



SURGICAL SUTURES



LUXSUTURES is specialized in the manufacturing of surgical sutures. The company is located in Luxemburg, in the heart of Europe, between Belgium, France and Germany.

LUXSUTURES products are recognized by surgeons around the world, enjoying market and surgeon acceptance based on our high quality standards, growing range of products, as well as fair and competitive prices.

LUXSUTURES maintains quality standards based on the most demanding international regulations, such as EN ISO 9001 and EN ISO 13485 as well as Good Manufacturing Practices (GMP).

All raw materials and finished products are submitted to stringent quality control by a highly qualified team. Excellence in quality and service are our key to customer satisfaction.

This catalogue contains information about the full range of LUXSUTURES 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 increasing our product range based on market developments and customer needs.

LUXSUTURES offers a large range of products which enables surgeons to operate in many different surgical specializations.

CERTIFICATES



Suture materials

ABSORBABLE SUTURES

Loss of tensile strength over time:



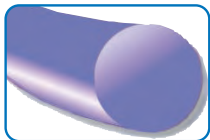
SYNTHETIC ABSORBABLE SURGICAL SUTURE
LUXCRYL 910
POLYGLACTINE 910 BRAIDED



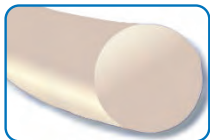
SYNTHETIC ABSORBABLE SURGICAL SUTURE
LUXCRYL PGA
POLYGLYCOLIC ACID BRAIDED



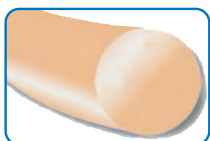
SYNTHETIC ABSORBABLE SURGICAL SUTURE
LUXCRYL PGA RAPID
POLYGLYCOLIC ACID BRAIDED



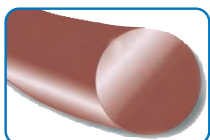
SYNTHETIC ABSORBABLE SURGICAL SUTURE
LUXCRYL PDO
POLYDIOXANONE MONOFILAMENT



SYNTHETIC ABSORBABLE SURGICAL SUTURE
LUXCRYL MONOFAST
POLYGLCAPRONE 25



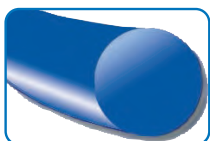
ABSORBABLE SURGICAL SUTURE
CATGUT PLAIN



ABSORBABLE SURGICAL SUTURE
CATGUT CHROM



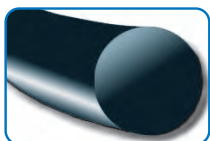
NON-ABSORBABLE SUTURES



NONABSORBABLE SURGICAL SUTURE
LUXYLENE
POLYPROPYLENE MONOFILAMENT



NONABSORBABLE SURGICAL SUTURE
LUXAMID
NYLON BLUE



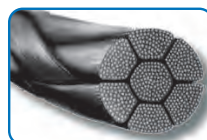
NONABSORBABLE SURGICAL SUTURE
LUXAMID
NYLON BLACK



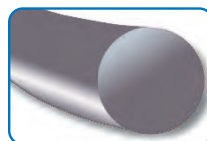
NONABSORBABLE SURGICAL SUTURE
SUPRAMID
POLYAMID BLACK



NONABSORBABLE SURGICAL SUTURE
LUXPET
POLYESTER BRAIDED



NONABSORBABLE SURGICAL SUTURE
SILK BRAIDED
BLACK



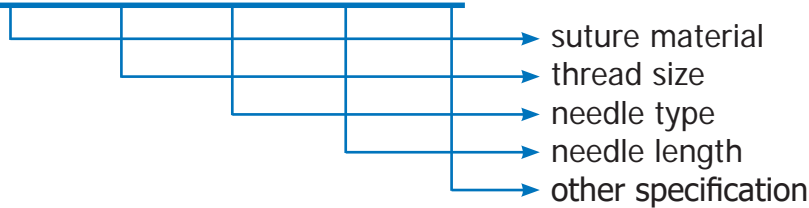
NONABSORBABLE SURGICAL SUTURE
STEEL
STAINLESS STEEL MONOFILAMENT

ORDER NUMBER SPECIFICATION –



FOIL PACKS

PL 30 HR 22 - X



SUTURE MATERIAL

PL	Luxcryl 910 polyglactine 910
PG	Luxcryl PGA polyglycolic acid
PGR	Luxcryl PGA Rapid polyglycolic acid
PD	Luxcryl PDO polydioxanone
CP	Catgut Plain
CC	Catgut Chrom
PP	Luxylene polypropylene
NY	Luxamid nylon
SB	Supramid polyamid
SI	Silk
PE	Luxpet polyester
ST	Steel

NEEDLE LENGTH

mm

THREAD SIZE

USP

OTHER SPECIFICATION

D	double needle
L	loop
P	premium needle
U	undyed suture
UP	undyed suture, premium needle

NEEDLE TYPE

●	HR	1/2 circle • round bodied • taper point
	DR	3/8 circle • round bodied • taper point
	VR	1/4 circle • round bodied • taper point
	FR	5/8 circle • round bodied • taper point
	GR	straight • round bodied • taper point
	JR	J-needle • round bodied • taper point
◐	HRT	1/2 circle • round bodied • tapercut point
	DRT	3/8 circle • round bodied • tapercut point
	JRT	J-needle • round bodied • tapercut point
▼	HS	1/2 circle • reverse cutting
	DS	3/8 circle • reverse cutting
▲	NH	1/2 circle • cutting
	NS	3/8 circle • cutting
	GS	straight • cutting
◑	HSP	1/2 circle • side cutting spatula
	DSP	3/8 circle • side cutting spatula
	VSP	1/4 circle • side cutting spatula
	GSP	straight • side cutting spatula
●	CC	3/8 circle • soft cutting point • coronary
●	DRB	3/8 circle • blunt needle
○	WN	without needle

NEEDLE TYPES



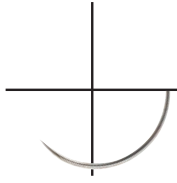
5/8 circle



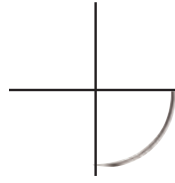
1/2 circle



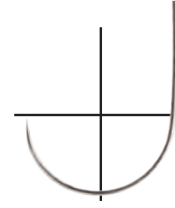
3/8 circle



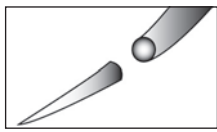
1/4 circle



J-needle

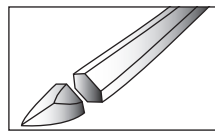


straight



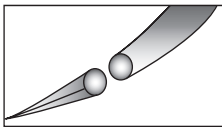
ROUND BODIED TAPER POINT

A gradual taper to a round bodied needle.



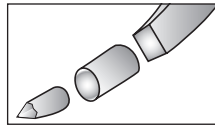
SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



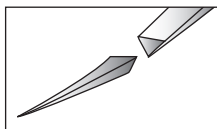
ROUND BODIED TAPERCUT POINT

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



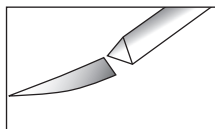
SOFT CUTTING POINT - CORONARY

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



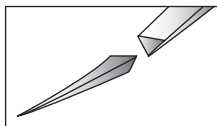
REVERSE CUTTING

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



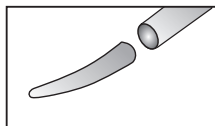
CONVENTIONAL CUTTING

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



PREMIUM 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.

SYNTHETIC ABSORBABLE SURGICAL SUTURE

LUXCRYL 910

POLYGLACTINE 910 BRAIDED

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%)	
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.	
TENSILE STRENGTH	Post implantation	Approximate % original strength remaining
	14 days	75 %
	21 days	50 %
	28 days	20 %
SUTURE COLOUR	Violet	
RANGE	USP 10/0 - 2	
INDICATIONS	Luxcryl 910 sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, skin closure, gastrointestinal surgery, plastic surgery, ophthalmic surgery, gynaecology, obstetrics, orthopaedics, urology	







Without needles

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	2	3/0	12 x 45 cm	violet		PL30WN45-12
	3	2/0	12 x 45 cm	violet		PL20WN45-12
	3.5	0	12 x 45 cm	violet		PL00WN45-12
	4	1	12 x 45 cm	violet		PL01WN45-12
	1.5	4/0	5 x 70 cm	violet		PL40WN70-5
	2	3/0	5 x 70 cm	violet		PL30WN70-5
	3	2/0	5 x 70 cm	violet		PL20WN70-5
	3.5	0	5 x 70 cm	violet		PL00WN70-5
	4	1	5 x 70 cm	violet		PL01WN70-5
	1.5	4/0	150 cm	violet		PL40WN150
	2	3/0	150 cm	violet		PL30WN150
	3	2/0	150 cm	violet		PL20WN150
	3.5	0	150 cm	violet		PL00WN150
	4	1	150 cm	violet		PL01WN150
	5	2	150 cm	violet		PL02WN150
	2	3/0	250 cm	violet		PL30WN250
	3	2/0	250 cm	violet		PL20WN250
	3.5	0	250 cm	violet		PL00WN250
	4	1	250 cm	violet		PL01WN250
	5	2	250 cm	violet		PL02WN250









Round bodied needle – taper point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR13 13 mm 	0.7	6/0	75 cm	violet		PL60HR13
	1	5/0	75 cm	violet		PL50HR13
	1.5	4/0	75 cm	violet		PL40HR13
HR17 17 mm 	1	5/0	75 cm	violet		PL50HR17
	1.5	4/0	75 cm	violet		PL40HR17
	2	3/0	75 cm	violet		PL30HR17
HR20 20 mm 	1.5	4/0	75 cm	violet		PL40HR20
HR22 22 mm 	1.5	4/0	75 cm	violet		PL40HR22
	2	3/0	75 cm	violet		PL30HR22
	3	2/0	75 cm	violet		PL20HR22












Round bodied needle – taper point – 1/2 circle


NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR26 26 mm 	1.5	4/0	75 cm	violet		PL40HR26
	2	3/0	75 cm	violet		PL30HR26
	2	3/0	90 cm	violet		PL30HR26-90
	3	2/0	75 cm	violet		PL20HR26
	3.5	0	75 cm	violet		PL00HR26
	4	1	75 cm	violet		PL01HR26
HR30 30 mm 	2	3/0	75 cm	violet		PL30HR30
	3	2/0	75 cm	violet		PL20HR30
	3	2/0	90 cm	violet		PL20HR30-90
	3.5	0	75 cm	violet		PL00HR30
	4	1	90 cm	violet		PL01HR30
HR36 36 mm 	2	3/0	75 cm	violet		PL30HR36
	3	2/0	75 cm	violet		PL20HR36
	3	2/0	90 cm	violet		PL20HR36-90
	3.5	0	90 cm	violet		PL00HR36
	4	1	90 cm	violet		PL01HR36
	5	2	90 cm	violet		PL02HR36
HR40 40 mm 	3	2/0	75 cm	violet		PL20HR40
	3.5	0	90 cm	violet		PL00HR40
	4	1	90 cm	violet		PL01HR40
	4	1	75 cm	violet		PL01HR40-75
	5	2	90 cm	violet		PL02HR40
HR45 45 mm 	4	1	90 cm	violet		PL01HR45
	5	2	90 cm	violet		PL02HR45
HR48 48 mm 	3.5	0	90 cm	violet		PL00HR48
	4	1	90 cm	violet		PL01HR48
	5	2	90 cm	violet		PL02HR48



Round bodied needle – blunt – 3/8 circle


NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DRB63 63 mm 	4	1	100 cm	violet		PL01DRB63

Reverse cutting needle – 3/8 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12	12 mm		0.7	6/0	45 cm	violet		PL60DS12
			1	5/0	45 cm	violet		PL50DS12
DS16	16 mm		0.7	6/0	45 cm	violet		PL60DS16
			0.7	6/0	45 cm	undyed		PL60DS16-U
			1	5/0	75 cm	violet		PL50DS16
			1.5	4/0	75 cm	violet		PL40DS16
			1.5	4/0	75 cm	undyed		PL40DS16-U
			2	3/0	75 cm	violet		PL30DS16
DS19	19 mm		1	5/0	75 cm	violet		PL50DS19
			1	5/0	75 cm	undyed		PL50DS19-U
			1.5	4/0	75 cm	violet		PL40DS19
			1.5	4/0	75 cm	undyed		PL40DS19-U
			2	3/0	75 cm	violet		PL30DS19
			2	3/0	75 cm	undyed		PL30DS19-U
DS24	24 mm		1.5	4/0	75 cm	violet		PL40DS24
			2	3/0	75 cm	violet		PL30DS24
			2	3/0	90 cm	violet		PL30DS24-90
			3	2/0	75 cm	violet		PL20DS24
DS26	26 mm		3	2/0	90 cm	violet		PL20DS26-90
DS30	30 mm		2	3/0	75 cm	violet		PL30DS30
			3	2/0	75 cm	violet		PL20DS30
			3	2/0	90 cm	violet		PL20DS30-90
			3.5	0	75 cm	violet		PL00DS30
			4	1	75 cm	violet		PL01DS30
DS36	36 mm		3	2/0	75 cm	violet		PL20DS36
			3	2/0	90 cm	violet		PL20DS36-90
			3.5	0	75 cm	violet		PL00DS36
			4	1	75 cm	violet		PL01DS36
DS40	40 mm		3.5	0	75 cm	violet		PL00DS40
			3.5	0	90 cm	violet		PL00DS40-90
			4	1	75 cm	violet		PL01DS40
			4	1	90 cm	violet		PL01DS40-90

Reverse cutting needle – straight								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
GS60	60 mm		3	2/0	75 cm	violet		PL20GS60




Round bodied needle – tapercut point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HRT18 18 mm 	1.5	4/0	75 cm	violet		PL40HRT18






Round bodied needle – tapercut point – J-needle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
JRT30 30 mm 	4	1	90 cm	violet		PL01JRT30






Reverse cutting needle – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HS26 26 mm 	2	3/0	75 cm	violet		PL30HS26
	3	2/0	75 cm	violet		PL20HS26
HS36 36 mm 	3	2/0	75 cm	violet		PL20HS36
	3.5	0	90 cm	violet		PL00HS36
	4	1	90 cm	violet		PL01HS36
HS40 40 mm 	3.5	0	90 cm	violet		PL00HS40
	4	1	90 cm	violet		PL01HS40
HS48 48 mm 	3.5	0	90 cm	violet		PL00HS48
	4	1	90 cm	violet		PL01HS48
	5	2	90 cm	violet		PL02HS48





Side cutting spatula – 1/2 circle – double needle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HSP060 6 mm 200 µm 	0.4	8/0	45 cm	violet		PL80HSP060-D
HSP080 8 mm 200 µm 	0.5	7/0	45 cm	violet		PL70HSP080-D
HSP080 8 mm 300 µm 	0.7	6/0	45 cm	violet		PL60HSP080-D






Side cutting spatula – 3/8 circle – double needle

NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP060	6 mm	200 µm		0.4	8/0	45 cm	violet		PL80DSP060-D
				0.5	7/0	45 cm	violet		PL70DSP060-D
DSP065	6.5 mm	200 µm		0.4	8/0	45 cm	violet		PL80DSP065-D
				0.5	7/0	45 cm	violet		PL70DSP065-D



Side cutting spatula – 1/4 circle – double needle

NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
VSP065	6.5 mm	250 µm		0.7	6/0	45 cm	violet		PL60VSP065-D
VSP080	8 mm	300 µm		0.7	6/0	45 cm	violet		PL60VSP080-D
				0.7	6/0	45 cm	undyed		PL60VSP080-DU
VSP080	8 mm	350 µm		1	5/0	45 cm	violet		PL50VSP080-D

SYNTHETIC ABSORBABLE SURGICAL SUTURE

LUXCRYL PGA

POLYGLYCOLIC ACID BRAIDED

TYPE	Braided and coated multifilament	
COMPOSITION	Polyglycolic acid	
COATING	Polycaprolactone and calcium stearate (1%)	
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.	
TENSILE STRENGTH	Post implantation	Approximate % original strength remaining
	14 days	70 %
	21 days	50 %
	28 days	20 %
SUTURE COLOUR	Violet, beige - undyed	
RANGE	USP 10/0 - 2	
INDICATIONS	Luxcryl PGA sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, skin closure, gastrointestinal surgery, gynaecology, obstetrics, plastic surgery, urology, ophthalmic surgery, orthopaedics	

















Without needles






NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	2	3/0	250 cm	violet		PG30WN250
	3	2/0	250 cm	violet		PG20WN250
	3.5	0	250 cm	violet		PG00WN250
	4	1	250 cm	violet		PG01WN250



Round bodied needle – taper point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR13 13 mm 	0.7	6/0	75 cm	violet		PG60HR13
HR17 17 mm 	1	5/0	75 cm	violet		PG50HR17
	1.5	4/0	75 cm	violet		PG40HR17
HR22 22 mm 	1.5	4/0	75 cm	violet		PG40HR22
	3	2/0	75 cm	violet		PG20HR22
	2	3/0	75 cm	violet		PG30HR22
HR26 26 mm 	1.5	4/0	75 cm	violet		PG40HR26
	2	3/0	75 cm	violet		PG30HR26
	3	2/0	75 cm	violet		PG20HR26
HR30 30 mm 	3	2/0	75 cm	violet		PG20HR30
	2	3/0	75 cm	violet		PG30HR30
	3.5	0	75 cm	violet		PG00HR30
HR36 36 mm 	2	3/0	75 cm	violet		PG30HR36
	3	2/0	75 cm	violet		PG20HR36
	3.5	0	90 cm	violet		PG00HR36
	4	1	90 cm	violet		PG01HR36
HR40 40 mm 	3.5	0	90 cm	violet		PG00HR40
	4	1	75 cm	violet		PG01HR40-75
	4	1	90 cm	violet		PG01HR40
	5	2	90 cm	violet		PG02HR40
HR48 48 mm 	3.5	0	90 cm	violet		PG00HR48
	4	1	90 cm	violet		PG01HR48
	5	2	90 cm	violet		PG02HR48

Reverse cutting needle – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS12 12 mm 	0.7	6/0	45 cm	violet		PG60DS12	
	1	5/0	45 cm	violet		PG50DS12	
DS16 16 mm 	0.7	6/0	75 cm	violet		PG60DS16	
	1	5/0	75 cm	violet		PG50DS16	
	1.5	4/0	75 cm	violet		PG40DS16	
	2	3/0	75 cm	violet		PG30DS16	
DS19 19 mm 	1	5/0	75 cm	violet		PG50DS19	
	1.5	4/0	75 cm	violet		PG40DS19	
	2	3/0	75 cm	violet		PG30DS19	
	3	2/0	75 cm	violet		PG20DS19	
DS24 24 mm 	2	3/0	75 cm	violet		PG30DS24	
	3	2/0	75 cm	violet		PG20DS24	
DS30 30 mm 	2	3/0	75 cm	violet		PG30DS30	
	3	2/0	75 cm	violet		PG20DS30	
	3.5	0	75 cm	violet		PG00DS30	
	4	1	75 cm	violet		PG01DS30	
DS40 40 mm 	4	1	75 cm	violet		PG01DS40	

Reverse cutting needle – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HS22 22 mm 	1.5	4/0	75 cm	violet		PG40HS22	
HS26 26 mm 	2	3/0	75 cm	violet		PG30HS26	
	3	2/0	75 cm	violet		PG20HS26	
HS36 36 mm 	3.5	0	90 cm	violet		PG00HS36	
HS40 40 mm 	3.5	0	90 cm	violet		PG00HS40	
	4	1	90 cm	violet		PG01HS40	
	5	2	90 cm	violet		PG02HS40	
HS48 48 mm 	5	2	90 cm	violet		PG02HS48	



Side cutting spatula – 3/8 circle – double needle

NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP060	6 mm	200 µm		0.4	8/0	45 cm	violet		PG80DSP060-D
				0.5	7/0	45 cm	violet		PG70DSP060-D
DSP062	6.2 mm	150 µm		0.2	10/0	30 cm	violet		PG10DSP062-D
DSP064	6.4 mm	200 µm		0.3	9/0	30 cm	violet		PG90DSP064-D



Side cutting spatula – 1/4 circle – double needle

NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
VSP080	8 mm	300 µm		0.7	6/0	45 cm	violet		PG60VSP080-D
VSP080	8 mm	350 µm		1	5/0	45 cm	violet		PG50VSP080-D









SYNTHETIC ABSORBABLE SURGICAL SUTURE







LUXCRYL PGA RAPID

POLYGLYCOLIC ACID BRAIDED

TYPE	Braided and coated multifilament	
COMPOSITION	Polyglycolic acid	
COATING	Polycaprolactone and calcium stearate (1%)	
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.	
TENSILE STRENGTH	Post implantation 7 days	Approximate % original strength remaining 50 %
SUTURE COLOUR	Beige - undyed, violet	
RANGE	USP 6/0 - 2	
INDICATIONS	Luxcryl PGA Rapid sutures are intended for use in superficial soft tissue closing of skin and mucosa only; especially in plastic surgery, obstetrics (episiotomy repair), gynaecology, urology (circumcision), ophthalmic surgery (conjunctiva), pediatric surgery	




 Round bodied needle – taper point – 1/2 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR17	17 mm		1.5	4/0	75 cm	undyed		PGR40HR17
HR22	22 mm		1.5	4/0	75 cm	undyed		PGR40HR22
			2	3/0	75 cm	undyed		PGR30HR22
HR26	26 mm		2	3/0	75 cm	undyed		PGR30HR26
			3	2/0	75 cm	undyed		PGR20HR26
HR30	30 mm		3	2/0	75 cm	undyed		PGR20HR30
			3.5	0	75 cm	undyed		PGR00HR30
HR36	36 mm		3.5	0	75 cm	undyed		PGR00HR36
			4	1	75 cm	undyed		PGR01HR36
HR40	40 mm		3.5	0	75 cm	undyed		PGR00HR40
			4	1	75 cm	undyed		PGR01HR40
			5	2	75 cm	undyed		PGR02HR40
HR48	48 mm		4	1	75 cm	undyed		PGR01HR48
			5	2	75 cm	undyed		PGR02HR48

 Reverse cutting needle – 3/8 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12	12 mm		0.7	6/0	75 cm	undyed		PGR60DS12
			1	5/0	75 cm	undyed		PGR50DS12
DS16	16 mm		1	5/0	75 cm	undyed		PGR50DS16
			1.5	4/0	75 cm	undyed		PGR40DS16
DS19	19 mm		1	5/0	75 cm	undyed		PGR50DS19
			1.5	4/0	75 cm	undyed		PGR40DS19
			2	3/0	75 cm	undyed		PGR30DS19
DS24	24 mm		2	3/0	75 cm	undyed		PGR30DS24
			3	2/0	75 cm	undyed		PGR20DS24
DS30	30 mm		3	2/0	90 cm	undyed		PGR20DS30-90



Reverse cutting needle – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HS40 40 mm 	4	1	75 cm	undyed		PGR01HS40




Reverse cutting needle – straight

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
GS60 60 mm 	2	3/0	75 cm	undyed		PGR30GS60



Round bodied needle – tapercut point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HRT36 36 mm 	3	2/0	90 cm	undyed		PGR20HRT36
	3.5	0	90 cm	undyed		PGR00HRT36
	4	1	90 cm	undyed		PGR01HRT36









SYNTHETIC ABSORBABLE SURGICAL SUTURE



LUXCRYL PDO








POLYDIOXANONE MONOFILAMENT


TYPE	Monofilament								
COMPOSITION	Polydioxanone, a polymer made from polyester poly (p-dioxanone)								
COATING	None								
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.								
TENSILE STRENGTH	<table><thead><tr><th>Post implantation</th><th>Approximate % original strength remaining</th></tr></thead><tbody><tr><td>28 days</td><td>70 %</td></tr><tr><td>42 days</td><td>50 %</td></tr><tr><td>56 days</td><td>20 %</td></tr></tbody></table>	Post implantation	Approximate % original strength remaining	28 days	70 %	42 days	50 %	56 days	20 %
Post implantation	Approximate % original strength remaining								
28 days	70 %								
42 days	50 %								
56 days	20 %								
SUTURE COLOUR	Violet								
RANGE	USP 6/0 - 3&4								
INDICATIONS	Luxcryl PDO sutures are intended for use in general soft tissue closing; especially in general surgery, gastrointestinal surgery, ophthalmic surgery, orthopaedics, abdominal wall closure, gynaecology, plastic surgery, urology								



 Round bodied needle – taper point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR13 13 mm 	0.7	6/0	75 cm	violet		PD60HR13	
HR17 17 mm 	1	5/0	75 cm	violet		PD50HR17	
	1.5	4/0	75 cm	violet		PD40HR17	
HR22 22 mm 	1.5	4/0	75 cm	violet		PD40HR22	
	2	3/0	75 cm	violet		PD30HR22	
HR26 26 mm 	1.5	4/0	75 cm	violet		PD40HR26	
	2	3/0	75 cm	violet		PD30HR26	
	3	2/0	75 cm	violet		PD20HR26	
HR30 30 mm 	3	2/0	75 cm	violet		PD20HR30	
	3.5	0	75 cm	violet		PD00HR30	
	4	1	90 cm	violet		PD01HR30	
HR36 36 mm 	3.5	0	75 cm	violet		PD00HR36	
	4	1	90 cm	violet		PD01HR36	
HR40 40 mm 	3.5	0	90 cm	violet		PD00HR40	
	4	1	90 cm	violet		PD01HR40	
	5	2	75 cm	violet		PD02HR40	

 Round bodied needle – taper point – 1/2 circle – loop							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR50 50 mm 	4	1	150 cm	violet		PD01HR50-L	

Reverse cutting needle – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS12 12 mm 	0.7	6/0	45 cm	violet		PD60DS12	
	1	5/0	45 cm	violet		PD50DS12	
DS16 16 mm 	1	5/0	45 cm	violet		PD50DS16	
	1.5	4/0	75 cm	violet		PD40DS16	
DS19 19 mm 	1	5/0	45 cm	violet		PD50DS19	
	1	5/0	75 cm	violet		PD50DS19-75	
	1.5	4/0	75 cm	violet		PD40DS19	
	2	3/0	75 cm	violet		PD30DS19	
DS24 24 mm 	2	3/0	75 cm	violet		PD30DS24	
	3	2/0	75 cm	violet		PD20DS24	
	3	2/0	90 cm	violet		PD20DS24-90	
	3.5	0	75 cm	violet		PD00DS24	
DS26 26 mm 	2	3/0	75 cm	violet		PD30DS26	
	2	3/0	90 cm	violet		PD30DS26-90	
DS30 30 mm 	3	2/0	75 cm	violet		PD20DS30	
	3.5	0	75 cm	violet		PD00DS30	
	3.5	0	90 cm	violet		PD00DS30-90	
DS40 40 mm 	4	1	90 cm	violet		PD01DS40	

Reverse cutting needle – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HS36 36 mm 	3.5	0	75 cm	violet		PD00HS36	





SYNTHETIC ABSORBABLE SURGICAL SUTURE







LUXCRYL MONOFAST



POLYGLECAPRONE 25

TYPE	Monofilament						
COMPOSITION	Polyglecaprone 25, a copolymer made of 75 % glycolide and 25 % ϵ -caprolactone						
COATING	None						
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.						
TENSILE STRENGTH	<table><thead><tr><th>Post implantation</th><th>Approximate % original strength remaining</th></tr></thead><tbody><tr><td>7 days</td><td>60 %</td></tr><tr><td>14 days</td><td>30 %</td></tr></tbody></table>	Post implantation	Approximate % original strength remaining	7 days	60 %	14 days	30 %
Post implantation	Approximate % original strength remaining						
7 days	60 %						
14 days	30 %						
SUTURE COLOUR	Violet, beige - undyed						
RANGE	USP 5/0 - 2/0						
INDICATIONS	Luxcryl Monofast sutures are intended for use in superficial soft tissue closing and/or ligation; especially in general surgery, skin closure, plastic surgery, gastrointestinal surgery, gynaecology, urology						



 Round bodied needle – taper point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR22 22 mm 	1.5	4/0	75 cm	violet		PC40HR22	
HR26 26 mm 	2	3/0	75 cm	violet		PC30HR26	
	3	2/0	75 cm	violet		PC20HR26	
HR30 30 mm 	3	2/0	75 cm	violet		PC20HR30	



 Reverse cutting needle – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS12 12 mm 	0.7	6/0	45 cm	undyed		PC60DS12	
	0.7	6/0	45 cm	violet		PC60DS12-V	
	0.7	6/0	75 cm	violet		PC60DS12-75V	
DS16 16 mm 	1	5/0	45 cm	undyed		PC50DS16	
	1	5/0	45 cm	violet		PC50DS16-V	
	1	5/0	75 cm	violet		PC50DS16-75V	
	1.5	4/0	75 cm	violet		PC40DS16-V	
DS19 19 mm 	1	5/0	45 cm	undyed		PC50DS19	
	1	5/0	45 cm	violet		PC50DS19-V	
	1	5/0	75 cm	violet		PC50DS19-75V	
	1.5	4/0	75 cm	undyed		PC40DS19	
	1.5	4/0	75 cm	violet		PC40DS19-V	
	2	3/0	75 cm	undyed		PC30DS19	
	2	3/0	75 cm	violet		PC30DS19-V	
DS19 19 mm black 	1	5/0	75 cm	violet		PC50DS19-75VB	
DS24 24 mm 	2	3/0	75 cm	undyed		PC30DS24	
	2	3/0	75 cm	violet		PC30DS24-V	
	3	2/0	75 cm	undyed		PC20DS24	
	3	2/0	75 cm	violet		PC20DS24-V	





 Reverse cutting needle – straight							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
GS60 60 mm 	2	3/0	75 cm	undyed		PC30GS60	

ABSORBABLE SURGICAL SUTURE 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	
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.	
TENSILE STRENGTH	Post implantation 7 days 14 days	Approximate % original strength remaining 50 % 20 %
SUTURE COLOUR	Ivory	
RANGE	USP 6/0 - 2	
INDICATIONS	Catgut plain sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, gastrointestinal surgery, gynaecology, obstetrics, urology, ophthalmic surgery	



 Round bodied needle – taper point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR37 37 mm 	3.5	2/0	75 cm	ivory		CP20HR37	

 Reverse cutting needle – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS16 16 mm 	1.5	5/0	75 cm	ivory		CP50DS16	
	2	4/0	75 cm	ivory		CP40DS16	
DS19 19 mm 	3	3/0	75 cm	ivory		CP30DS19	
DS24 24 mm 	3.5	2/0	75 cm	ivory		CP20DS24	

ABSORBABLE SURGICAL SUTURE

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	
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.	
TENSILE STRENGTH	Post implantation	Approximate % original strength remaining
	14 days	50 %
	28 days	20 %
SUTURE COLOUR	Dark brown	
RANGE	USP 6/0 - 4	
INDICATIONS	Catgut chrom sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, gastrointestinal surgery, gynaecology, obstetrics, urology, ophthalmic surgery	








Without needles

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	7	3	150 cm	brown		CC03WN150
	8	4	150 cm	brown		CC04WN150





Round bodied needle – taper point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR20 20 mm 	1.5	5/0	75 cm	brown		CC50HR20
	2	4/0	75 cm	brown		CC40HR20
	3	3/0	75 cm	brown		CC30HR20
HR26 26 mm 	2	4/0	75 cm	brown		CC40HR26
	3	3/0	75 cm	brown		CC30HR26
	3.5	2/0	75 cm	brown		CC20HR26
HR30 30 mm 	3.5	2/0	75 cm	brown		CC20HR30
HR40 40 mm 	3.5	2/0	75 cm	brown		CC20HR40
	4	0	75 cm	brown		CC00HR40
	5	1	75 cm	brown		CC01HR40
	5	1	90 cm	brown		CC01HR40-90
	6	2	75 cm	brown		CC02HR40
HR48 48 mm 	6	2	75 cm	brown		CC02HR48








Round bodied needle – taper point – 3/8 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DR30 30 mm 	4	0	75 cm	brown		CC00DR30-75
DR45 45 mm 	5	1	75 cm	brown		CC01DR45-75



Reverse cutting needle – 3/8 circle

NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12	12 mm		1	6/0	75 cm	brown		CC60DS12-75
			1.5	5/0	75 cm	brown		CC50DS12-75
DS19	19 mm		1.5	5/0	75 cm	brown		CC50DS19
			2	4/0	75 cm	brown		CC40DS19
			3	3/0	75 cm	brown		CC30DS19
DS26	26 mm		3	3/0	75 cm	brown		CC30DS26
			3.5	2/0	75 cm	brown		CC20DS26
DS30	30 mm		3.5	2/0	75 cm	brown		CC20DS30
DS37	37 mm		4	0	75 cm	brown		CC00DS37














NONABSORBABLE SURGICAL SUTURE



LUXYLENE





POLYPROPYLENE MONOFILAMENT









TYPE	Monofilament
COMPOSITION	Polypropylene, a polymer of propylene
COATING	None
TISSUE REACTION	Minimal
ABSORPTION	Non absorbable
SUTURE COLOUR	Blue
RANGE	USP 10/0 - 2
INDICATIONS	Luxylene sutures are intended for use in general soft tissue closing and/or ligation; especially in ophthalmic surgery, plastic surgery, skin closure, orthopaedics, hernias (also as a mesh), gastrointestinal surgery, general surgery, gynaecology, obstetrics






 Round bodied needle – taper point – 1/2 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR08	8 mm		0.4	8/0	60 cm	blue	double armed needle	PP80HR08-D
			0.5	7/0	60 cm	blue	double armed needle	PP70HR08-D
HR10	10 mm		0.5	7/0	45 cm	blue		PP70HR10
			0.5	7/0	60 cm	blue	double armed needle	PP70HR10-D
			0.7	6/0	60 cm	blue	double armed needle	PP60HR10-D
HR13	13 mm		0.7	6/0	45 cm	blue		PP60HR13
			0.7	6/0	60 cm	blue	double armed needle	PP60HR13-D
			1	5/0	60 cm	blue	double armed needle	PP50HR13-D
HR15	15 mm		1	5/0	75 cm	blue		PP50HR15
HR16	16 mm		1	5/0	90 cm	blue	double armed needle	PP50HR16-D
			1.5	4/0	75 cm	blue		PP40HR16
			1.5	4/0	90 cm	blue	double armed needle	PP40HR16-D
HR20	20 mm		1.5	4/0	75 cm	blue		PP40HR20
			1.5	4/0	90 cm	blue	double armed needle	PP40HR20-D
			2	3/0	75 cm	blue		PP30HR20
HR25	25 mm		1.5	4/0	75 cm	blue		PP40HR25
			1.5	4/0	90 cm	blue	double armed needle	PP40HR25-D
			2	3/0	75 cm	blue		PP30HR25
			2	3/0	90 cm	blue	double armed needle	PP30HR25-D
			3	2/0	75 cm	blue		PP20HR25
			3	2/0	90 cm	blue	double armed needle	PP20HR25-D
			3.5	0	75 cm	blue		PP00HR25
HR30	30 mm		2	3/0	75 cm	blue		PP30HR30
			3	2/0	75 cm	blue		PP20HR30
			3.5	0	75 cm	blue		PP00HR30
HR35	35 mm		3	2/0	75 cm	blue		PP20HR35
			3.5	0	75 cm	blue		PP00HR35
			4	1	75 cm	blue		PP01HR35
HR40	40 mm		3.5	0	75 cm	blue		PP00HR40
			4	1	90 cm	blue		PP01HR40
			5	2	75 cm	blue		PP02HR40


 Round bodied needle – taper point – 3/8 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DR13	13 mm		0.7	6/0	75 cm	blue		PP60DR13


 Round bodied needle – taper point – 3/8 circle – double armed needle						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DR08 8 mm 	0.4	8/0	45 cm	blue		PP80DR08-D
	0.5	7/0	60 cm	blue		PP70DR08-D
DR10 10 mm 	0.5	7/0	60 cm	blue		PP70DR10-D
	0.7	6/0	60 cm	blue		PP60DR10-D
DR13 13 mm 	0.5	7/0	60 cm	blue		PP70DR13-D
	0.7	6/0	60 cm	blue		PP60DR13-D
	1	5/0	75 cm	blue		PP50DR13-D

 Reverse cutting needle – 3/8 circle						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12 12 mm 	0.7	6/0	45 cm	blue		PP60DS12
	0.7	6/0	75 cm	blue		PP60DS12-75
	1	5/0	45 cm	blue		PP50DS12
DS16 16 mm 	0.7	6/0	45 cm	blue		PP60DS16
	1	5/0	45 cm	blue		PP50DS16
	1	5/0	75 cm	blue		PP50DS16-75
	1.5	4/0	45 cm	blue		PP40DS16-45
	1.5	4/0	75 cm	blue		PP40DS16
	2	3/0	75 cm	blue		PP30DS16
DS19 19 mm 	1	5/0	45 cm	blue		PP50DS19-45
	1	5/0	75 cm	blue		PP50DS19
	1.5	4/0	45 cm	blue		PP40DS19-45
	1.5	4/0	75 cm	blue		PP40DS19
	2	3/0	75 cm	blue		PP30DS19
DS24 24 mm 	1.5	4/0	75 cm	blue		PP40DS24
	2	3/0	75 cm	blue		PP30DS24
	3	2/0	75 cm	blue		PP20DS24
DS30 30 mm 	2	3/0	75 cm	blue		PP30DS30
	3	2/0	75 cm	blue		PP20DS30
	3.5	0	75 cm	blue		PP00DS30
DS36 36 mm 	3.5	2	75 cm	blue		PP00DS36
	4	1	75 cm	blue		PP01DS36
DS40 40 mm 	3	2/0	75 cm	blue		PP20DS40
	3.5	0	75 cm	blue		PP00DS40
	4	1	90 cm	blue		PP01DS40

Reverse cutting needle – straight						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
GS60 60 mm 	2	3/0	75 cm	blue		PP30GS60
	3	2/0	75 cm	blue		PP20GS60

Round bodied needle – tapercut point – 1/2 circle						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HRT25 25 mm 	3	2/0	90 cm	blue	double armed needle	PP20HRT25-D
HRT30 30 mm 	2	3/0	90 cm	blue	double armed needle	PP30HRT30-D

Side cutting spatula – 3/8 circle – double needle						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP064 6.4 mm 200 µm 	0.2	10/0	30 cm	blue		PP10DSP064-D







Side cutting spatula – straight						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
GSP16 16.15 mm 150 µm 	0.2	10/0	20 cm	blue		PP10GSP16-D




LUXAMID




NONABSORBABLE SURGICAL SUTURE
NYLON BLUE

TYPE	Monofilament
COMPOSITION	Extrusion of polyamide 6.0 or 6.6
COATING	None
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).
SUTURE COLOUR	Blue, black
RANGE	USP 12/0 - 2
INDICATIONS	Luxamid sutures are intended for use in general soft tissue closing and/or ligation; especially in Luxamid blue: skin closure, general surgery, plastic surgery, gastrointestinal surgery, gynaecology, obstetrics, orthopaedics Luxamid black: plastic surgery, ophthalmic surgery



 Round bodied needle – taper point – 1/2 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR16	16 mm		1.5	4/0	75 cm	blue		NY40HR16
HR20	20 mm		2	3/0	75 cm	blue		NY30HR20
HR26	26 mm		3	2/0	75 cm	blue		NY20HR26
HR30	30 mm		2	3/0	75 cm	blue		NY30HR30
			3	2/0	75 cm	blue		NY20HR30
HR40	40 mm		3	2/0	75 cm	blue		NY20HR40
			3.5	0	75 cm	blue		NY00HR40
			4	1	75 cm	blue		NY01HR40
			5	2	75 cm	blue		NY02HR40

 Round bodied needle – taper point – 1/2 circle – loop								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR40	40 mm		3.5	0	150 cm	blue	loop	NY00HR40-L
HR50	50 mm		4	1	150 cm	blue	loop	NY01HR50-L

 Reverse cutting needle – 3/8 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12	12 mm		0.5	7/0	75 cm	black		NY70DS12
			0.7	6/0	75 cm	black		NY60DS12
			1	5/0	75 cm	black		NY50DS12
			1.5	4/0	75 cm	blue		NY40DS12
DS16	16 mm		0.7	6/0	75 cm	black		NY60DS16
			1	5/0	45 cm	black		NY50DS16-45
			1	5/0	75 cm	black		NY50DS16
			1.5	4/0	45 cm	blue		NY40DS16-45
			1.5	4/0	75 cm	blue		NY40DS16
			2	3/0	75 cm	blue		NY30DS16




Reverse cutting needle – 3/8 circle


NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS19	19 mm		1	5/0	75 cm	black		NY50DS19
			1.5	4/0	45 cm	blue		NY40DS19-45
			1.5	4/0	75 cm	blue		NY40DS19
			2	3/0	75 cm	blue		NY30DS19
			3	2/0	75 cm	blue		NY20DS19
DS24	24 mm		1.5	4/0	75 cm	blue		NY40DS24
			1.5	4/0	45 cm	blue		NY40DS24-45
			2	3/0	75 cm	blue		NY30DS24
			3	2/0	75 cm	blue		NY20DS24
			3.5	0	75 cm	blue		NY00DS24
DS26	26 mm		2	3/0	75 cm	blue		NY30DS26
			3	2/0	75 cm	blue		NY20DS26
DS30	30 mm		2	3/0	75 cm	blue		NY30DS30
			3	2/0	75 cm	blue		NY20DS30
			3.5	0	75 cm	blue		NY00DS30
			4	1	75 cm	blue		NY01DS30
DS36	36 mm		3	2/0	75 cm	blue		NY20DS36
			3.5	0	75 cm	blue		NY00DS36
			4	1	75 cm	blue		NY01DS36
DS40	40 mm		3	2/0	75 cm	blue		NY20DS40
			3.5	0	75 cm	blue		NY00DS40
			4	1	75 cm	blue		NY01DS40
			5	2	90 cm	blue		NY02DS40
DS90	90 mm		3	2/0	100 cm	blue		NY20DS90
			4	1	90 cm	blue		NY01DS90









Reverse cutting needle – 1/2 circle


NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HS16	16 mm		1	5/0	75 cm	black		NY50HS16
HS17	17 mm		1.5	4/0	75 cm	blue		NY40HS17
HS36	36 mm		4	1	75 cm	blue		NY01HS36
HS40	40 mm		4	1	75 cm	blue		NY01HS40

Reverse cutting needle – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HS50 50 mm 	5	2	75 cm	blue		NY02HS50	

Side cutting spatula – 1/2 circle – double needle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HSP062 6.2 mm 150 µm 	0.2	10/0	30 cm	black		NY10HSP062-D	

Side cutting spatula – 3/8 circle – double needle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DSP060 6 mm 200 µm 	0.2	10/0	30 cm	black		NY10DSP060-D	
DSP062 6.2 mm 150 µm 	0.2	10/0	30 cm	black		NY10DSP062-D	
	0.3	9/0	30 cm	black		NY90DSP062-D	
	0.4	8/0	30 cm	black		NY80DSP062-D	
DSP062 6.2 mm 200 µm 	0.5	7/0	30 cm	black		NY70DSP062-D	
DSP064 6.4 mm 200 µm 	0.2	10/0	30 cm	black		NY10DSP064-D	
DSP080 8 mm 300 µm 	0.7	6/0	45 cm	black		NY60DSP080-D	

Side cutting spatula – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DSP062 6.2 mm 150 µm 	0.2	10/0	15 cm	black		NY10DSP062	

Round bodied micro needle – taper point – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DSP064 6.4 mm 150 µm 	0.4	8/0	15 cm	black		NY80M-DR064-150	




NONABSORBABLE SURGICAL SUTURE



SUPRAMID



POLYAMID BLACK




TYPE	Twisted and coated multifilament, sizes 5/0 and 6/0 monofilament
COMPOSITION	Polyamide 6.6 strands enclosed in a polyamide 6 sheet
COATING	None
TISSUE REACTION	Minimal
ABSORPTION	Non absorbable, gradually encapsulated by connective tissue
SUTURE COLOUR	Black
RANGE	USP 4/0 - 1
INDICATIONS	Supramid sutures are intended for use in general soft tissue closing and/or ligation; especially in skin closure













 Round bodied needle – taper point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR16 16 mm 	1	5/0	75 cm	black		SB50HR16	
	1.5	4/0	75 cm	black		SB40HR16	
HR20 20 mm 	1.5	4/0	75 cm	black		SB40HR20	

 Round bodied needle – taper point – straight							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
GR22 22 mm 	1.5	4/0	50 cm	black		SB40GR22	

 Round bodied needle – tapercut point – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DRT18 18 mm 	1.5	4/0	75 cm	black		SB40DRT18	
	2	3/0	75 cm	black		SB30DRT18	

 Round bodied needle – tapercut point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HRT16 16 mm 	1	5/0	75 cm	black		SB50HRT16	
HRT18 18 mm 	1.5	4/0	75 cm	black		SB40HRT18	
	2	3/0	75 cm	black		SB30HRT18	

 Reverse cutting needle – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS12 12 mm 	0.7	6/0	75 cm	black		SB60DS12	
DS16 16 mm 	0.7	6/0	75 cm	black		SB60DS16	
	1	5/0	45 cm	black		SB50DS16-45	
	1	5/0	75 cm	black		SB50DS16	
	1.5	4/0	75 cm	black		SB40DS16-75	
DS16 16 mm PREMIUM NEEDLE 	1	5/0	45 cm	black		SB50DS16-P	
DS19 19 mm 	1	5/0	75 cm	black		SB50DS19	
	1.5	4/0	75 cm	black		SB40DS19	
	2	3/0	75 cm	black		SB30DS19	
DS24 24 mm 	3	2/0	75 cm	black		SB20DS24	

Reverse cutting needle – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HS16 16 mm 	1	5/0	75 cm	black		SB50HS16	
HS17 17 mm 	1.5	4/0	75 cm	black		SB40HS17	
HS20 20 mm 	1	5/0	75 cm	black		SB50HS20	
	1.5	4/0	75 cm	black		SB40HS20	
	2	3/0	75 cm	black		SB30HS20	
HS22 22 mm 	1.5	4/0	75 cm	black		SB40HS22	

LUXPET

NONABSORBABLE SURGICAL SUTURE
POLYESTER BRAIDED

TYPE	Braided multifilament
COMPOSITION	Polyester - a polymer of polyethylene terephthalate
COATING	Silicone
TISSUE REACTION	Minimal
ABSORPTION	Non absorbable, gradually encapsulated by connective tissue
SUTURE COLOUR	Green White
RANGE	USP 4/0 - 2
INDICATIONS	Luxpet sutures are intended for use in general soft tissue closing and/ or ligation; especially in ophthalmic surgery, general surgery, skin closure, orthopaedics, gastrointestinal surgery, obstetrics










Without needles

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	3.5	0	150 cm	green		PE00WN150
	4	1	150 cm	green		PE01WN150
	5	2	150 cm	green		PE02WN150
	2	3/0	250 cm	green		PE30WN250
	3	2/0	250 cm	green		PE20WN250




Round bodied needle – taper point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR16 16 mm 	1.5	4/0	75 cm	green		PE40HR16
HR20 20 mm 	2	3/0	75 cm	green		PE30HR20
HR25 25 mm 	3	2/0	75 cm	green	double armed needle	PE20HR25-D
HR26 26 mm 	2	3/0	75 cm	green		PE30HR26
	3	2/0	75 cm	green		PE20HR26
HR30 30 mm 	3	2/0	75 cm	green		PE20HR30
HR36 36 mm 	3.5	0	75 cm	green		PE00HR36
	4	1	75 cm	green		PE01HR36
HR40 40 mm 	4	1	75 cm	green		PE01HR40
	5	2	75 cm	green		PE02HR40



Round bodied needle – tapercut point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HRT18 18 mm 	1.5	4/0	75 cm	green		PE40HRT18
	2	3/0	75 cm	green		PE30HRT18



Reverse cutting needle – 3/8 circle

NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS16	16 mm		1	5/0	75 cm	green		PE50DS16
			1.5	4/0	75 cm	green		PE40DS16
DS19	19 mm		1.5	4/0	75 cm	green		PE40DS19
			2	3/0	75 cm	green		PE30DS19
DS24	24 mm		2	3/0	75 cm	green		PE30DS24
			3	2/0	75 cm	green		PE20DS24
DS30	30 mm		3.5	0	75 cm	green		PE00DS30



Side cutting spatula – 1/4 circle – double needle

NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
VSP080	8 mm	350 µm		1	5/0	45 cm	white		PE50VSP080-D
VSP080	8 mm	430 µm		1.5	4/0	45 cm	white		PE40VSP080-D

NONABSORBABLE SURGICAL SUTURE

SILK BRAIDED

BLACK

NONABSORBABLE SURGICAL SUTURE

SILK VIRGIN

BLUE

TYPE	Braided multifilament (Silk braided) Twisted multifilament (Silk virgin)
COMPOSITION	Braided / twisted fibres from the cocoon of the silkworm
COATING	Waxes, Silicone (Silk braided) None (Silk virgin)
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
SUTURE COLOUR	Black (Silk braided) Blue (Silk virgin)
RANGE	USP 7/0 - 3&4
INDICATIONS	Silk sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, skin closure, ophthalmic surgery, oral surgery, gastrointestinal surgery, gynaecology, obstetrics











Without needles



NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	2	3/0	13 x 60 cm	black		SI30WN60-13
	3	2/0	13 x 60 cm	black		SI20WN60-13
	3.5	0	13 x 60 cm	black		SI00WN60-13
	4	1	13 x 60 cm	black		SI01WN60-13
	6	3&4	13 x 60 cm	black		SI03WN60-13
	2	3/0	12 x 75 cm	black		SI30WN75-12
	3	2/0	12 x 75 cm	black		SI20WN75-12
	3.5	0	12 x 75 cm	black		SI00WN75-12
	4	1	12 x 75 cm	black		SI01WN75-12
	5	2	12 x 75 cm	black		SI02WN75-12
	2	3/0	150 cm	black		SI30WN150
	3	2/0	150 cm	black		SI20WN150
	3.5	0	150 cm	black		SI00WN150
	4	1	150 cm	black		SI01WN150







Round bodied needle – taper point – 1/2 circle








NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR13 13 mm 	1	5/0	75 cm	black		SI50HR13
HR16 16 mm 	1	5/0	75 cm	black		SI50HR16
	1.5	4/0	75 cm	black		SI40HR16
HR20 20 mm 	1	5/0	75 cm	black		SI50HR20
	1.5	4/0	75 cm	black		SI40HR20
	2	3/0	75 cm	black		SI30HR20
	3	2/0	75 cm	black		SI20HR20
HR26 26 mm 	1.5	4/0	75 cm	black		SI40HR26
	2	3/0	75 cm	black		SI30HR26
	3	2/0	75 cm	black		SI20HR26
	3.5	0	75 cm	black		SI00HR26
	4	1	75 cm	black		SI01HR26
HR30 30 mm 	2	3/0	75 cm	black		SI30HR30
	3	2/0	75 cm	black		SI20HR30
	3.5	0	75 cm	black		SI00HR30
	4	1	75 cm	black		SI01HR30






 Round bodied needle – taper point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR37 37 mm 	3.5	0	75 cm	black		SI00HR37	
	4	1	75 cm	black		SI01HR37	
HR40 40 mm 	3.5	0	75 cm	black		SI00HR40	
	4	1	75 cm	black		SI01HR40	
	5	2	75 cm	black		SI02HR40	





 Round bodied needle – taper point – straight							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
GR22 22 mm 	1.5	4/0	50 cm	black		SI40GR22	



 Round bodied needle – tapercut point – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DRT18 18 mm 	1.5	4/0	75 cm	black		SI40DRT18	
	2	3/0	75 cm	black		SI30DRT18	



 Round bodied needle – tapercut point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HRT18 18 mm 	1.5	4/0	75 cm	black		SI40HRT18	
	2	3/0	75 cm	black		SI30HRT18	

Reverse cutting needle – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS12 12 mm 	0.7	6/0	45 cm	black		SI60DS12	
	1	5/0	45 cm	black		SI50DS12	
DS16 16 mm 	0.7	6/0	75 cm	black		SI60DS16	
	1	5/0	75 cm	black		SI50DS16	
	1.5	4/0	75 cm	black		SI40DS16	
	2	3/0	75 cm	black		SI30DS16	
	3	2/0	75 cm	black		SI20DS16	
DS19 19 mm 	1	5/0	75 cm	black		SI50DS19	
	1.5	4/0	75 cm	black		SI40DS19	
	2	3/0	75 cm	black		SI30DS19	
	3	2/0	75 cm	black		SI20DS19	
DS24 24 mm 	2	3/0	75 cm	black		SI30DS24	
	3	2/0	75 cm	black		SI20DS24	
	3.5	0	75 cm	black		SI00DS24	
DS30 30 mm 	1.5	4/0	75 cm	black		SI40DS30	
	2	3/0	75 cm	black		SI30DS30	
	3	2/0	75 cm	black		SI20DS30	
	3.5	0	75 cm	black		SI00DS30	
	4	1	75 cm	black		SI01DS30	
DS37 37 mm 	2	3/0	75 cm	black		SI30DS37	
	3	2/0	75 cm	black		SI20DS37	
	3.5	0	75 cm	black		SI00DS37	
	4	1	75 cm	black		SI01DS37	
	5	2	75 cm	black		SI02DS37	
DS45 45 mm 	3.5	0	75 cm	black		SI00DS45	
	4	1	75 cm	black		SI01DS45	
	5	2	75 cm	black		SI02DS45	

 Reverse cutting needle – 1/2 circle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HS17	17 mm		1.5	4/0	75 cm	black		SI40HS17	
			2	3/0	75 cm	black		SI30HS17	
HS20	20 mm		1.5	4/0	75 cm	black		SI40HS20	
			2	3/0	75 cm	black		SI30HS20	
HS22	22 mm		1.5	4/0	75 cm	black		SI40HS22	
			2	3/0	75 cm	black		SI30HS22	
			3	2/0	75 cm	black		SI20HS22	
HS26	26 mm		2	3/0	75 cm	black		SI30HS26	
			3	2/0	75 cm	black		SI20HS26	
			3.5	0	75 cm	black		SI00HS26	
			4	1	75 cm	black		SI01HS26	

 Side cutting spatula – 3/8 circle – double needle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP065	6.5 mm	200 µm		0.4	8/0	45 cm	black		SI80DSP065-D
DSP065	6.5 mm	250 µm		0.5	7/0	45 cm	black		SI70DSP065-D
				0.7	6/0	45 cm	black		SI60DSP065-D
DSP080	8 mm	350 µm		1	5/0	30 cm	black		SI50DSP080-D

 Side cutting spatula – 1/4 circle – double needle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
VSP080	8 mm	250 µm		0.7	6/0	45 cm	black		SI60VSP080-D

 Side cutting spatula – 3/8 circle – double needle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP065	6.5 mm	200 µm		0.4	8/0	45 cm	blue		SV80DSP065-D




NONABSORBABLE SURGICAL SUTURE






STEEL



STAINLESS STEEL MONOFILAMENT

TYPE	Monofilament
COMPOSITION	Iron, nickel and chromium alloy
COATING	None
TISSUE REACTION	Minimal
ABSORPTION	Non absorbable
SUTURE COLOUR	Metal
RANGE	USP 0 - 7
INDICATIONS	Steel sutures are intended for use in closure of sternum, orthopaedics, abdominal wall closure and hernia repair



 Round bodied needle – tapercut point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HRT40 40 mm 	6	3 & 4	4 x 45 cm	metal		ST03HRT40	
HRT48 48 mm 	7	5	4 x 45 cm	metal		ST05HRT48	

 Reverse cutting needle – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HS40 40 mm 	4	1	4 x 45 cm	metal		ST01HS40	
	5	2	4 x 45 cm	metal		ST02HS40	
HS48 48 mm 	6	3 & 4	4 x 45 cm	metal		ST03HS48	
HS50 50 mm 	7	5	4 x 45 cm	metal		ST05HS50	
	8	6	4 x 45 cm	metal		ST06HS50	
HS58 58 mm 	7	5	4 x 45 cm	metal		ST05HS58	
	8	6	4 x 45 cm	metal		ST06HS58	

 Reverse cutting needle – 1/2 circle – PATELLA SET							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
NH120 120 mm 	9	7	60 cm	metal	PATELLA SET	ST07HS120	

OTHER PRODUCTS



SURGICAL BLADES



N° 10 N° 11 N° 12 N° 12D N° 15 N° 15C N° 20 N° 21 N° 22 N° 23 N° 24 N° 25
LUSB10 LUSB11 LUSB12 LUSB12D LUSB15 LUSB15C LUSB20 LUSB21 LUSB22 LUSB23 LUSB24 LUSB25

Surgical blades with plastic handle



N° 10 N° 11 N° 15 N° 15C N° 20 N° 22 N° 23
LUSD10 LUSD11 LUSD15 LUSD15C LUSD20 LUSD22 LUSD23

COMPOSITION:

Carbon steel

Individual sterile foil packs

without handle 100 / box

with plastic handle 10 / box

STITCH CUTTER



LUSC

COMPOSITION:

Carbon steel

Individual sterile foil packs 100 / box

BONEWAX 2.5 g

SURGICAL HAEMOSTATIC



12 x 2.5 g **LUBW**

COMPOSITION:

Refined white beeswax, paraffin and isopropyl palmitate

INDICATIONS:

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

SURGICAL MESHES

Polypropylene hernia mesh

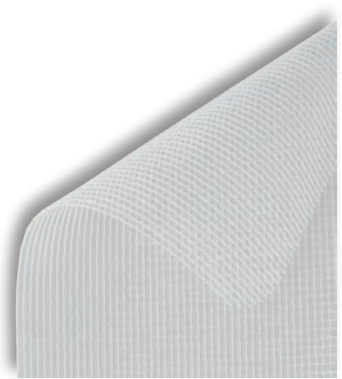
15 x 15 cm	LUMP1515
30 x 30 cm	LUMP3030
6 x 11 cm	LUMP0611
10 x 15 cm	LUMP1015
7,5 x 15 cm	LUMP7515

COMPOSITION:

Monofilament polypropylene knitted into an elastic, durable mesh

INDICATIONS:

Reinforcement of the abdominal wall
 - hernia
 - eventration
 via celioscopy or laparotomy



PILOMAT

Tablet crusher **Z045**



Tablet Splitter **Z044**



SKIN STAPLER

Skin stapler 35 W **LUSS** 10 pc.



SUTURE RACK



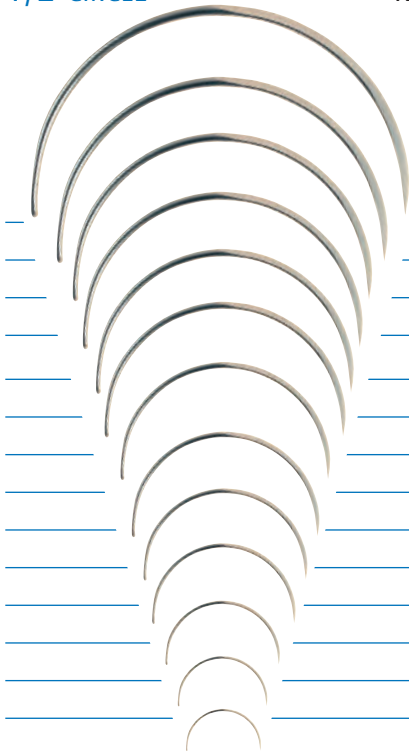
Rack to join 125 mm x 72 mm x 143 mm
Z070 1 pc.

Drawer for rack
Z071 1 pc.

SURGICAL NEEDLES




1/2 CIRCLE

12 in one box



Reverse cutting needle

Round bodied needle

	 Ordinary Eye GN	 Spring Eye GF	 Ordinary Eye GRN	 Spring Eye GRF
90 mm N°00		1HS90-S		
80 mm N°1	1HS80-O	1HS80-S		1HR80-S
70 mm N°2	1SH70-O	1HS70-S		1HR70-S
65 mm N°3	1HS65-O			
60 mm N°4		1HS60-S		1HR60-S
55 mm N°6	1HS55-O	1HS55-S	1HR55-O	1HR55-S
50 mm N°7		1HS50-S	1HR50-O	1HR50-S
45 mm N°8		1HS45-S		1HR45-S
40 mm N°9	1HS40-O	1HS40-S	1HR40-O	1HR40-S
35 mm N°10		1HS35-S		1HR35-S
30 mm N°12		1HS30-S	1HR30-O	1HR30-S
25 mm N°13	1HS25-O	1HS25-S	1HR25-O	1HR25-S
20 mm N°15		1HS20-S		1HR20-S
16 mm N°16		1HS16-S		1HR16-S

SKI NEEDLES half curved



12 in one box



Reverse cutting needle

Ordinary Eye

Spring Eye

	 Ordinary Eye	 Spring Eye
80 mm N°1	1SKI80-O	
70 mm N°2	1SKI70-O	
65 mm N°3	1SKI65-O	
60 mm N°4	1SKI60-O	
57 mm N°5	1SKI57-O	
55 mm N°6	1SKI55-O	
50 mm N°7	1SKI50-O	
45 mm N°8	1SKI45-O	
40 mm N°9		1SKI40-S
35 mm N°10		1SKI35-S
30 mm N°12		1SKI30-S
25 mm N°13		1SKI25-S
20 mm N°15		1SKI20-S
16 mm N°16		1SKI16-S
12 mm N°20		1SKI12-S


SERPENTINE NEEDLES

12 in one box



Reverse cutting needle

Ordinary Eye

	 Ordinary Eye
135 mm	1SERP135-O
145 mm	1SERP145-O

3/8 CIRCLE

12 in one box



Reverse cutting needle

Round bodied taper point

needle tapercut point

Ordinary Eye

Spring Eye

Ordinary Eye

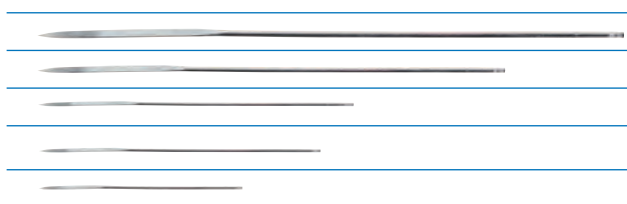
Spring Eye

Ordinary Eye

	Reverse cutting needle Ordinary Eye	Reverse cutting needle Spring Eye	Round bodied taper point Ordinary Eye	Round bodied taper point Spring Eye	needle tapercut point Ordinary Eye
130 mm N°6-0	1DS130-O		1DR130-O		
110 mm N°4-0			1DR110-O		
100 mm N°000	1DS100-O	1DS100-S		1DR100-S	
90 mm N°00	1DS90-O	1DS90-S	1DR90-O	1DR90-S	1DRT90-O
90 mm LIGHT N°00	1DS90-OL		1DR90-OL		
85 mm N°0			1DR85-O		
80 mm N°1	1DS80-O	1DS80-S	1DR80-O		1DRT80-O
70 mm N°2	1DS70-O	1DS70-S	1DR70-O	1DR70-S	
65 mm N°3			1DR65-O		
60 mm N°4	1DS60-O	1DS60-S		1DR60-S	
57 mm N°5	1DS57-O		1DR57-O		
55 mm N°6		1DS55-S			
50 mm N°7		1DS50-S	1DR50-O	1DR50-S	
45 mm N°8	1DS45-O	1DS45-S	1DR45-O	1DR45-S	
40 mm N°9	1DS40-O	1DS40-S	1DR40-O	1DR40-S	
35 mm N°10		1DS35-S		1DR35-S	
30 mm N°12	1DS30-O	1DS30-S	1DR30-O	1DR30-S	
25 mm N°13	1DS25-O	1DS25-S		1DR25-S	
20 mm N°15		1DS20-S		1DR20-S	
16 mm N°16	1DS16-O	1DS16-S		1DR16-S	
14 mm N°17		1DS14-S			
12 mm N°20		1DS12-S			

STRAIGHT NEEDLES

12 in one box



Reverse cutting needle

Ordinary Eye

Spring Eye

	Reverse cutting needle	Ordinary Eye	Spring Eye
75 mm N° 1			1GS75-S
60 mm N° 4		1GS60-O	1GS60-S
45 mm N° 8		1GS45-O	
40 mm N° 9			1GS40-S
35 mm N° 10			1GS36-S

POST MORTEM NEEDLE 3/8 circle

12 in one box



Reverse cutting needle

Ordinary Eye

	Reverse cutting needle	Ordinary Eye
150 mm N°6"		1DS150-O
130 mm N°5"		1DS130-O
100 mm N°4"		1DS100-O



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