

smi

DENTAL CATALOGUE

*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*

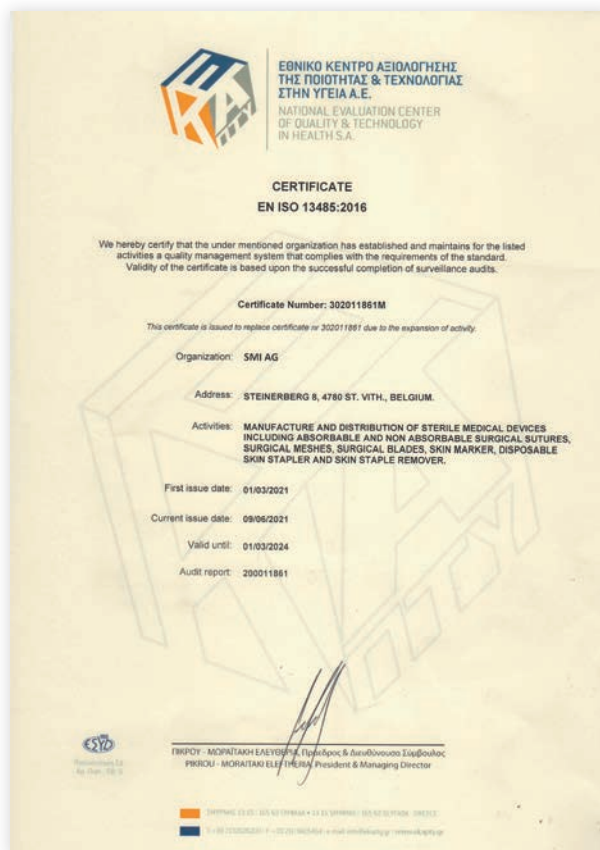
SMI exports to around 120 different countries all over the world. For this performance SMI received the "Royal Export Award 2000" from the Belgian Foreign Trade Board.

☒ *THE CATALOGUE*

This catalogue contains information about the most commonly used SMI dental products. On our Website you will find the full range of SMI products. We are constantly striving to increase our product range based on market developments and customer needs.

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





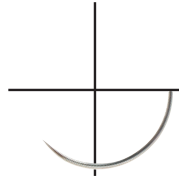
NEEDLE TYPES

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.

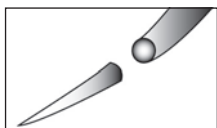
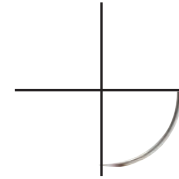
1/2 CIRCLE



3/8 CIRCLE

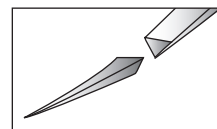


1/4 CIRCLE



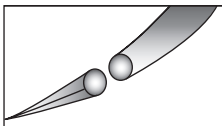
TAPER POINT

A gradual taper to a round bodied needle.



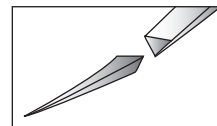
REVERSE CUTTING

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



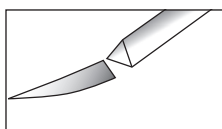
TAPER CUTTING POINT

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



EASY PASS NEEDLE

Precision point with extra sharpening.

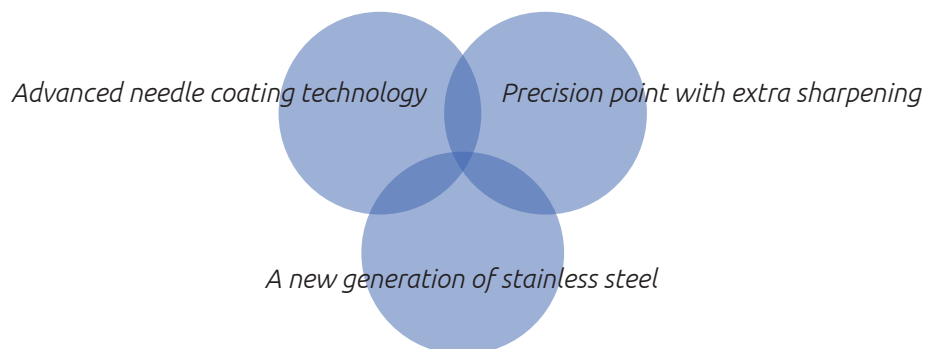


CONVENTIONAL CUTTING

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

- ✓ *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

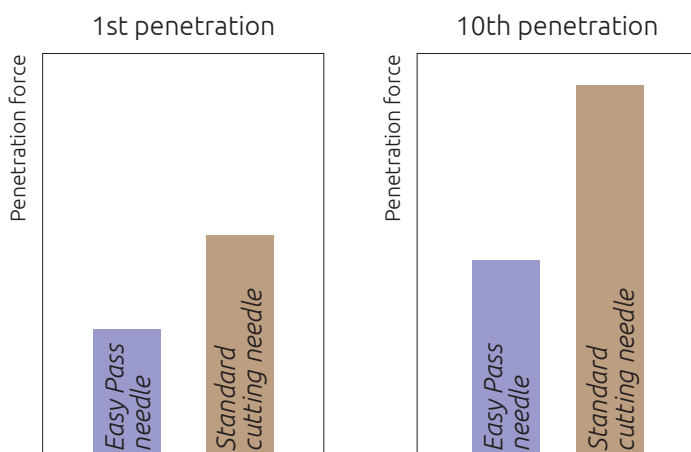
Excellent penetration to reduce patient trauma and to maintain intimal integrity
Optimal and predicable penetration
Long-lasting sharpness over a multiplicity of passes

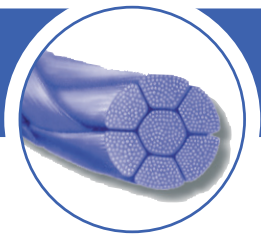
Significantly sharper pass after pass
Best bending and break resistance
Optimal combination of strength and ductility

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.





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 / Beige-undyed
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

CHARACTERISTICS

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

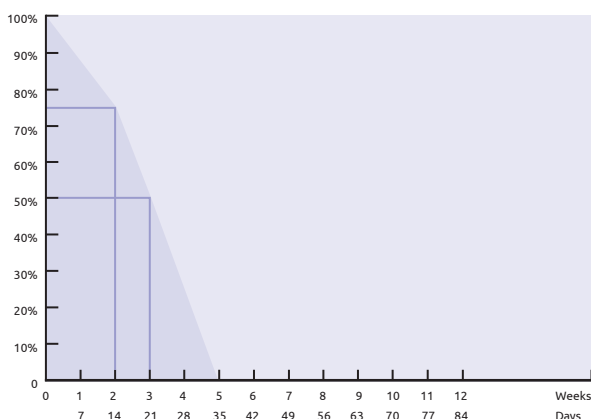
BENEFITS

- 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

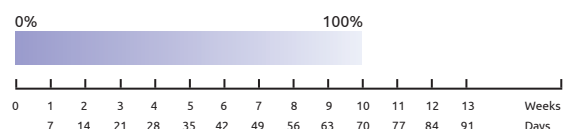
CONTRAINDICATIONS

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





Round bodied taper point

Metric

USP

Length

Order number

1/2 circle



HR 13 mm



0.7

6/0

75 cm

violet

15070113

1

5/0

75 cm

violet

15100113

1.5

4/0

75 cm

violet

15150113

1

5/0

75 cm

violet

15100117

1.5

4/0

75 cm

violet

15150117

2

3/0

75 cm

violet

15200117

3

2/0

75 cm

violet

15300117

HR 22 mm



1.5

4/0

75 cm

violet

15150122

2

3/0

75 cm

violet

15200122

3

2/0

75 cm

violet

15300122



Round bodied taper point

Metric

USP

Length

Order number

3/8 circle



DR 17 mm



1.5

4/0

45 cm

violet

15150217

DR 22 mm



2

3/0

75 cm

violet

15200222



Reverse cutting

Metric

USP

Length

Order number

1/2 circle



HS 12 mm



0.7

6/0

45 cm

violet

15071412

HS 17 mm



1

5/0

75 cm

violet

15101417

1.5

4/0

75 cm

violet

15151417

HS 22 mm



2

3/0

75 cm

violet

15201422

HS 23 mm



5

2

90 cm

violet

15501423

HS 26 mm



2

3/0

75 cm

violet

15201426

3

2/0

75 cm

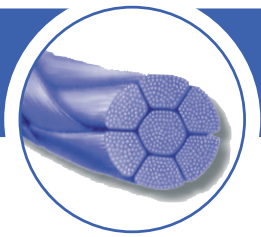
violet

15301426

 Reverse cutting			Metric	USP	Length		Order number
3/8 circle 	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
	DS 24 mm Easy Pass		2	3/0	50 cm	<i>undyed</i>	15201524UP

 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

 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



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

CHARACTERISTICS

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

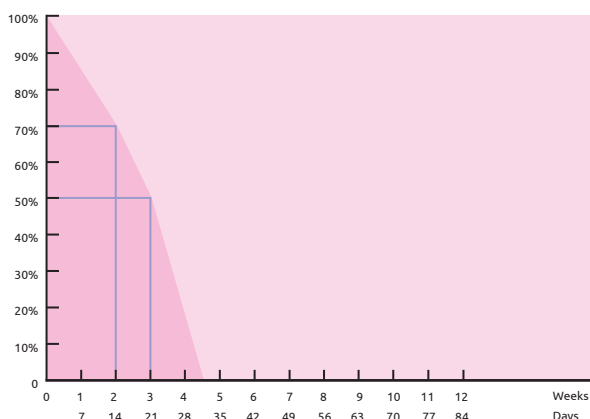
BENEFITS

- 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

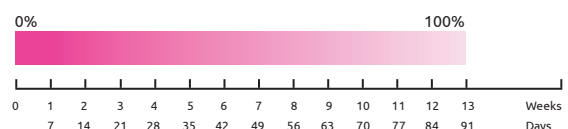
CONTRAINDICATIONS

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



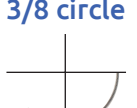
ABSORPTION



 Round bodied taper point		Metric	USP	Length		Order number	
1/2 circle 	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
			3	2/0	75 cm	<i>violet</i>	11300122

 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

 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

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



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
	DS 24 mm Easy Pass	2	3/0	50 cm	<i>undyed</i>		11201524UP
		3	2/0	50 cm	<i>undyed</i>		11301524UP



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

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

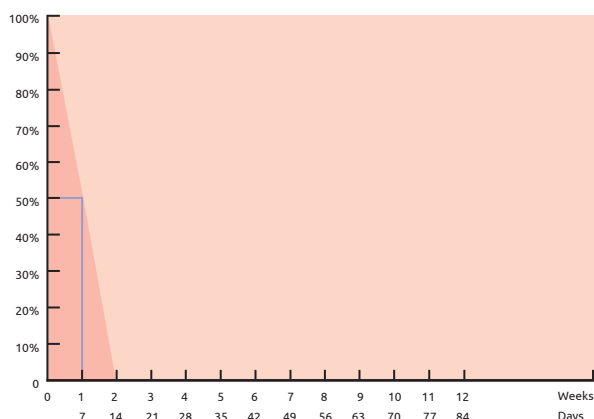
Guaranteed seal and product sterility

CONTRAINDICATIONS

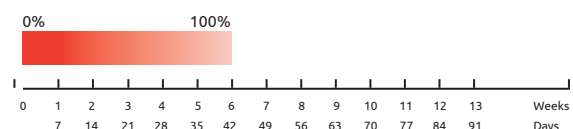
When wound support for more than 7 days is required.

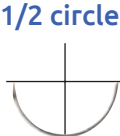
Caution in patients with delayed wound healing (e.g. compromised immune system).

TENSILE STRENGTH



ABSORPTION



 Round bodied taper point			Metric	USP	Length		Order number
 1/2 circle	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
			2	3/0	75 cm	<i>undyed</i>	14200117
	HR 22 mm		1.5	4/0	75 cm	<i>undyed</i>	14150122
			2	3/0	75 cm	<i>undyed</i>	14200122
			3	2/0	75 cm	<i>undyed</i>	14300122

 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

 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

 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

 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

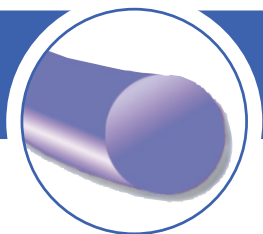


Reverse cutting

3/8 circle



			Metric	USP	Length		Order number
	DS 12 mm		0.7	6/0	75 cm	<i>undyed</i>	14071512
			1	5/0	75 cm	<i>undyed</i>	14101512
			1.5	4/0	75 cm	<i>undyed</i>	14151512
	DS 12 mm Easy Pass		0.7	6/0	50 cm	<i>undyed</i>	14071512P
			1	5/0	50 cm	<i>undyed</i>	14101512P
			1.5	4/0	50 cm	<i>undyed</i>	14151512P
	DS 16 mm		1	5/0	75 cm	<i>undyed</i>	14101516
			1.5	4/0	75 cm	<i>undyed</i>	14151516
			2	3/0	45 cm	<i>undyed</i>	14201516
	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



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

CHARACTERISTICS

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

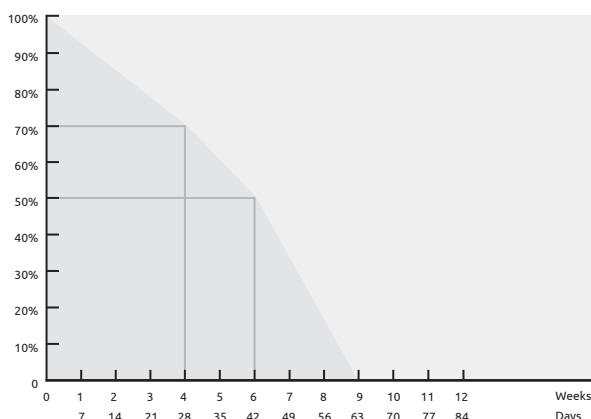
BENEFITS

- Outstanding strength retention for extended wound support
- Minimal tissue reaction
- Predictable absorption rate
- Soft passage through the tissues with minimal sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down
- Good handling properties
- Easy and secure knotting
- Guaranteed seal and product sterility

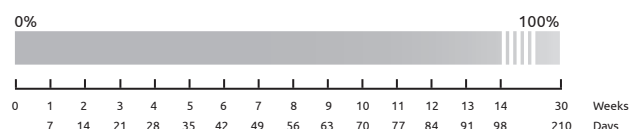
CONTRAINDICATIONS

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





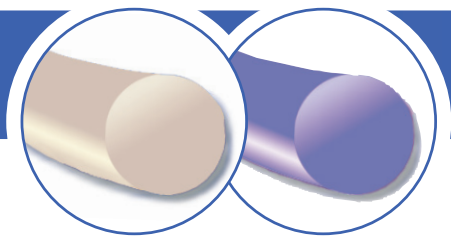
Round bodied taper point

			Metric	USP	Length		Order number
1/2 circle 	HR 13 mm		0.7	6/0	75 cm	<i>violet</i>	13070113
			1	5/0	75 cm	<i>violet</i>	13100113
	HR 17 mm		0.7	6/0	75 cm	<i>violet</i>	13070117
			1	5/0	75 cm	<i>violet</i>	13100117
			1.5	4/0	75 cm	<i>violet</i>	13150117
			2	3/0	75 cm	<i>violet</i>	13200117
	HR 22 mm		1.5	4/0	75 cm	<i>violet</i>	13150122
			2	3/0	75 cm	<i>violet</i>	13200122



Reverse cutting

			Metric	USP	Length		Order number
3/8 circle 	DS 12 mm		0.7	6/0	45 cm	<i>violet</i>	13071512
			1	5/0	45 cm	<i>violet</i>	13101512
			1.5	4/0	75 cm	<i>violet</i>	13151512
	DS 16 mm		1	5/0	75 cm	<i>violet</i>	13101516
			1.5	4/0	75 cm	<i>violet</i>	13151516
	DS 16 mm 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
	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



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

CHARACTERISTICS

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

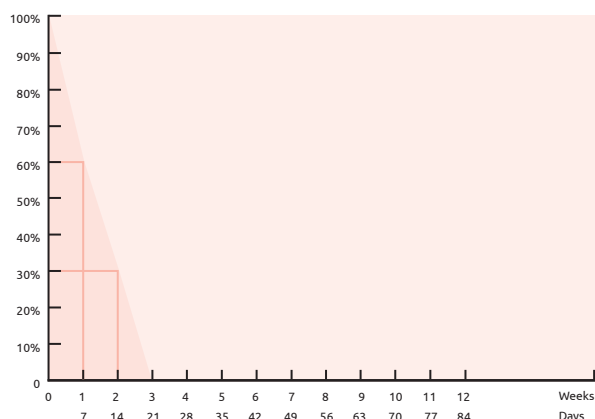
BENEFITS

- Excellent tissue support
- Minimal tissue reaction
- Predictable absorption rate
- Soft passage through the tissues with minimal sawing, tissue drag and trauma
- Absence of capillarity (no support of bacterial growth)
- Excellent knot tie down
- Good handling properties
- Easy and secure knotting
- Guaranteed seal and product sterility

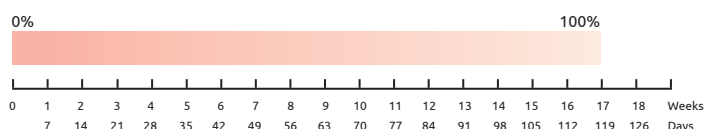
CONTRAINDICATIONS

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





Round bodied taper point

1/2 circle



		Metric	USP	Length		Order number
1/2 circle	HR 13 mm	0.7	6/0	45 cm	<i>violet</i>	16070113
		1	5/0	45 cm	<i>violet</i>	16100113
		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

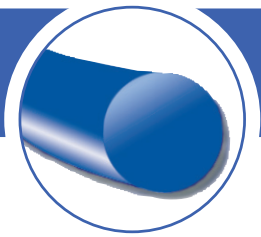


Reverse cutting

3/8 circle



		Metric	USP	Length		Order number
3/8 circle	DS 12 mm	0.7	6/0	45 cm	<i>undyed</i>	16071512
		0.7	6/0	75 cm	<i>undyed</i>	16071512-75
		0.7	6/0	75 cm	<i>violet</i>	16071512V
		1	5/0	45 cm	<i>undyed</i>	16101512
		1	5/0	45 cm	<i>violet</i>	16101512V
	DS 12 mm Easy Pass	0.7	6/0	50 cm	<i>undyed</i>	16071512P
		1	5/0	50 cm	<i>undyed</i>	16101512P
		1.5	4/0	50 cm	<i>undyed</i>	16151512P
	DS 16 mm	1	5/0	75 cm	<i>undyed</i>	16101516
		1	5/0	75 cm	<i>violet</i>	16101516V
		1.5	4/0	75 cm	<i>undyed</i>	16151516
		1.5	4/0	75 cm	<i>violet</i>	16151516V
		2	3/0	75 cm	<i>undyed</i>	16201516
	DS 16 mm Easy Pass	1	5/0	50 cm	<i>undyed</i>	16101516P
		1.5	4/0	50 cm	<i>undyed</i>	16151516P
	DS 16 mm black	1	5/0	75 cm	<i>violet</i>	16101516VB
	DS 19 mm	1	5/0	45 cm	<i>undyed</i>	16101519
		1	5/0	75 cm	<i>violet</i>	16101519V
		1.5	4/0	75 cm	<i>undyed</i>	16151519
		1.5	4/0	75 cm	<i>violet</i>	16151519V
		2	3/0	75 cm	<i>undyed</i>	16201519
		2	3/0	75 cm	<i>violet</i>	16201519V
		3	2/0	75 cm	<i>undyed</i>	16301519
	DS 19 mm Easy Pass	1.5	4/0	50 cm	<i>undyed</i>	16151519P
		2	3/0	50 cm	<i>undyed</i>	16201519P
	DS 19 mm black	1	5/0	45 cm	<i>violet</i>	16101519VB
		1.5	4/0	75 cm	<i>violet</i>	16151519VB
	DS 24 mm	2	3/0	75 cm	<i>undyed</i>	16201524
		3	2/0	75 cm	<i>undyed</i>	16301524



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

CHARACTERISTICS

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

BENEFITS

- Excellent and permanent tissue support
- Use in cardiovascular surgery (heart prosthesis or vascular anastomosis)
- Minimal tissue reaction
- Soft passage through the tissues with minimal 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

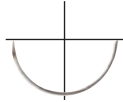
 Round bodied taper point			Metric	USP	Length		Order number
1/2 circle 	HR 10 mm		0.5	7/0	45 cm	blue	5050110
			0.7	6/0	75 cm	blue	5070110
	HR 15 mm		0.7	6/0	75 cm	blue	5070115
			1	5/0	75 cm	blue	5100115
			1.5	4/0	75 cm	blue	5150115
	HR 17 mm		1	5/0	75 cm	blue	5100117
			2	3/0	75 cm	blue	5200117
	HR 20 mm		1	5/0	75 cm	blue	5100120
			1.5	4/0	75 cm	blue	5150120
			2	3/0	75 cm	blue	5200120

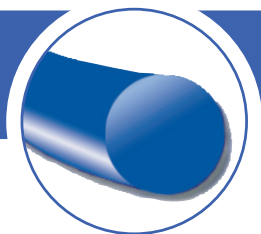
 Round bodied taper point			Metric	USP	Length		Order number
3/8 circle 	DR 16 mm		1.5	4/0	75 cm	blue	5150216

 Reverse cutting			Metric	USP	Length		Order number
3/8 circle 	DS 10 mm		0.7	6/0	45 cm	blue	5071510
			0.5	7/0	45 cm	blue	5051512
	DS 12 mm		0.7	6/0	45 cm	blue	5071512
			1	5/0	45 cm	blue	5101512
			1.5	4/0	75 cm	blue	5151512
			0.7	6/0	50 cm	blue	5071512P
	DS 12 mm Easy Pass		1	5/0	50 cm	blue	5101512P
			0.7	6/0	45 cm	blue	5071516
			1	5/0	45 cm	blue	5101516
			1.5	4/0	75 cm	blue	5151516
			2	3/0	75 cm	blue	5201516
			0.7	6/0	50 cm	blue	5071516P
	DS 16 mm		1	5/0	50 cm	blue	5101516P
			1.5	4/0	50 cm	blue	5151516P
			0.7	6/0	50 cm	blue	5101516P
	DS 16 mm Easy Pass		1	5/0	50 cm	blue	5101516P
			1.5	4/0	50 cm	blue	5151516P
			0.7	6/0	50 cm	blue	5101516P
	DS 16 mm black		1	5/0	45 cm	blue	5101516VB

Reverse cutting			Metric	USP	Length		Order number
 3/8 circle	DS 19 mm		0.7	6/0	75 cm	blue	5071519
			1	5/0	75 cm	blue	5101519
			1.5	4/0	45 cm	blue	5151519-45
			1.5	4/0	75 cm	blue	5151519
			2	3/0	45 cm	blue	5201519-45
			2	3/0	75 cm	blue	5201519
			3	2/0	75 cm	blue	5301519
	DS 19 mm Easy Pass		1	5/0	50 cm	blue	5101519P
			1.5	4/0	50 cm	blue	5151519P
			2	3/0	50 cm	blue	5201519P
	DS 19 mm black		1	5/0	75 cm	blue	5101519VB
			1.5	4/0	75 cm	blue	5151519VB
	DS 24 mm		1.5	4/0	75 cm	blue	5151524
			2	3/0	45 cm	blue	5201524-45
			2	3/0	75 cm	blue	5201524
			3	2/0	45 cm	blue	5301524-45
			3	2/0	75 cm	blue	5301524
	DS 24 mm Easy Pass		2	3/0	50 cm	blue	5201524P
			3	2/0	50 cm	blue	5301524P

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

Round bodied taper cutting point			Metric	USP	Length		Order number
 1/2 circle	HRT 10 mm		0.7	6/0	75 cm	blue	5070510



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

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 with minimal 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

1/2 circle



			Metric	USP	Length		Order number
1/2 circle	HR 16 mm		1	5/0	75 cm	black	9100116
			1.5	4/0	75 cm	blue	9150116
	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



Reverse cutting

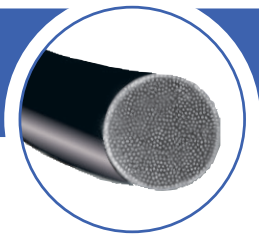
3/8 circle



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

 Reverse cutting			Metric	USP	Length		Order number
3/8 circle 	DS 19 mm Easy Pass		1.5	4/0	50 cm	blue	9151519P
			2	3/0	50 cm	blue	9201519P
			3	2/0	50 cm	blue	9301519P
	DS 19 mm black		1	5/0	75 cm	black	9101519VB
			1.5	4/0	75 cm	blue	9151519VB
	DS 24 mm		1	5/0	75 cm	black	9101524
			1.5	4/0	45 cm	blue	9151524-45
			1.5	4/0	75 cm	blue	9151524
			2	3/0	45 cm	blue	9201524-45
			2	3/0	75 cm	blue	9201524
			3	2/0	45 cm	blue	9301524-45
			3	2/0	75 cm	blue	9301524
	DS 24 mm Easy Pass		3	2/0	50 cm	blue	9301524P

 Reverse cutting			Metric	USP	Length		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
	HS 26 mm		2	3/0	75 cm	blue	9201426
			3	2/0	75 cm	blue	9301426



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

CHARACTERISTICS

✓ High tensile strength, non absorbable

✓ Synthetic

✓ Twisted structure

✓ Multifilament in a sheath

✓ Pliability and softness

✓ Hermetically sealed packing

BENEFITS

Excellent and permanent tissue support

Minimal tissue reaction

Excellent handling properties
High flexibility
High tensile strength
Excellent knot security

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

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 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

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

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

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



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	75 cm	<i>black</i>	4101512
			1.5	4/0	45 cm	<i>black</i>	4151512
	DS 16 mm		0.7	6/0	75 cm	<i>black</i>	4071516
			1	5/0	75 cm	<i>black</i>	4101516
			1.5	4/0	45 cm	<i>black</i>	4151516
			1.5	4/0	75 cm	<i>black</i>	4151516-75
			2	3/0	45 cm	<i>black</i>	4201516
			2	3/0	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



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



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

CHARACTERISTICS

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

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

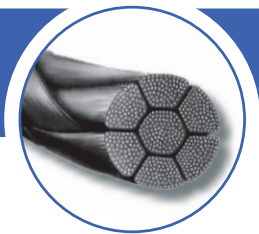
 Round bodied taper point		Metric	USP	Length		Order number
1/2 circle 	HR 16 mm		1	5/0	75 cm	green 7100116
			1.5	4/0	75 cm	green 7150116
			2	3/0	75 cm	green 7200116
	HR 20 mm		1.5	4/0	75 cm	green 7150120
			2	3/0	75 cm	green 7200120

 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		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

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

 Reverse cutting		Metric	USP	Length		Order number
1/2 circle 	HS 17 mm		1.5	4/0	75 cm	green 7151417
			2	3/0	75 cm	green 7201417
	HS 20 mm		3	2/0	75 cm	green 7301420
	HS 22 mm		2	3/0	75 cm	green 7201422
	HS 26 mm		2	3/0	75 cm	green 7201426
			3	2/0	75 cm	green 7301426



SILK BRAIDED BLACK

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

CHARACTERISTICS

☒ High tensile strength, non absorbable

☒ Braided structure

☒ Coated multifilament

☒ Hermetically sealed packing

BENEFITS

Excellent and permanent 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

CONTRAINDICATIONS

Known allergies or sensitivities to silk

Round bodied taper point		Metric	USP	Length	Order number	
 1/2 circle	HR 12 mm	0.7	6/0	45 cm	black	8070112
		1	5/0	45 cm	black	8100112
		1.5	4/0	75 cm	black	8150112
	HR 16 mm	0.7	6/0	45 cm	black	8070116
		1	5/0	75 cm	black	8100116
		1.5	4/0	75 cm	black	8150116
		2	3/0	75 cm	black	8200116
	HR 20 mm	1	5/0	75 cm	black	8100120
		1.5	4/0	75 cm	black	8150120
		2	3/0	75 cm	black	8200120
		3	2/0	75 cm	black	8300120



Round bodied taper point

Metric

USP

Length

Order number

3/8 circle



DR 16 mm



1.5

4/0

75 cm

black

8150216

2

3/0

75 cm

black

8200216



Reverse cutting

Metric

USP

Length

Order number

3/8 circle



DS 12 mm



0.5

7/0

45 cm

black

8051512

0.7

6/0

45 cm

black

8071512

1

5/0

45 cm

black

8101512

1.5

4/0

75 cm

black

8151512

2

3/0

75 cm

black

8201512

DS 12 mm
Easy Pass



0.7

6/0

50 cm

black

8071512P

DS 14 mm



0.7

6/0

45 cm

black

8071514

DS 16 mm



0.7

6/0

75 cm

black

8071516

1

5/0

75 cm

black

8101516

1.5

4/0

75 cm

black

8151516

2

3/0

75 cm

black

8201516

3

2/0

75 cm

black

8301516

DS 16 mm
Easy Pass



1

5/0

50 cm

black

8101516P

1.5

4/0

50 cm

black

8151516P

DS 16 mm black



1

5/0

75 cm

black

8101516VB

1.5

4/0

75 cm

black

8151516VB

DS 19 mm



0.7

6/0

75 cm

black

8071519

1

5/0

75 cm

black

8101519

1.5

4/0

75 cm

black

8151519

2

3/0

45 cm

black

8201519-45

2

3/0

75 cm

black

8201519

3

2/0

75 cm

black

8301519

DS 19 mm
Easy Pass



1.5

4/0

50 cm

black

8151519P

2

3/0

50 cm

black

8201519P

DS 19 mm black



1

5/0

75 cm

black

8101519VB

1.5

4/0

75 cm

black

8151519VB

2

3/0

75 cm

black

8201519VB

DS 24 mm



1

5/0

75 cm

black

8101524

1.5

4/0

75 cm

black

8151524

2

3/0

75 cm

black

8201524

3

2/0

75 cm

black

8301524

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

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

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



SPECIALITY PRODUCTS

*For quality
&
safety*



www.sutures.be

SPECIALITY PRODUCTS

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

Scalpel handles

COMPOSITION: Stainless Steel

PRESENTATION: 10/ box



N° 3 ZBH3



N° 4 ZBH4

Stitch Cutter



ZBS

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:

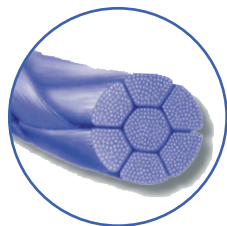
For use in various surgical procedures. Intended for haemostatic use by applying to a bleeding surface. Non pyrogenic and biocompatible.

- | | | |
|-----------------------|-----------------|------------------|
| 1. STANDARD | 80 x 50 x 10 mm | ZHG805010 |
| 2. DENTAL CUBE | 10 x 10 x 10 mm | ZHG101010 |

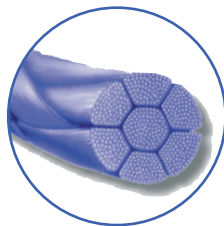


SUTURE MATERIALS

ABSORBABLE SUTURES



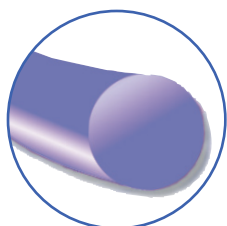
SURGICRYL®
910
POLYGLACTINE



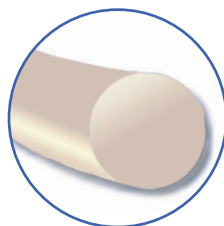
SURGICRYL®
PGA
POLYGLYCOLIC ACID



SURGICRYL®
RAPID
POLYGLYCOLIC ACID

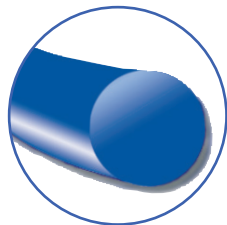


SURGICRYL®
MONOFILAMENT
POLYDIOXANONE



SURGICRYL®
MONOFAST
POLYGLACTONE 25

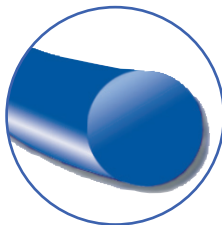
NON-ABSORBABLE SUTURES



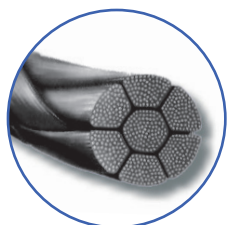
POLYPROPYLENE
BLUE



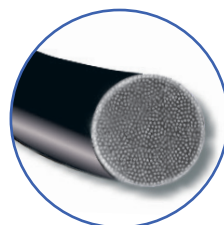
POLYESTER



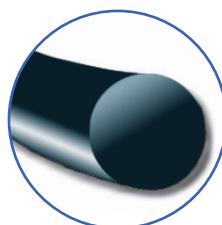
DACLON
NYLON
BLUE



SILK
BRAIDED
BLACK



SUPRAMID
BLACK



DACLON
NYLON
BLACK

smi

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