue support
- Minimal tissue reaction
- Good handling properties
- Soft passage through the tissues without sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down

- Guaranteed seal and product sterility







INDICATIONS Closure of sternum
Orthopaedics
Abdominal wall closure
and hernia repair

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



Round bodied taper cutting point

| | | Metric | USP | Length | Order number |
|--|---|--------|-----------|-----------|--------------|
| 1/2 Circle  | HRT 40 mm  | 6 | 3&4 | 4 x 45 cm | ST45 |
| | HRT 48 mm  | 7 | 5 | 4 x 45 cm | ST55 |
| | | 8 | 6 | 4 x 45 cm | ST65 |
| HRT 54 mm  | 7 | 5 | 1 x 75 cm | ST54 | |

Reverse cutting

| | | Metric | USP | Length | Order number |
|--|--|--------|-----|-----------|--------------|
| 1/2 Circle  | HS 25 mm  | 3.5 | 0 | 4 x 45 cm | ST01 |
| | HS 40 mm  | 4 | 1 | 4 x 45 cm | ST11 |
| | | 5 | 2 | 4 x 45 cm | ST21 |
| | HS 48 mm  | 6 | 3&4 | 4 x 45 cm | ST41 |
| | | 9 | 7 | 4 x 45 cm | ST71 |
| | HS 50 mm  | 7 | 5 | 1 x 75 cm | ST53 |
| | | 7 | 5 | 4 x 45 cm | ST51 |
| | | 8 | 6 | 4 x 45 cm | ST61 |
| | HS 58 mm  | 7 | 5 | 4 x 45 cm | ST52 |
| | | 8 | 6 | 4 x 45 cm | ST62 |

Cutting

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



MICROSURGERY










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safety*

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MICROSURGERY





DACLON NYLON




| Micro needle taper point |  | Metric | USP | Length | Order number | |
|--|---|---------------------|------|--------|--------------------|--------------------|
| 3/8 Circle  |  | 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 | |

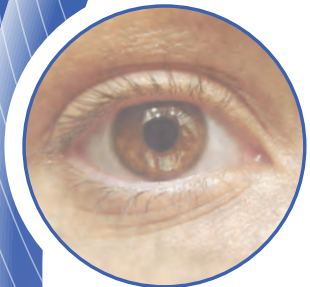
MICROSURGERY

POLYPROPYLENE

BLUE

| Micro needle taper point |  | Metric | USP | Length | Order number | |
|--|---|---------------------|-----|--------|--------------|-------------------|
| 3/8 circle  |  | 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 |
|--|--|--------|-----|--------|---------------|--------------|
| 3/8 circle  |   | 0.4 | 8/0 | 20 cm | <i>violet</i> | M910087 |


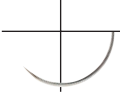







OPHTHALMIC SURGERY





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| Side cutting spatula double armed | | Metric | USP | Length | Order number |
|--|--------------------------|--------|------|--------|--------------------------|
| 1/2 circle  | 2 x HSP 8 mm 200 µm | 0.5 | 7/0 | 45 cm | <i>violet</i> OSU07 |
| | | | | | |
| Side cutting spatula double armed | | Metric | USP | Length | Order number |
| 3/8 circle  | 2 x DSP 6 mm 200 µm | 0.4 | 8/0 | 30 cm | <i>violet</i> OSU08-30 |
| | | 0.4 | 8/0 | 45 cm | <i>violet</i> OSU08 |
| | 2 x DSP 6,2 mm 150 µm | 0.2 | 10/0 | 30 cm | <i>violet</i> OSU10 |
| | 2 x DSP 6,4 mm 200 µm | 0.3 | 9/0 | 30 cm | <i>violet</i> OSU09 |
| | | 0.5 | 7/0 | 45 cm | <i>violet</i> OSU072 |
| | 2 x DSP 8 mm 200 µm | 0.5 | 7/0 | 45 cm | <i>violet</i> OSU071 |
| Side cutting spatula | | Metric | USP | Length | Order number |
| 3/8 circle  | DSP 6,2 mm 150 µm | 0.2 | 10/0 | 10 cm | <i>violet</i> OSU101 |
| | DSP 6,4 mm 200 µm | 0.3 | 9/0 | 30 cm | <i>violet</i> OSU09-1 |
| Side cutting spatula double armed | | Metric | USP | Length | Order number |
| 1/4 circle  | 2 x VSP 8 mm 300 µm | 0.7 | 6/0 | 45 cm | <i>violet</i> OSU06 |
| | 350 µm | 1 | 5/0 | 45 cm | <i>violet</i> OSU05 |
| Reverse cutting | | Metric | USP | Length | Order number |
| 3/8 circle  | DS 12 mm | 0.7 | 6/0 | 45 cm | <i>violet</i> 11071512 |
| | | 1 | 5/0 | 45 cm | <i>violet</i> 11101512 |
| | DS 12 mm Easy Pass | 0.7 | 6/0 | 50 cm | <i>undyed</i> 11071512UP |
| | | 1 | 5/0 | 50 cm | <i>undyed</i> 11101512UP |

| Side cutting spatula double armed | | Metric | USP | Length | Order number | |
|--|------------------------|---|-----|--------|--------------|------------------------|
| 1/2 Circle  | 2 x HSP 8 mm 200 µm |  | 0.4 | 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 | |
|---|-------------------------|---|-----|--------|--------------|-----------------------|
| 3/8 Circle  | 2 x DSP 6 mm 200 µm |  | 0.4 | 8/0 | 45 cm | <i>violet</i> O91008 |
| | 2 x DSP 6 mm 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 | |
|--|------------------------|---|-----|--------|--------------|--------------------------|
| 1/4 circle  | 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

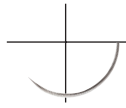
blue

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

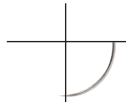
black

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

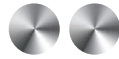
6/0

45 cm

black

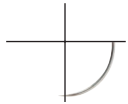
8071512-2

**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 | <i>black</i> | ON51 |
| Reverse cutting | |  | Metric | USP | Length | Order number | |
| 3/8 circle | DS 12 mm |  | 0.5 | 7/0 | 75 cm | <i>black</i> | 9051512 |
| | | | 0.7 | 6/0 | 75 cm | <i>black</i> | 9071512 |

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

| Side cutting spatula double armed | | Metric | USP | Length | | Order number |
|---|---|--------|------|--------|-------------|--------------|
| 3/8 Circle  | 2 x DSP 6,4 mm 200 µm | 0.2 | 10/0 | 30 cm | <i>blue</i> | OPP105 |
| | | 0.3 | 9/0 | 30 cm | <i>blue</i> | OPP95 |
| Side cutting spatula | | Metric | USP | Length | | Order number |
| 1/4 circle  | VSP 16 mm 150 µm | 0.2 | 10/0 | 10 cm | <i>blue</i> | OPP103 |
| | | | | | | |
| Side cutting spatula loop | | Metric | USP | Length | | Order number |
| 1/4 circle  | VSP 16 mm 150 µm | 0.2 | 10/0 | 10 cm | <i>blue</i> | OPP103L |
| | | | | | | |
| Side cutting spatula double armed | | Metric | USP | Length | | Order number |
| Straight  | 2 x GSP 16,15 mm 150 µm | 0.2 | 10/0 | 20 cm | <i>blue</i> | OPP101 |
| | | 0.3 | 9/0 | 20 cm | <i>blue</i> | OPP91 |
| Side cutting spatula loop | | Metric | USP | Length | | Order number |
| Straight  | GSP 16,15 mm 150 µm | 0.2 | 10/0 | 15 cm | <i>blue</i> | OPP110 |
| | | | | | | |
| Side cutting spatula double armed | | Metric | USP | Length | | Order number |
| Straight 3/8 Circle  | GSP 16 mm 150 µm DSP 4 mm 100 µm | 0.2 | 10/0 | 10 cm | <i>blue</i> | OPP102 |
| | | | | | | |



SPECIALITY PRODUCTS

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Skin Stapler & Remover

INDICATIONS:

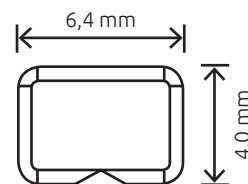
SMI Skin Stapler can be used for a variety of skin closures.

BENEFITS:

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

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

Staple size



Biopsy Punch

Sterile biopsy punch for accurate and gentle skin biopsies

Seamless stainless steel sharp cutting edge

Ribbed handle for sure grip and control



| | | |
|---------|--------|-------|
| Ø 2 mm | 25 pc. | ZBP2 |
| Ø 3 mm | 25 pc. | ZBP3 |
| Ø 4 mm | 25 pc. | ZBP4 |
| Ø 5 mm | 25 pc. | ZBP5 |
| Ø 6 mm | 25 pc. | ZBP6 |
| Ø 8 mm | 25 pc. | ZBP8 |
| Ø 10 mm | 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

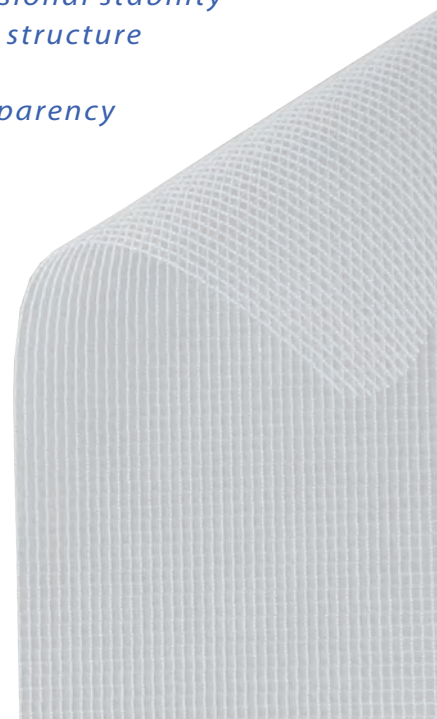
via celioscopy or laparotomy

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 |
|--|-----------------------|---|---|-----------------------------|
| 3/8 Circle  | 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 |
| 1/2 Circle  | DS 26 mm HRT 40 mm |  | 1 x USP 2/0 – DS 26 mm – 75 cm 2 x USP 0 – HRT 40 mm – 90 cm | <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 ZCE1 |
| | 2 x HRB 50 mm 4 mm polyester tape 50 cm ZCE4 |
| | 2 x HRB 65 mm 4 mm polyester tape 50 cm ZCE3 |

Patella Set

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

| Cutting | Metric | USP | Length | Order number | |
|--|-----------|-----|--------|--------------|-------------|
| 1/2 Circle  | HS 120 mm | 9 | 7 | 60 cm | ST75 |

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

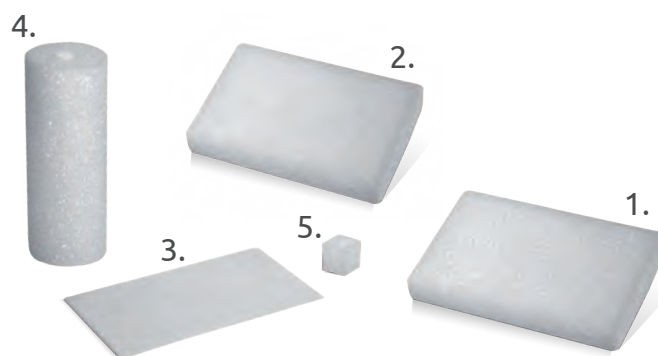
Absorbable Haemostatic Gelatin Sponge

COMPOSITION:

Highly purified first grade gelatine material

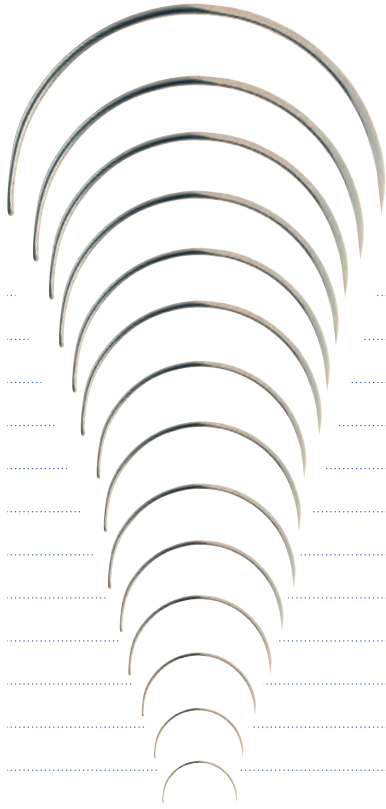
INDICATIONS:

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



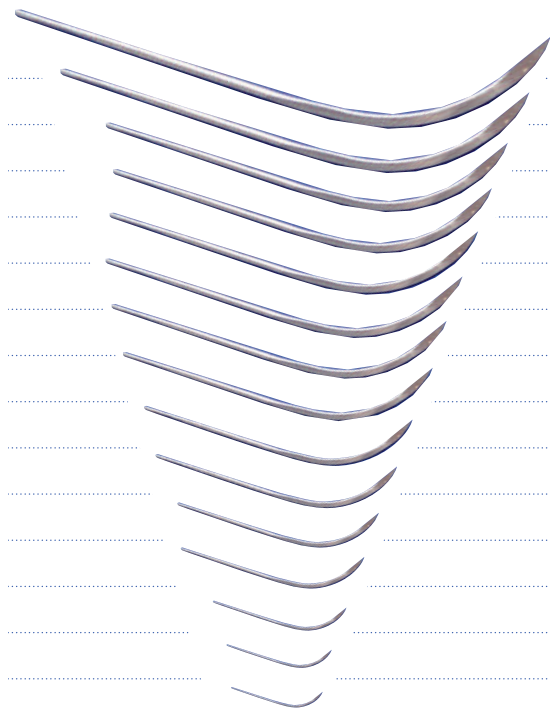
Ordinary Eye



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 |



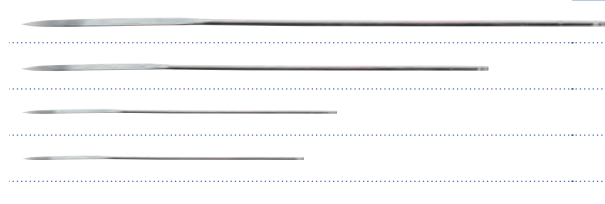



3/8 Circle



| |  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 |