

Surgical Sutures, Mechanical Staplers, Meshes,
Biosurgicals and Endoluminal Vacuum Therapy

GENERAL CATALOG

B. BRAUN "SHARING EXPERTISE"

B. Braun is a family-owned company with a sense of responsibility towards its employees and the regions in which it operates. With 182 years of history, B. Braun is still growing from its own resources and it reinvests continuously in the company to keep excellent products in the markets. "Sharing Expertise" is a basis for building up professional partnerships and promoting mutual transfer of knowledge and expertise between co-workers and customers as well as in all interactions in and with our company.



WHAT WE PROMISE

Our core values are the center of our brand positioning, they are the energy source of the B. Braun brand. This expresses our brand's central promise.

SHARING EXPERTISE

To B. Braun, Sharing Expertise means continuously developing effective solutions through constructive dialogs with customers and partners in order to protect health and sustainably improve people's lives.

INNOVATION, EFFICIENCY AND SUSTAINABILITY are the main pillars of our business philosophy which describe the key attributes upon which the brand core is based.



TRANSPARENCY, TRUST AND RECOGNITION closely interwoven form a solid foundation for the corporate values to create products and services of the highest quality for the healthcare market.



OPERATING ROOM SUPPLY

By 1906, more than a hundred methods for sterilizing catgut existed. The breakthrough came in 1908, when a pioneering company created a technique able to assure the supply of consistently sterile sutures to hospitals and other medical facilities. That company was B. Braun!

Since then, B. Braun is committed to innovation and excellence in product-driven research, development and production. Furthermore, in OR Supply we remain loyal to our roots by working closely together with healthcare professionals, making them part of our principal commitment.

COMPLETE PRODUCT RANGE

B. Braun offers a complete range of absorbable and non-absorbable sutures, as well as customized surgical sets. Additionally, we also offer surgical adhesives, vacuum therapy products, meshes and hemostats.

HIGH QUALITY

B. Braun has achieved its leading position in the field of surgery thanks to its high quality products. All B. Braun manufacturing plants have a certified quality management system for assuring the quality of raw materials, semi-finished and finished products, and guarantees the traceability of each product manufactured.

INNOVATION

It is our belief that only innovative products, which increase the customer benefit, can ensure a long term success on the market. Our innovative products, developed by our own R&D department, are also the result of the shared knowledge between competent employees as well as clinical experts and users, true to our motto: Sharing Expertise.

AESCULAP ACADEMY

The Aesculap Academy is the most important forum for continuous medical education worldwide. It helps to impart acquired knowledge to physicians, specialist clinical personnel and hospital management. In doing so it works closely medical associations, as well as with clinics and universities.



Endorsed by:



CONTENTS

GENERAL INFORMATION

- **USEFUL INFORMATION**
- **NEEDLE INFORMATION**

SUTURES

■ **ABSORBABLE SUTURES**

Novosyn[®] Quick
Novosyn[®]
Novosyn[®] CHD
Monosyn[®] Quick
Monosyn[®]
MonoPlus[®]
Monomax[®]

■ **NON-ABSORBABLE SUTURES**

Optilene[®]
PremiCron[®]
Dafilon[®]
Supramid
Dagrofil[®]
Silkam[®]
Steelex[®]

■ **SETS**

Surgical Loop
For retraction of organs
Steelex[®] Sternum-Set
For sternum closure
Steelex[®] Electrode-Set
For the control and treatment of arrhythmias
Pro-Set
Suture sets customized to your particular needs

MECHANICAL STAPLERS

■ **INTERNAL STAPLERS**

Linear Stapler
Linear Cutter
Circular Stapler
KOL Stapler
TST Stapler
Automatic Purse String
Endolinear Cutter Stapler

■ **SKIN STAPLERS**

Manipler AZ
Reliable consistent performance
B. Braun Skin Stapler 35W – Advan
Reliable consistent performance
Skin staple remover
Fast and easy

MESHES

■ **NON-ABSORBABLE MESHES**

Premilene[®] Mesh
Polypropylene mesh for hernia repair
Premilene[®] Mesh Plug
Polypropylene mesh for plug technique
Optilene[®] Mesh
Universal-light mesh for inguinal and incisional hernia repair
Optilene[®] Mesh LP
Super-light and thin-walled mesh with full transparency
Optilene[®] Mesh Elastic
Thin, elastic mesh implant for re-inforcement of connective tissue structures

■ **ABSORBABLE MESHES**

Safil[®] Mesh
Absorbable mesh for temporary wound support

■ **MESH FIXATION**

Histoacryl[®] LapFix
Atraumatic mesh fixation for laparoscopic hernia surgery

BIOSURGICALS

■ **TISSUE ADHESIVES**

Histoacryl[®]
Tissue adhesive
Histoacryl[®] Flexible
Improved closure of surgical incisions
Histoacryl[®] Octyl
High viscosity topical skin adhesive

CONTENTS

■ HEMOSTATS

Sangustop®

Local hemostatic agent for all types of bleeding

Lyostypt®

Local haemostatic agent

Cellistypt®

Oxidized resorbable cellulose hemostats

Bone Wax

Hemostat for bone bleeding

ENDOLUMINAL VACUUM THERAPY

Endo-SPONGE®

Minimally invasive method for the treatment of anastomotic leakage

Eso-SPONGE®

Minimally invasive method for the treatment and prevention of oesophageal leakage

GENERAL INFORMATION

Useful information

Needle information

USEFUL INFORMATION

Easy suture color coding

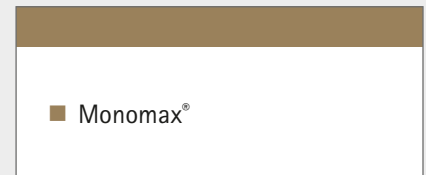
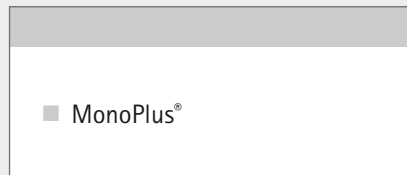
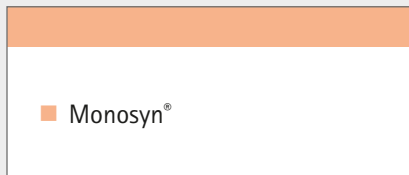
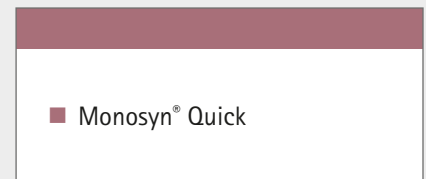
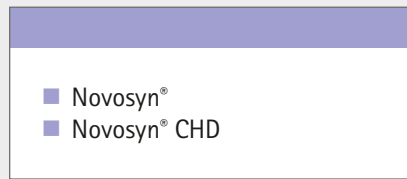
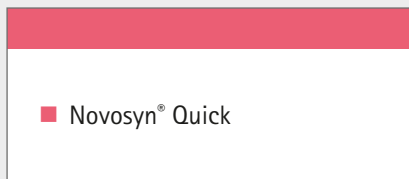
Easy mesh color coding

B. Braun barcode systems

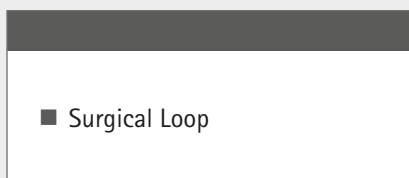
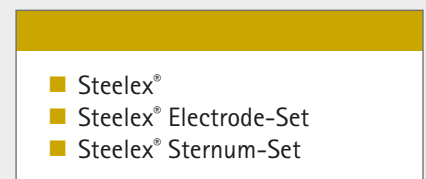
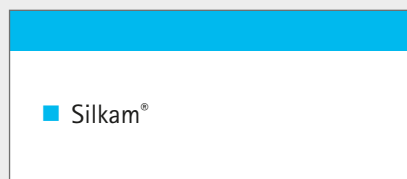
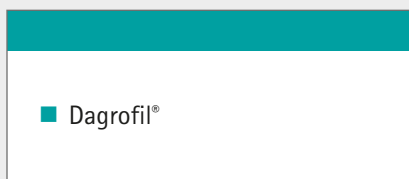
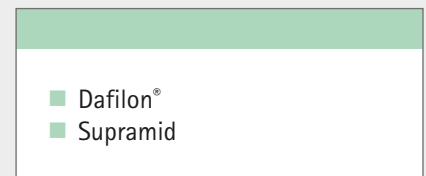
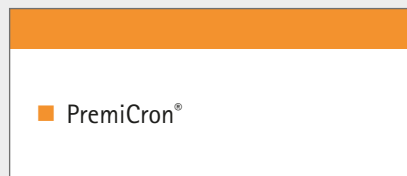
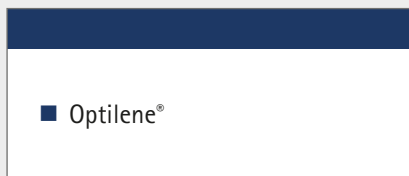
B. Braun useful accessories

EASY SUTURE COLOR CODING

ABSORBABLE SUTURES



NON-ABSORBABLE SUTURES



ARTICLE CODING FOR EASY BOX CONTENT IDENTIFICATION

The suture code number consists of 1 letter and 7 digits. The letter identifies the number of units in each box:

M	Box of 6 units
G	Box of 12 units
B	Box of 24 units
C	Box of 36 units

EASY MESH COLOR CODING

ABSORBABLE MESHES



A rectangular box with a purple header bar at the top. Below the bar, a small purple square is followed by the text "Safil® Mesh".

NON-ABSORBABLE MESHES



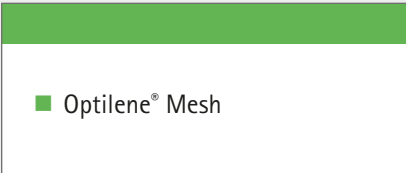
A rectangular box with a dark blue header bar at the top. Below the bar, a small dark blue square is followed by the text "Premilene® Mesh".



A rectangular box with a light blue header bar at the top. Below the bar, a small light blue square is followed by the text "Premilene® Mesh Plug".



A rectangular box with a teal header bar at the top. Below the bar, a small teal square is followed by the text "Optilene® Mesh LP".



A rectangular box with a green header bar at the top. Below the bar, a small green square is followed by the text "Optilene® Mesh".



A rectangular box with a maroon header bar at the top. Below the bar, a small maroon square is followed by the text "Optilene® Mesh Elastic".

B. BRAUN BARCODE SYSTEMS

DATA MATRIX

The data matrix (2D or two-dimensional) with the EAN-128 Information.



LINEAR BARCODE

In addition to the data matrix, B. Braun prints bar codes with the EAN-128 information on each box.

PRIMARY BARCODE

GTIN 13 [Global Trade Item Number].



SECONDARY BARCODE

Expiry date and batch number.



INFORMATION OF EAN-128

- GTIN 13 [Global Trade Item Number] application identifier 01
- Expiry date application identifier 17
- Batch number application identifier 10

B. BRAUN USEFUL ACCESSORIES

SHELF RACK

Each shelf rack can take up to 4 suture boxes.

Article	Code number
Shelf rack	1091255



SHELF BASE

The shelf base can carry up to 10 shelf racks. It can be fixed on the wall.

Article	Code number
Shelf base	1091247



OP-MAGNET

Simple management of needles and blades.

Article	Code number
OP-Magnet (12 pcs/box)	1091506



The OP-Magnet is a sterile packed device for the management of needles and small metal pieces such as scalpel blades.

OP-Magnet allows for a clear arrangement before the operation, safe keeping of small metal pieces during the operation and an easy disposal after the operation.

NEEDLE INFORMATION

B. Braun needle nomenclature

B. Braun needles

B. BRAUN NEEDLE NOMENCLATURE

TO IDENTIFY THE DIFFERENT TYPES OF NEEDLES, B. BRAUN USES THE FOLLOWING NOMENCLATURE:

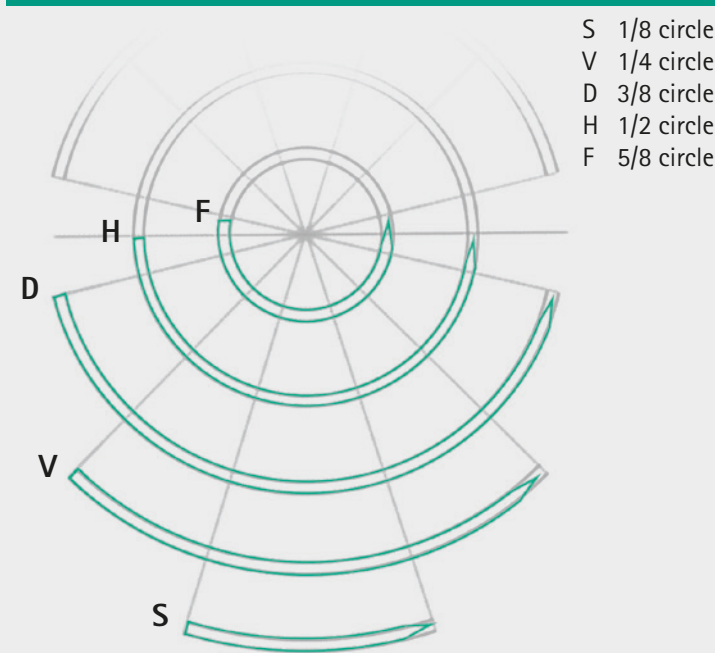
A	B	C	12	D
Needle curvature	Body type	Point type	Needle length	Remark
S 1/8 circle	R round body	T trocar point	This refers to the distance between the needle point and the needle end, measured along the length of the needle in mm.	ff extra thin bodied needle
V 1/4 circle	S cutting needle	N blunt point		f thin bodied needle
D 3/8 circle	G trapezoidal body	S sternum point		s heavy bodied needle
H 1/2 circle	L lancet needle	C short cutting point		ss extra heavy bodied needle
F 5/8 circle		M micro-point		v break-off needle
G straight		MP precision point		b black needle
P progressive curved		m micro needle		
J hook		mV micro vascular		
SK ski needle		B protection point		

Example:

H	R	C	26	
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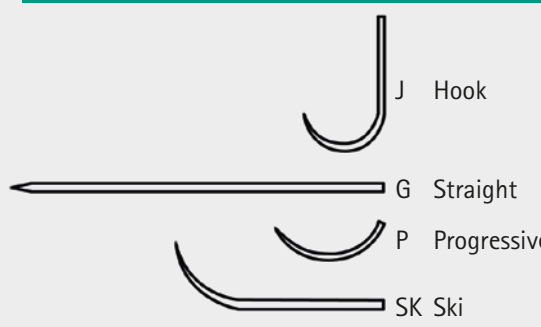
HRC 26→ 1/2 circle round bodied needle with short cutting point, 26 mm long.

Needle angle of curvature "Take off" removable needle



In order to remove the needle from the suture without the aid of scissors, one must pull the suture taut and secure and grasp the needle in the needleholder. A straight tug of the needleholder will then release the needle from the suture.

Others





B. BRAUN NEEDLES


Taper needle (micro vascular needle) ●

Micro vascular needle taper point

3/8 circle

	angle	length mm	diameter microns			angle	length mm	diameter microns	
DRmV 8b	135°	7,9	140µm		DRmV 10b	135°	9,3	200µm	




Progressive curved

	angle	length mm	diameter microns	
PRmV 10b	95° / 90°	9,3	200µm	



Taper needle (micro needle) ●

Micro-needle taper point




1/2 circle

	angle	length mm	diameter microns			angle	length mm	diameter microns	
HRm 4	180°	4,0	70µm		HRm 8	180°	7,8	140µm	
HRm 6	180°	6,5	200µm						

3/8 circle

	angle	length mm	diameter microns			angle	length mm	diameter microns	
DRm 3	135°	3,8	50µm		DRm 6	135°	6,4	140µm	
DRm 4	135°	4,0	70µm		DRm 8	135°	7,9	140µm	
DRm 4s	135°	4,0	140µm		DRm 10b	135°	9,3	200µm	
DRm 5	135°	5,0	100µm						

Progressive curved

	angle	length mm	diameter microns			angle	length mm	diameter microns	
PRm 4	95° / 110°	4,0	70µm		PRm 6	100° / 95°	6,4	140µm	
PRm 5	100° / 90°	5,0	100µm						

Taper needle ●
Round bodied needle

1/2 circle

HR 6



HR 8



HR 10f



HR 10



HR 10b



HR 13ff



HR 13f



HR 13



HR 13b



HR 13ss



HR 17f



HR 17



HR 17b



HR 17s



HR 20f



HR 20



HR 20b



HR 22f



HR 22



HR 22b



HR 22s



HR 22ss



HR 26ffb



HR 26f



HR 26fb



HR 26



HR 26b



HR 26s



HR 26ss



HR 30



HR 30s



B. BRAUN NEEDLES

Taper needle ●
Round bodied needle

1/2 circle

HR 30ss



HR 37



HR 37s



HR 37ss



HR 40



HR 40s



HR 40ss



HR 43



HR 43s



HR 48



HR 60



HR 65



HR 70



HR 76



Taper needle ●
Round bodied needle

3/8 circle

DR 6



DR 6b



DR 8f



DR 8fb



DR 8



DR 8b



DR 10f



DR 10fb



DR 10



DR 10b



DR 12



DR 13



DR 13b



DR 13s



DR 15



DR 18



DR 18b



DR 22



DR 22b



DR 26



DR 32



DR 48



5/8 circle

FR 13



FR 17



FR 22



FR 26



FR 26b



FR 26s



FR 36



FR 40



B. BRAUN NEEDLES

Taper needle ●
Round bodied needle

5/8 circle

FR 65



Hook

JR 30



JR 36ss



JR 30s



JR 40s



Ski

SKR 19



SKR 26b



SKR 22



SKR 48



SKR 26



Progressive curved

PR 16



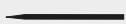
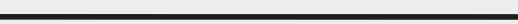



PR 24




Taper needle ●
Round bodied needle

Straight


GR 19		GR 65	
GR 19b		GR 75	
GR 51			

Taper needle with short cutting point (micro vascular) ☉
Round bodied micro vascular needle with short cutting point

3/8 circle






	angle	length mm	diameter microns	
DRCmV 10b	135°	9,3	200µm	

Progressive curved




	angle	length mm	diameter microns	
PRCmV 10b	95° / 90°	9,3	200µm	

Taper needle with short cutting point (micro) ☉
Round bodied micro needle with short cutting point


3/8 circle

	angle	length mm	diameter microns			angle	length mm	diameter microns	
DRCm 3	135°	3,5	100µm		DRCm 6	135°	6,4	140µm	
DRCm 4	135°	4,2	140µm		DRCm 8	135°	7,9	140µm	
DRCm 5	135°	5,0	100µm		DRCm 10b	135°	9,3	200µm	

Progressive curved

	angle	length mm	diameter microns			angle	length mm	diameter microns	
PRCm 5	100° / 90°	5,0	100µm		PRCm 10b	95° / 90°	9,3	200µm	
PRCm 6	100° / 95°	6,4	140µm						

B. BRAUN NEEDLES

Taper needle with short cutting point 
Round bodied needle with short cutting point

1/2 circle

HRC 10



HRC 13



HRC 13b



HRC 17f



HRC 17



HRC 17b



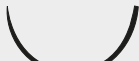
HRC 20



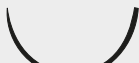
HRC 20s



HRC 22



HRC 22b



HRC 26



HRC 26b



HRC 26s



HRC 30



HRC 30s



HRC 30ss



HRC 37



HRC 37s



HRC 37ss



HRC 40



HRC 40s




HRC 40ss



HRC 43



Taper needle with short cutting point 
 Round bodied needle with short cutting point

1/2 circle

HRC 43s



HRC 55



HRC 43ss



HRC 80



HRC 48



3/8 circle

DRC 6



DRC 15



DRC 6b



DRC 18



DRC 8



DRC 18b



DRC 8b



DRC 10



DRC 22



DRC 10b



DRC 10s



DRC 26



DRC 12



DRC 13



DRC 32




DRC 13b



DRC 13s



B. BRAUN NEEDLES

Taper needle with short cutting point 
Round bodied needle with short cutting point

5/8 circle

FRC 10



FRC 22



FRC 17



Hook

JRC 30s



Progressive curved

PRC 10



PRC 13



PRC 24



PRC 13b



Straight

GRC 24



Trocar needle ⊕
Round bodied needle with trocar point

1/2 circle

HRT 13



HRT 17



HRT 22



HRT 26



HRT 30



HRT 30s



HRT 37



HRT 37s



HRT 40



HRT 40s



HRT 43



HRT 43s



HRT 48



HRT 55



HRT 80



B. BRAUN NEEDLES

Trocar needle ⊕
Round bodied needle with trocar point

3/8 circle

DRT 12



DRT 26



DRT 18



DRT 32



DRT 22

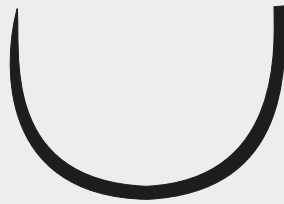


5/8 circle

FRT 17



FRT 65



Taper needle with sternum point ▲
Round bodied needle with sternum point

1/2 circle

HRS 40



HRS 55



HRS 48



HRS 60



B. BRAUN NEEDLES

Taper needle with blunt point ●
Round bodied needle with blunt point

1/2 circle

HRN 30



HRN 35



HRN 40



HRN 45



HRN 48



HRN 50



HRN 50s



HRN 60



HRN 65



HRN 75



3/8 circle

DRN 16



DRN 64



Taper needle with protection point ●
Round bodied needle with protection point

1/2 circle

HRB 26



HRB 48



HRB 37s



HRB 65



HRB 40s



B. BRAUN NEEDLES

Reverse cutting needle ▼

1/2 circle

HS 9



HS 15



HS 18



HS 21



HS 23



HS 23ss



HS 26



HS 26s



HS 26ss



HS 30



HS 37



HS 37s



HS 37ss



HS 40



HS 40s



HS 40ss



HS 48f



HS 48



HS 55


















HS 60




Reverse cutting needle ▼

3/8 circle

DS 9		DS 48	
DS 12			
DS 16		DS 60	
DS 19f			
DS 19		DS 76	
DS 24			
DS 30		DS 80	
DS 35			
DS 39		DS 90	
DS 45			

5/8 circle

FS 25	
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B. BRAUN NEEDLES

Reverse cutting needle ▼

Straight

GS 13



GS 65



GS 45



GS 65v



break-off

GS 51



GS 75



GS 51v



break-off

GS 81



GS 60f



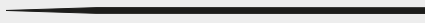
break-off

GS 90v



break-off

GS 60



Trapezoidal micro engraved needle with precision point ▾

3/8 circle

DGMP 11



DGMP 19























DGMP 16



DGMP 24



B. BRAUN NEEDLES

Reverse cutting needle with precision point ▾			
1/2 circle			
HSMP 7		HSMP 15	
HSMP 9			
HSMP 12		HSMP 18	
3/8 circle			
DSMP 6		DSMP 24	
DSMP 7			
DSMP 9		DSMP 24s	
DSMP 11		DSMP 30	
DSMP 13f			
DSMP 13		DSMP 35	
DSMP 16			
DSMP 16s		DSMP 39	
DSMP 19			
Progressive curved			
PSMP 16			

Lancet needle (micro) ▼
Micro-lancet needle

1/2 circle

	angle	length mm	diameter microns			angle	length mm	diameter microns	
HLm 6	160°	5,6	150µm	☺	HLm 8	175°	8,0	200µm	☺
HLm 6s	175°	6,0	200µm	☺					

3/8 circle

	angle	length mm	diameter microns			angle	length mm	diameter microns	
DLm 4	135°	4,0	125µm	☺	DLm 6	140°	6,1	150µm	☺
DLm 5	140°	4,9	150µm	☺	DLm 6s	137°	6,6	200µm	☺

1/4 circle

	angle	length mm	diameter microns	
VLm 6s	97°	6,6	200µm	☺

1/8 circle

	angle	length mm	diameter microns	
SLm 6	44°	6,2	150µm	☺

Progressive curved

	angle	length mm	diameter microns	
PLm 5	90° / 50°	4,8	150µm	☺

Straight

	angle	length mm	diameter microns	
GLm 16	-	16,0	150µm	—

B. BRAUN NEEDLES

Lancet needle with micro point ▾			
1/2 circle			
HLM 6	☺	HLM 8	☺
1/4 circle			
VLM 6	☺	VLM 10	☺
VLM 8	☺		

SUTURES

Absorbable sutures

Non-absorbable sutures

Sets

ABSORBABLE SUTURES

Novosyn® Quick

Novosyn®

Novosyn® CHD

Monosyn® Quick

Monosyn®

MonoPlus®

Monomax®

Novosyn® Quick

Absorbable Sutures

DESCRIPTION

Novosyn® Quick is a polyglactin 910 braided suture with fast degradation profile.

Novosyn® Quick is intended for use in soft tissue approximation when only short-term wound support is required and when the rapid absorption of the suture would be beneficial.



Novosyn® QUICK

























Product overview








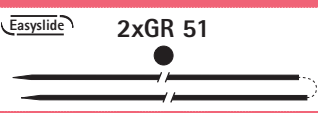

Polyglactin 910, braided, coated







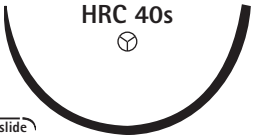

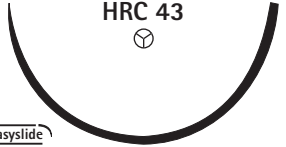



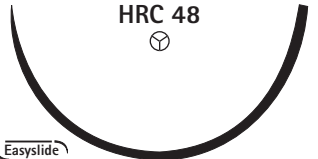





Colour	Undyed
Origin	Synthetic
Sizes	USP 6/0 (metric 0.7) - USP 2 (metric 5)
Type of absorption	By hydrolysis
Mass absorption	after 42 days
Sterilisation	Gamma-irradiation

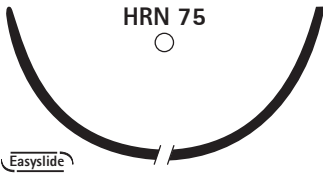










Novosyn® Quick

Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle										
 HR 13 	70 undyed	C3046001	C3046002							
 HR 13 + GS 51 	70 undyed			C3046755						
 HR 17 	70 undyed	C3046011	C3046012	C3046013	C3046014					
 HR 22 	45 70 undyed			C3046029	C3046024 C3046030	C3046031				
 HR 22s 	70 undyed					C3046131				
 HR 26 	45 70 undyed			C3046040	C3046051 C3046041	C3046042	C3046043			
 HR 26s 	70 undyed					C3046090	C3046091	C3046092		
 HR 30 	70 undyed				C3046046	C3046047	C3046048	C3046049		
 HR 30s 	70 undyed							C3046053		
 HR 37 	70 undyed					C3046005	C3046006			
 HR 37s 	45 90 140 undyed					C3046590 C3046595 C3046591	C3046596	C3046597		
 HR 40s 	70 90 undyed				C3046554	C3046467	C3046556	C3046557	C3046559 C3046558	












Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle									
 HR 43 Easyslide	90 undyed					C3046170			
 HR 43s Easyslide	90 undyed						C3046506	C3046507	
 HR 48 Easyslide	90 undyed					C3046180	C3046661	C3046663	C3046665
 HR 65 Easyslide	90 undyed						B3046095		
5/8 circle round bodied needle									
 FR 26 Easyslide	90 undyed						C3046083		
 FR 36 Easyslide	90 undyed						C3046078	C3046079	
 FR 40 Easyslide	90 undyed					C3046018	C3046019	C3046020	
Straight round bodied needle									
 2xGR 51 Easyslide	45 undyed				C3046810				
3/8 circle round bodied needle with short cutting point									
 DRC 12 Easyslide	70 undyed		C3046311						











Novosyn® Quick

Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
3/8 circle round bodied needle with short cutting point										
 DRC 18 	45			C3046325						
	70 undyed			C3046320	C3046321					
1/2 circle round bodied needle with short cutting point										
 HRC 37s 	90 undyed				C3046360	C3046651	C3046652	C3046653		
	 HRC 40s 	90 undyed						C3046003		
 HRC 43 		90 undyed					C3046664	C3046662	C3046365	
	 HRC 43ss 	90 undyed					C3046670			
 HRC 48 		90 undyed						C3046374	C3046375	
	3/8 circle round bodied needle with blunt point									
 DRN 64 	90 undyed								B3046668	
	1/2 circle round bodied needle with blunt point									
 HRN 50 	90 undyed						C3046601			

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle with blunt point									
	90 undyed							B3046605	
3/8 circle reverse cutting needle									
	45 70 undyed	C3046201	C3046202	C3046207 C3046203					
	45 70 undyed		C3046212	C3046413 C3046213	C3046214				
	45 undyed			C3046838					
	45 70 90 undyed		C3046219 C3046419	C3046220 C3046420 C3046223	C3046221 C3046421 C3046224	C3046422			
	45 70 90 undyed			C3046234	C3046535 C3046235	C3046536 C3046236 C3046636			
	90 undyed				C3046246	C3046247	C3046248		
	90 undyed				C3046454	C3046455			
1/2 circle reverse cutting needle									
	45 undyed			C3046204					
	45 70 undyed			C3046226	C3046227				
	45 70 undyed			C3046229	C3046230 C3046136	C3046231 C3046140			

Novosyn® Quick

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle									
 HS 26 Easyslide	70 undyed					C3046142			
 HS 37s Easyslide	70 90 undyed					C3046240	C3046241	C3046442 C3046242	
 HS 40s Easyslide	90 undyed						C3046586	C3046587	
 HS 48 Easyslide	90 undyed						C3046525		
5/8 circle reverse cutting needle									
 FS 25 Easyslide	70 undyed				C3046262				
Straight reverse cutting needle									
 GS 13 Easyslide	45 undyed			C3046208					
 GS 45 Easyslide	70 undyed				C3046515				
 GS 51 Easyslide	70 undyed			C3046271	C3046272	C3046273	C3046274		
 GS 60 Easyslide	70 undyed				C3046409	C3046410			
3/8 circle reverse cutting needle with precision point									
 DSMP 7 Easyslide	45 undyed	C3046612							
 DSMP 11 Easyslide	45 70 undyed	C3046607 C3046603	C3046610						

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
3/8 circle reverse cutting needle with precision point									
 DSMP 13 	45 undyed		C3046619	C3046620					
 DSMP 16 	45 70 undyed		C3046611	C3046625 C3046685	C3046686				
 DSMP 19 	45 70 undyed			C3046629 C3046529	C3046630 C3046530	C3046631 C3046531			
 DSMP 24 	45 70 undyed				C3046154 C3046657	C3046155 C3046658			
 DSMP 35 	70 undyed				C3046148				






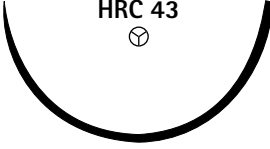
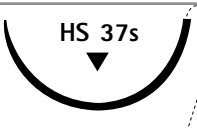
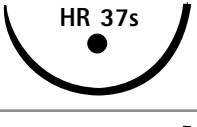

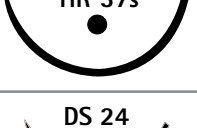


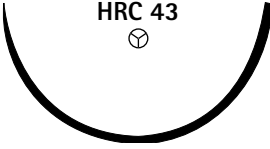
Novosyn® Quick

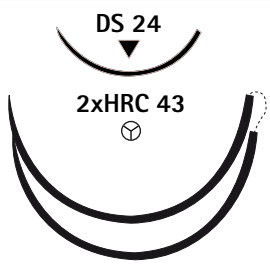
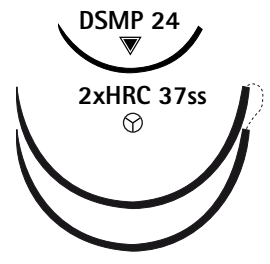
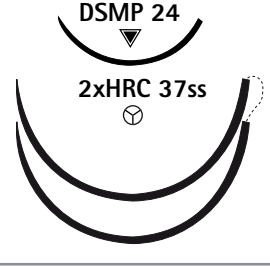
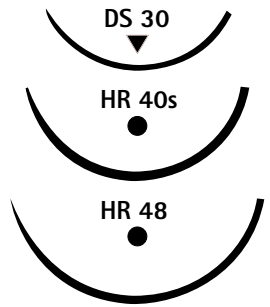
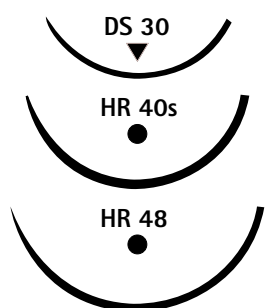
	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
Pre-cut sutures									
3 threads of 45 cm	3 x 45 undyed			C3037625	C3037626	C3037627	C3037628		
6 threads of 45 cm	6 x 45 undyed		C3037004	C3037005	C3037006	B3037007	B3037008		
2 threads of 70 cm	2 x 70 undyed		C3037024		C3037026	C3037027	C3037028		
5 threads of 70 cm	5 x 70 undyed		C3037444		C3037446				
1 thread of 150 cm	1 x 150 undyed				C3037706	C3037692	C3037694	C3037693	

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Episio-Set Novosyn® Quick

FOR EPISIOTOMIES

Novosyn® Quick	Length	USP (metric)	Units / box	Catalog No.
 	70 cm 90 cm	2/0 (3) 0 (3.5)	36 units	C3046918
 	70 cm 90 cm	2/0 (3) 0 (3.5)	24 units	B3046106
 	70 cm 90 cm	2/0 (3) 0 (3.5)	36 units	C3046910
 	140 cm 140 cm	2/0 (3) 2/0 (3)	36 units	C3046913
 	140 cm 140 cm	3/0 (2) 3/0 (2)	36 units	C3046920
  	70 cm 90 cm 90 cm	2/0 (3) 0 (3.5) 1 (4)	24 units	B3046909

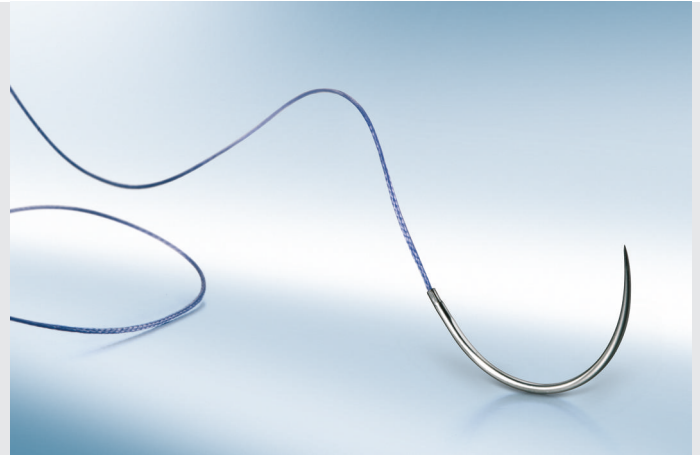
Novosyn® Quick	Length	USP (metric)	Units / box	Catalogue No.
 <p>DS 24 ▼</p> <p>2xHRC 43 ⊙</p>	70 cm	2/0 (3)	24 units	B3046911
	90 cm	2/0 (3)		
 <p>DSMP 24 ▼</p> <p>2xHRC 37ss ⊙</p>	70 cm	2/0 (3)	24 units	B3046912
	90 cm	1 (4)		
 <p>DSMP 24 ▼</p> <p>2xHRC 37ss ⊙</p>	70 cm	2/0 (3)	24 units	B3046916
	90 cm	0 (3.5)		
 <p>DS 30 ▼</p> <p>HR 40s ●</p> <p>HR 48 ●</p>	70 cm	0 (3.5)	24 units	B3046921
	70 cm	0 (3.5)		
	70 cm	0 (3.5)		
 <p>DS 30 ▼</p> <p>HR 40s ●</p> <p>HR 48 ●</p>	70 cm	2/0 (3)	24 units	B3046922
	70 cm	2/0 (3)		
	70 cm	2/0 (3)		

Novosyn[®]

Absorbable Sutures

Description

Novosyn[®] is a mid-term absorbable braided and coated synthetic suture made of polyglactin 910. Novosyn[®] degrades by hydrolysis and provides a predictable and reliable absorption.



Novosyn[®]
































Novosyn[®]










Product overview

















Polyglactin 910, braided, coated



































Colour	Violet or undyed
Origin	Synthetic
Sizes	USP 8/0 (metric 0.4) to USP 2 (metric 5)
Type of absorption	By hydrolysis
Mass absorption	from 56 to 70 days
Sterilisation	Ethylene oxide

Needle		Thread length cm colour	USP (metric)							
length mm	8/0 (0.4)		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	
3/8 circle round bodied needle										
	DR 8 	30 violet	C0068133		C0068433					
	DR 10 	45 violet		C0068101	C0068102	C0068103				
	DR 12 	45 60 70 violet			C0068434	C0068134 C0068435	C0068105 C0068436			
	2xDR 12 	45 undyed			C0069725					
	DR 15 	45 70 violet					C0068137 C0068107			
	DR 18 	45 70 violet				C0068155	C0068138 C0068150	C0068151		
	DR 22  	70 violet						C0068160N1		
	DR 22 b 	70 violet					C0068159	C0068160	C0068161	
	DR 22 b 	70 violet					C0068108	C0068117		
	DR 26  	70 violet							C0068165N1	
	DR 26 	70 120 violet						C0068164 C0068179	C0068165	
	DR 32  	70 violet							C0068171N1	
	DR 32 	70 90 violet						C0068170	C0068171	C0068172
Needle		Thread length cm colour	USP (metric)							
length mm	4/0 (1.5)		3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	
	DR 32 	70 90 violet			C0068566	C0068567	C0068173 C0068568	C0068168		















Needle length mm	Thread length cm colour	USP (metric)							
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3/8 circle round bodied needle									
 DR 48 Easyslide	90 violet					B0068437			
Needle length mm	Thread length cm colour	USP (metric)							
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1/2 circle round bodied needle									
 HR 6 Easyslide	30 45 violet	C0068149 C0068020							
 HR 10 Easyslide	70 45 violet undyed		C0068002	C0068003					
 HR 13 Easyslide	45 70 90 violet 45 70 undyed		C0068449 C0068006	C0068450 C0068007	C0068451 C0068008 C0068452	C0068009			
 HR 13 Easyslide	4 x 45 8 x 45 violet	take off		C0088718 M0088190	C0088719 M0088191				
 HR 13ss Easyslide	45 70 violet					C0088320 C0068120	C0088321 C0068110	C0088322 C0068111	
 HR 17f Easyslide	70 violet				C0068888				
 HR 17 Easyslide	45 70 90 violet 70 undyed		C0068011	C0068012	C0088340 C0068013 C0068853	C0068014 C0068854	C0068015 C0068855	C0068016	
 HR 17b Easyblack	70 violet			C0068144	C0068147	C0068152			













Needle length mm	Thread length cm colour	USP (metric)																																																																																										
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)																																																																																			
1/2 circle round bodied needle																																																																																												
 HR 17	4 x 45				C0088713	C0088714																																																																																						
	8 x 45				M0088185	M0088187																																																																																						
 HR 17b	4 x 70				C0088613	C0088614																																																																																						
	8 x 70				M0088255																																																																																							
	violet																																																																																											
	4 x 45				C0089713																																																																																							
 HR 17b	8 x 45				M0088011		M0068153																																																																																					
	violet																																																																																											
 2xHR 17	70					C0068904																																																																																						
	90			C0068869	C0068870																																																																																							
 2xHR 17b	violet																																																																																											
	70			C0068163	C0068176																																																																																							
 HR 17s	violet				C0068113	C0088335	C0068115	C0068116	C0068118																																																																																			
	45					C0068114																																																																																						
 HR 20	70				C0068765N1	C0068766N1																																																																																						
	violet																																																																																											
 HR 20	70				C0068765	C0068766	C0068767																																																																																					
	90					C0068763																																																																																						
	violet																																																																																											
	70				C0068029N1	C0068030N1	C0068031N1																																																																																					
 HR 22	90					C0068877N1																																																																																						
	violet																																																																																											
	20					C0068069	C0068004																																																																																					
	45					C0088325																																																																																						
 HR 22	70			C0068028	C0068029	C0068030	C0068031	C0068032																																																																																				
	violet																																																																																											
	70																																																																																											
<table border="1"> <thead> <tr> <th rowspan="2">Needle length mm</th> <th rowspan="2">Thread length cm colour</th> <th colspan="8">USP (metric)</th> </tr> <tr> <th>6/0 (0.7)</th> <th>5/0 (1)</th> <th>4/0 (1.5)</th> <th>3/0 (2)</th> <th>2/0 (3)</th> <th>0 (3.5)</th> <th>1 (4)</th> <th>2 (5)</th> </tr> </thead> <tbody> <tr> <td rowspan="4">  HR 22 </td> <td>70</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>C0068443</td> </tr> <tr> <td>90</td> <td></td><td></td><td>C0068438</td><td>C0068877</td><td>C0068881</td><td></td><td></td><td></td> </tr> <tr> <td>120</td> <td></td><td></td><td></td><td>C0068078</td><td>C0068880</td><td></td><td></td><td></td> </tr> <tr> <td>violet</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td rowspan="3">  HR 22 </td> <td>70</td> <td></td><td></td><td>C0069029</td><td>C0069030</td><td>C0069031</td><td></td><td>C0069033</td><td></td> </tr> <tr> <td>90</td> <td></td><td></td><td></td><td>C0069720</td><td></td><td></td><td></td><td></td> </tr> <tr> <td>undyed</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>										Needle length mm	Thread length cm colour	USP (metric)								6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	 HR 22	70								C0068443	90			C0068438	C0068877	C0068881				120				C0068078	C0068880				violet									 HR 22	70			C0069029	C0069030	C0069031		C0069033		90				C0069720					undyed								
Needle length mm	Thread length cm colour	USP (metric)																																																																																										
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)																																																																																			
 HR 22	70								C0068443																																																																																			
	90			C0068438	C0068877	C0068881																																																																																						
	120				C0068078	C0068880																																																																																						
	violet																																																																																											
 HR 22	70			C0069029	C0069030	C0069031		C0069033																																																																																				
	90				C0069720																																																																																							
	undyed																																																																																											














Needle length mm	Thread length cm colour	USP (metric)								
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1/2 circle round bodied needle										
 Easyblack		70 violet				C0068186N1				
		70			C0068181	C0068186	C0068189			
		90				C0068526				
		120 violet				C0068365				
 Easyslide	take off	4 x 45			C0088729	C0088730	C0088731			
		8 x 45			M0088177	M0088178	M0088180			
		4 x 70			C0088629	C0088630	B0088631			
		8 x 70 violet			M0088248	M0088249	M0088250			
 Easyblack	take off	4 x 45				C0088732				
		8 x 45 violet			M0068182	M0068188				
 Easyslide		90 violet				C0068874	C0068875			
	 Easyblack	70			C0068190	C0068192				
90 violet					C0068191					
 Easyslide		70 violet					C0068036N1	C0068037N1	C0068038N1	
		70 violet			C0068932	C0068934	C0068036	C0068037	C0068038	
		70 undyed				C0069934				
 Easyslide		70 violet					C0068937			
	 Easyslide	70 violet							C0068033	

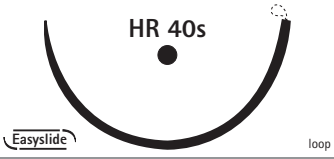




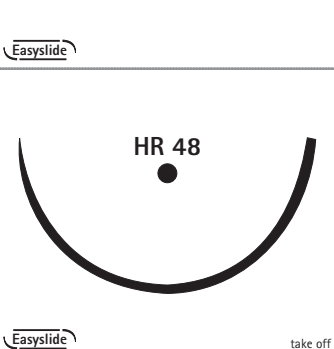
Needle length mm	Thread length cm colour	USP (metric)								
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1/2 circle round bodied needle										
	  	70 90 violet			C0068040N1	C0068041N1 C0068541N1	C0068042N1 C0068542N1	C0068043N1 C0068543N1	C0068044N1	
		70 undyed				C0069041N1	C0069042N1			
		20 45 70 4 x 70 90 120 violet		C0068039	C0068040	C0068041 C0088647	C0068042 C0068541 C0068542 C0068088	C0068043 C0068543	C0068044 C0068544	C0068034 C0068545
		70 90 undyed			C0069040	C0069041 C0069541	C0069042 C0069540	C0069043 C0069543		
			70 violet				C0068198N1	C0068209N1		
		70 violet			C0068196	C0068198	C0068209			
		4 x 45 5 x 45 8 x 45 4 x 70 8 x 70 violet			C0088740	M0088170 C0088640 M0088237	C0088741 M0088171 C0088641 M0088239	C0088742 B0088351 M0088172 C0088642 M0088241		
					70 violet					
		70 violet			C0068196	C0068198	C0068209			
		4 x 45 8 x 45 undyed					C0089741 M0089116	M0089117		
				8 x 45 8 x 70 violet			M0068200 M0068201			
	8 x 45 8 x 70 violet									
				70 90 violet			C0068901	C0068902	C0068907	
	70 90 violet									
				70 90 violet			C0068210 C0068216	C0068217		
	70 90 violet									

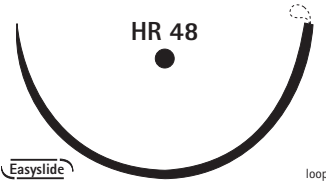
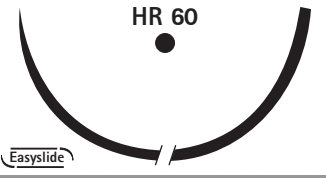




C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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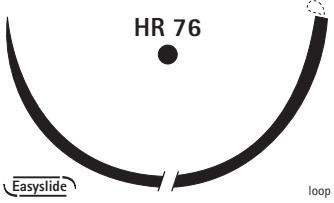






Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle									
 HR 26s	  70 90 violet				C0068089N1	C0068090N1 C0068590N1	C0068091N1 C0068591N1	C0068092N1 C0068592N1	
	45 70 8 x 70 90 violet				C0068089	C0068090	C0068091 M0068295	C0068092 M0068305	C0068093 C0068613
	70 undyed				C0069089	C0069090	C0069091	C0069092	
	 4 x 45 8 x 45 4 x 70 8 x 70 violet					C0088790 M0088164	B0088791 M0088165 B0088691 M0088232	B0088792 M0088166 B0088692 M0088233	B0088793 B0088693 M0088234
 HR 26ss	 70 90 violet						C0068791 C0068580	C0068100 C0068642	C0068793 C0068642
 HR 26ss	 4 x 45 8 x 45 violet					C0088810 M0088160			
 HR 30	  70 90 violet				C0068046N1	C0068047N1 C0068447N1	C0068048N1 C0068448N1	C0068049N1	
	70 90 violet			C0068035	C0068046 C0068446	C0068047 C0068447	C0068048 C0068448	C0068049 C0068645	C0068045
	70 undyed					C0069047	C0069048		
	 4 x 45 4 x 70 violet					C0088660	C0088761 B0088661	B0088662	
 2xHR 30	 70 violet						C0068747		



















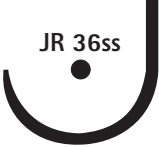

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle									
 HR 30s 	70 violet							C0068548N1	C0068549N1
	70 90 violet					C0068547	C0068548	C0068549	C0068633
 HR 30ss 	70 90 violet						C0088716	C0068559	C0068646
 HR 30ss 	4 x 70 8 x 70 violet							B0088803	M0088225
 HR 37 	70 90 violet				C0068050N1	C0068051N1	C0068052N1	C0068053N1	
	70 90 violet				C0068550N1	C0068551N1	C0068552N1	C0068553N1	
	70 90 violet				C0068050	C0068051	C0068052	C0068053	C0068054
	70 90 undyed				C0069050	C0069051	C0069052		
 HR 37 	4 x 45 8 x 45 4 x 70 8 x 70 violet				C0088769	C0088770			
	4 x 45 undyed				M0088145	M0088146	B0088671		
					C0088669	B0088670			
					M0088218	M0088219			
 HR 37s 	70 90 violet				C0068094N1	C0068095N1	C0068096N1	C0068097N1	
	90 undyed					C0068595N1	C0068956N1	C0068597N1	
	45 70 90 4 x 90 150 violet			C0068953	C0068094	C0068095	C0068096	C0068097	C0068098
					C0068955	C0068595	C0068956	C0068597	B0068598
	70 90 undyed					C0068584		B0088653	B0068125
					C0069099	C0069095	C0069096	C0069097	C0069098
					C0069594	C0069595	C0069596	C0069597	B0069598

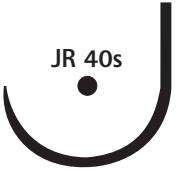























Needle length mm	Thread length cm colour	USP (metric)							
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1/2 circle round bodied needle									
 HR 37s	4 x 45				C0088794	C0088795	B0088796	B0088797	B0088798
	5 x 45						B0088352		
	8 x 45				M0088135	M0088136	M0088137	M0088139	M0088140
	4 x 70					B0088695	C0088696	B0088697	B0088698
	8 x 70					M0088212	M0088213	M0088214	M0088215
	violet								
	4 x 45					C0089795	B0089796	B0089797	
	8 x 45					M0089131	M0089132	M0089133	
	4 x 70						B0089696		
	8 x 70						M0089504		
 take off	undyed								
 HR 37ss	90							C0068577N1	
	violet								
	70					C0068121	C0068122	C0068123	
	90						C0068576	C0068577	B0068655
violet									
 HR 37ss	4 x 45						B0088806	B0088807	
	8 x 45						M0088131	M0088132	
	4 x 70							B0088707	
	violet								
 take off	70						C0068175N1	C0068457N1	
 HR 40	90						C0068569N1	C0068571N1	
	violet								
	70					C0068381	C0068175	C0068457	
	90						C0068569	C0068571	B0068661
violet									
 HR 40s	70						C0068055N1	C0068056N1	C0068057N1
	90						C0068467N1	C0068556N1	C0068557N1
	violet								
	70				C0068059	C0068055	C0068056	C0068057	C0068058
 HR 40s	90				C0068466	C0068467	C0068556	C0068557	B0068558
	120							B0068555	
	violet								
70						C0069055		C0069057	
	90				C0069466	C0069467	C0069559	C0069557	B0069558
undyed									
 HR 40s	4 x 45						B0088766	B0088767	B0088768
	5 x 45						B0088355		
	8 x 45						M0088115	M0088116	M0088117
	4 x 70							B0088667	B0088668
	8 x 70							M0088207	M0088208
	violet								
 take off									

















Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle										
 HR 40s loop	150 violet							B0068355	B0068350	
	70 90 violet								C0068947N1 C0068847N1	
 HR 43 take off	70 90 violet							C0068946	C0068947 C0068847	C0068948 B0068848
	4 x 45 8 x 45 violet								B0088781 M0088110	B0088782 M0088111
 HR 43 take off	4 x 45 8 x 45 violet								B0088781 M0088110	B0088782 M0088111
 HR 43s take off	70 violet								C0068169	C0068070
 HR 48 take off	70 90 violet						C0068060N1 C0068560N1	C0068061N1 C0068561N1	C0068062N1 C0068562N1	
	70 90 120 violet					C0068099	C0068060 C0068560	C0068061 C0068561	C0068062 C0068562	C0068063 B0068563 B0068779
	70 90 undyed					C0069059 C0069565	C0069564	C0069561	C0069562	
 HR 48 take off	4 x 45 5 x 45 8 x 45 4 x 70 8 x 70 violet						B0088785 B0088350 M0088101	B0088786 B0088353 M0088102	B0088787 B0088354 M0088103 B0088687	B0088788 M0088104 B0088688 M0088204
	4 x 45 8 x 45 undyed							B0089786 M0089140		






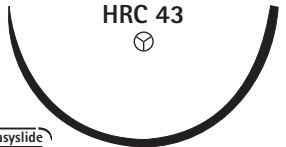
Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle									
 <p>HR 48</p> <p>Easyslide</p> <p>loop</p>	150 violet							B0068119	
 <p>HR 60</p> <p>Easyslide</p>	70 violet					C0068064	C0068065	C0068066	C0068068
 <p>HR 60</p> <p>Easyslide</p> <p>loop</p>	150 violet							B0068380	
 <p>HR 65</p> <p>Easyslide</p>	70 4 x 70 5 x 70 90 150 violet							B0068072 B0088655	B0088656 B0088684 B0068640 B0068940
	70 140 undyed					B0069064			B0069372
 <p>HR 65</p> <p>Easyslide</p> <p>loop</p>	150 240 violet							B0068919 B0068929	B0068930
 <p>HR 70</p> <p>Easyslide</p>	70 90 violet					B0068803	B0068804	B0068183	B0088002

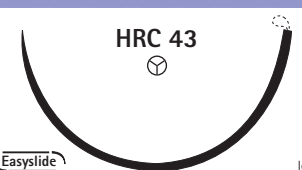
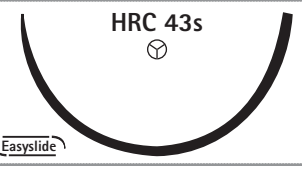
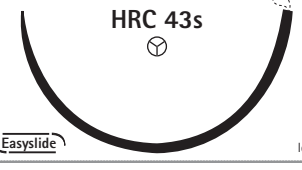
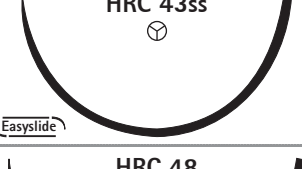
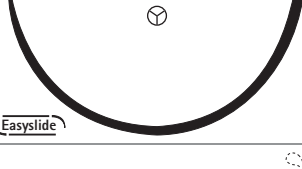
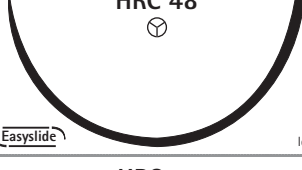


Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle										
 HR 70 Easyslide take off	4 x 70 90 violet									B0088003 B0088004
 HR 76 Easyslide	70 90 100 150 violet				B0068073	B0068074	B0068075	B0068076 B0068579 B0068926	B0068077	B0068931
 HR 76 Easyslide loop	150 violet							B0068927		B0068928
5/8 circle round bodied needle										
 FR 26 Easyslide	70 90 violet				C0068414	C0068415 C0068775	C0068416 C0068810	C0068417		
 FR 26b Easyblack	70 violet				C0068027					
 2xFR 26 Easyslide	70 90 violet			C0068813	C0068818	C0068815 C0068820	C0068817 C0068828			
 FR 26s Easyslide	70 violet							C0068428		
 FR 36 Easyslide	70 90 8 x 90 violet				C0068424	C0068425	C0068426 C0068860 M0088001	C0068427		
 2xFR 36 Easyslide	90 violet						C0068861			









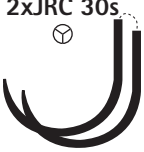







Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
5/8 circle round bodied needle									
 FR 40 	70					C0068489	C0068490	C0068491	
	90 violet						C0068866	C0068867	
Progressive curved round bodied needle									
 PR 16 	45 undyed			C0069135					
Straight round bodied needle									
 GR 19 	20			C0068281	C0068284				
	35			C0068944					
	70 violet				C0068285		C0068695		
 GR 19b 	20 violet			C0068288					
 2xGR 19 	35 violet			C0068943					
 GR 51 	70				C0068405				
	90 violet					C0068185			
 GR 65 	90 violet					C0068994			
Hook round bodied needle									
 JR 30 	70 violet					C0068475			
 JR 30s 	70 violet							C0068481	
 JR 36ss 	70 violet					C0068410	C0068408		








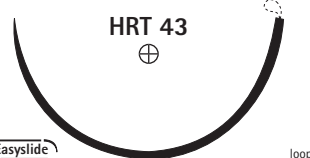

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
Hook round bodied needle									
 JR 40s 	70								C0068478
	violet								
Ski Needle round bodied needle									
 SKR 19 	20			C0068752	C0068753	C0068754			
	45								
	120			C0068755	C0068756	C0068757			
violet									
 SKR 26 	20				C0068746	C0068749			
	30					C0068629			
	120				C0068744	C0068751	C0068781		
violet									
 SKR 26b 	20					C0068287			
	violet								
 SKR 26 	40				C0068745				
	violet								
3/8 circle round bodied needle with short cutting point									
 DRC 12 	70	C0068300	C0068301	C0068302					
	violet								
 DRC 18 	70			C0068460					
	violet								
 DRC 22 	20					C0068830			
	70				C0068827				
violet									
 DRC 26 	20				C0068833				
	violet								
1/2 circle round bodied needle with short cutting point									
 HRC 17 	70		C0068312	C0068313	C0068314	C0068315	C0068316	C0068081	
	violet								
 HRC 17 	45		C0069309						
	70		C0069339	C0069340	C0069341				
undyed									
 HRC 17 	4 x 45					C0088025			
	violet								

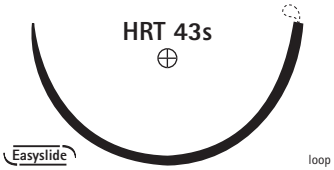
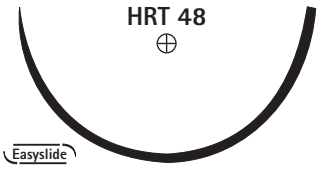
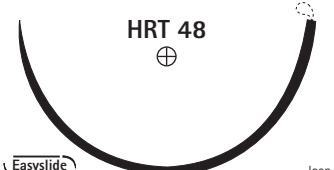

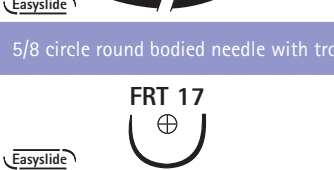



Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle with short cutting point										
 	70 violet					C0068785				
 	70 120 violet			C0068325	C0068326 C0068310	C0068331	C0068332	C0068333		
	70 undyed			C0069335	C0069324			C0069475		
 	70 violet					C0068335N1	C0068336N1			
	20 70 120 violet			C0068694	C0068334 C0068335	C0068337 C0068336 C0068345	C0068343			
	90 undyed						C0069778			
	4 x 45 8 x 45 4 x 70 violet					B0088065	C0088036 M0088037			
 	70 violet						C0068441	C0068721	C0068444	
 	70 undyed								C0069444	
 	70 violet						C0068372N1			
	70 violet					C0068373	C0068372	C0068371	C0068374	
 	70 90 violet							C0068716	C0068375	
 	70 90 violet						C0068361N1 C0068140N1	C0068141N1	C0068142N1	
	70 4 x 70 90 140 violet					C0068360 C0068139 C0068852	C0068361 C0068140	C0068362 C0068141	C0068363 B0068124 C0068142	B0068143
	90 undyed					C0069864	C0069865		C0069867	





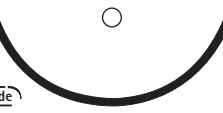





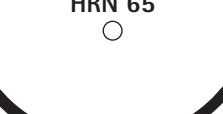





Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle with short cutting point										
 HRC 37 <small>Easyslide</small>	4 x 45 violet					C0088285				
	150 violet					C0068187				
 HRC 37s <small>Easyslide</small>	90 violet					C0068893N1	C0068894N1	C0068895N1	C0068896N1	
	70 90 violet					C0068893	C0068894	C0068895	C0068896	B0068897
 HRC 37ss <small>Easyslide</small>	90 violet							C0068344N1	C0068354N1	
	70 70 70 90 90 90 violet						C0068329	C0068338	C0068340	B0068358
 HRC 40 <small>Easyslide</small>	70 90 violet						C0068908	C0068909	C0068951	
	70 90 undyed						C0069920	B0068950		
 HRC 40s <small>Easyslide</small>	70 violet								C0068960N1	
	70 90 violet 70 undyed						C0068958	C0068959	C0068960	C0068961 B0068992
 HRC 43 <small>Easyslide</small>	70 90 violet						C0068971	C0068972		
							C0068976	C0068977	C0068978	


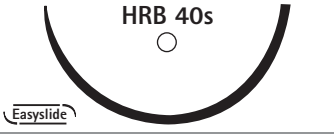

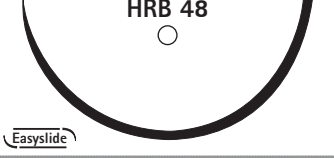
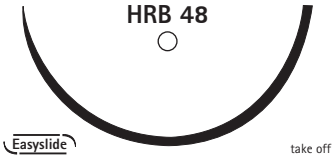






Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle with short cutting point									
 <p>HRC 43</p> <p>Easyslide loop</p>	150 violet						B0068872	B0068873	
 <p>HRC 43s</p> <p>Easyslide</p>	70 90 violet					C0068625		C0068627 C0068982	C0068628 B0068983
 <p>HRC 43s</p> <p>Easyslide loop</p>	150 violet						B0068601	B0068602	
 <p>HRC 43ss</p> <p>Easyslide</p>	90 90 violet							B0068399	B0068404
 <p>HRC 48</p> <p>Easyslide</p>	70 90 150 violet				C0068570	C0068962 C0068572	C0068963 C0068573	C0068964 C0068574 B0068837	C0068965 B0068575
 <p>HRC 48</p> <p>Easyslide loop</p>	150 violet						B0068986	B0068987	B0068988
 <p>HRC 80</p> <p>Easyslide</p>	90 violet							G0068657	
5/8 circle round bodied needle with short cutting point									
 <p>FRC 10</p> <p>Easyslide</p>	30 violet	C0068798							





















Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
5/8 circle round bodied needle with short cutting point									
 FRC 17 	70 undyed			C0069003					
	90 violet			C0068523	C0068505				
 FRC 22 	90 undyed			C0069299	C0069298				
Progressive curved round bodied needle with short cutting point									
 PRC 24 	120 violet					C0068807			
Hook round bodied needle with short cutting point									
 JRC 30s 	70						C0068477	C0068476	
	90								C0068857
	120 violet					C0068193	C0068194		
 2xJRC 30s 	45 60 violet					C0068483	C0068479		
3/8 circle round bodied needle with trocar point									
 DRT 12 	70 violet	C0068306	C0068307						
 DRT 18 	70 violet		C0068319	C0068320	C0068321				
	70 undyed			C0069320	C0069321				
 DRT 22 	70 violet			C0068376	C0068377				







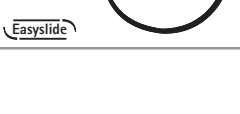


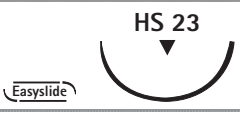
Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
3/8 circle round bodied needle with trocar point									
 DRT 26 Easyslide	70 violet				C0068382	C0068383			
 DRT 32 Easyslide	70 violet					C0068386	C0068387	C0068309	
1/2 circle round bodied needle with trocar point									
 HRT 37 Easyslide	70 violet				C0068650	C0068392 C0068651	C0068393 C0068652	C0068391 C0068653	B0068654
	90 undyed					C0069661	C0069392 C0069662	C0069663	C0069664
 HRT 37s Easyslide	70 violet				C0068384	C0068395 C0068532	C0068396 C0068533	C0068397 C0068534	B0068535
	90 violet						C0068023 C0068024	C0068525	
 HRT 40 Easyslide	70 violet					C0069400			
	90 undyed						C0069673		
 HRT 40s Easyslide	70 violet						C0068413	C0068484	C0068492
	70 undyed						C0069672	C0069671	C0069670
 HRT 43 Easyslide	70 violet					C0068349 C0068997	C0068471	C0068472	
	90 violet								
 HRT 43 Easyslide	150 violet						B0068346	B0068347	
 HRT 43s Easyslide	70 violet					C0068352		C0068474 C0068470	C0068353 B0068473
	90 undyed						C0069378		















Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle with trocar point										
	150 violet							B0068356	B0068357	
	70 90 150 violet				C0068504	C0068400 C0068500	C0068401 C0068501	C0068402 C0068502 B0068520	C0068403 B0068503	
	150 violet							B0068369	B0068370	B0068918
	150 undyed								B0069370	
	90 violet								G0068788	
5/8 circle round bodied needle with trocar point										
	70 undyed			C0069755						
3/8 circle round bodied needle with blunt point										
	90 violet							B0068607	B0068605	B0068614
1/2 circle round bodied needle with blunt point										
	70 violet				C0068638	C0068604				








Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle with blunt point									
 HRN 35 	70						C0068517	C0068518	C0068608
	90 violet						C0068617	C0068618	C0068619
 HRN 40 	70								
	90 violet							C0068634	C0068635
 HRN 45 	90								C0068647
	violet								B0068648
 HRN 50 	90								
	violet							C0068663	C0068664
 HRN 50s 	90								C0068228
	violet								B0068229
 HRN 65 	90								
	violet								B0068674
									B0068675
1/2 circle round bodied needle with protection point									
 HRB 26 	8 x 45						M0089828		
	take off undyed								
 HRB 37s 	90								
	undyed							C0069822	

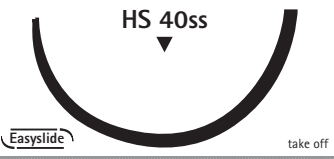
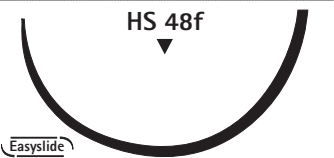
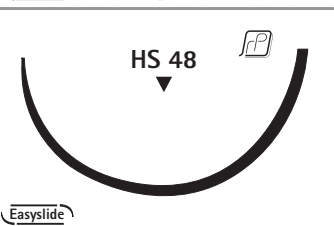
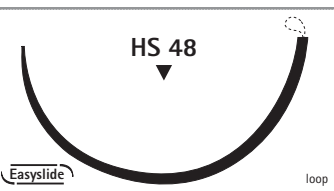
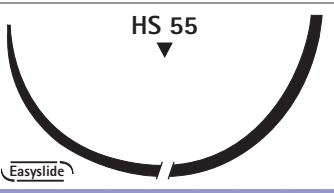
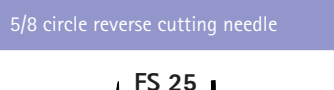

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle with protection point									
 HRB 37s <small>take off</small>	8 x 45 undyed					M0089819	M0089820	M0089821	
 HRB 40s	90 violet							C0068516	
 HRB 40s <small>take off</small>	8 x 45 violet						M0088295	M0088296	
 HRB 48	90 undyed							C0069772	
 HRB 48 <small>take off</small>	8 x 45 violet								M0088282
	8 x 45 undyed						M0089770	M0089771	
3/8 circle reverse cutting needle									
 DS 9	45 violet	C0068202							
 DS 12	45	C0068206	C0068207	C0068208					
	70 violet	C0068506	C0068507	C0068508					
 DS 12 <small>take off</small>	45	C0069206	C0069207	C0069208					
	70 undyed	C0069330	C0069331						
 2xDS 12	45 violet	C0068706	C0068769						
 DS 16	45		C0068212	C0068213	C0068214				
	70		C0068512	C0068513	C0068514				
	90 violet		C0068511						
 DS 16 <small>take off</small>	45		C0069212	C0069213	C0069214				
	70 undyed			C0069513	C0069302				





















Needle length mm	Thread length cm colour	USP (metric)									
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)		
3/8 circle reverse cutting needle											
 DS 19f 		45 undyed			C0069217						
	 	45 70 violet				C0068220N1 C0068420N1	C0068221N1 C0068421N1	C0068422N1			
 		45 70 undyed				C0069220N1 C0069420N1	C0069221N1 C0069421N1				
	 DS 19 		45 70 90 violet		C0068219 C0068419	C0068220 C0068420 C0068224	C0068221 C0068421	C0068422			
		45 70 90 undyed		C0069219 C0069419	C0069220 C0069420 C0069223	C0069221 C0069421	C0069422				
 		70 violet 70 undyed				C0068234N1 C0069235N1	C0068235N1 C0069236N1	C0068236N1 C0069236N1	C0068237N1		
	 DS 24 		45 70 violet		C0068232	C0068536 C0068234	C0068235	C0068236 C0068236	C0068237		
		45 70 90 undyed			C0069534 C0069234	C0069535 C0069235	C0069236 C0069232	C0069237			
 DS 24 			4 x 45 8 x 45 violet				C0088953 M0088192				
	 	70 violet 70 undyed					C0068246N1 C0069247N1	C0068247N1 C0069247N1	C0068248N1		
 DS 30 			70 violet 70 90 undyed				C0068246 C0069246	C0068247 C0069247	C0068248 C0069248 C0069148	C0068249 C0069244	C0068245
	 DS 35 		70 violet 70 undyed				C0068255 C0069256	C0068256 C0069256	C0068257	C0068258	C0068259





















Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
3/8 circle reverse cutting needle										
 DS 39 Easyslide	70						C0068282	C0068283		
	90 violet						C0068239	C0068240		
 DS 45 Easyslide	70 violet					C0068379				
	70 violet							C0068453		
 DS 48 Easyslide	70 violet									C0069282
	70 undyed									
1/2 circle reverse cutting needle										
 HS 15 Easyslide	45		C0068203	C0068204						
	70 violet		C0068233	C0068250						
 HS 18 Easyslide	45 undyed		C0069203	C0069204						
	70 violet		C0068439	C0068522					C0068205	
 HS 21 Easyslide	70 undyed			C0069322						
	45 violet			C0068225	C0068226					
 HS 23 Easyslide	70 undyed					C0069425				
	70 violet					C0068430N1	C0068431N1			
 HS 23 Easyslide	45					C0068230				
	70 90 violet					C0068430	C0068431 C0068524	C0068432		C0068429
 HS 23 Easyslide	45 70 undyed					C0069230 C0069430	C0069431	C0069432	C0069433	
	8 x 45 violet					M0088090				
 HS 23ss Easyslide	70 violet									C0068840
	70 undyed							C0069438		



















Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle									
 HS 26 	70 violet				C0068241N1	C0068242N1			
	70				C0068241	C0068242	C0068243	C0068244	
	90				C0068458	C0068442			
	120 violet				C0068600	C0068957			
	70 undyed				C0069440	C0069441			
 HS 26s 	70 violet					C0068290N1	C0068291N1		
	70				C0068641	C0068290	C0068291	C0068292	
	90					C0068440	C0068480		
	120 violet					C0068603	C0068610		
	70 undyed					C0069290	C0069084	C0069293	
 HS 26s 	4 x 45 8 x 45 violet					C0088895			
						M0088081			
	4 x 45 8 x 45 undyed				C0089894		M0089176		
	take off								
 HS 26ss 	70 violet						C0068975		C0068084
	70 undyed							C0069083	
 HS 26ss 	4 x 45 violet						B0088906		
	take off								
 HS 30 	70 violet					C0068251N1	C0068252N1		
	70					C0068251	C0068252	C0068253	
	90 violet							C0068493	
	70 undyed					C0069450	C0069451		
 HS 37 	90 violet					C0068495N1	C0068496N1	C0068497N1	
	90				C0068494	C0068495	C0068496	C0068497	B0068498
	violet								
	70 90 undyed					C0069461	C0069294	C0069295	C0069296

















Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle reverse cutting needle										
 HS 37s	70						C0068294N1	C0068296N1	C0068297N1	
	90						C0068596N1	C0068582N1	C0068583N1	
	violet									
 HS 37s	70				C0068293	C0068294	C0068296	C0068297	C0068298	
	90				C0068594	C0068596	C0068582	C0068583	B0068599	
	120						B0068611	B0068632		
 HS 37s	70				C0069460	C0069195	C0069196	C0069197		
	90					C0069187				
 HS 37s + HR 37s	150						B0068278			
	violet									
 HS 37ss	70					C0068085	C0068086	C0068087		
	70					C0069085	C0069088	C0069087		
 HS 37ss	3 x 45							B0088701		
	violet									
 HS 40	90						C0068486N1	C0068487N1		
	70									
	90					C0068485	C0068805	C0068806	B0068488	
 HS 40s	70						C0068268N1	C0068269N1		
	90						C0068586N1	C0068587N1		
	70					C0068267	C0068268	C0068269	C0068770	
	90					C0068585	C0068586	C0068587	B0068588	
 HS 40s	70							C0069093		
	undyed									

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle									
 HS 40ss take off	3 x 45								B0088911
	4 x 45 violet								B0088912
 HS 48f	4 x 45 undyed								B0089912
	90 violet								C0068464
 HS 48 RF	90 violet								C0068462N1
	70					C0068691	C0068261	C0068262	C0068263
	90 violet						C0068461	C0068462	B0068463
	90 undyed						C0069362	C0069363	B0069364
 HS 48 loop	150 violet								B0068303
	70 violet								C0068227
5/8 circle reverse cutting needle									
 FS 25	70 violet					C0068398			
	70 undyed					C0069622			
Straight reverse cutting needle									
 GS 13	45 violet			C0068211					
	 2xGS 13	45 violet			C0068920				

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
Straight reverse cutting needle									
 GS 51 	70 violet				C0068272	C0068274	C0068275		
	70 undyed			C0069271	C0069272	C0069273			
 GS 60f 	70 undyed				C0069266				
	 GS 60 	45 violet			C0068264	C0068265	C0068266		
70 undyed				C0069280	C0069265	C0069267			
 GS 75 	70 violet							G0068924	
Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
3/8 circle reverse cutting needle with precision point									
 2xDSMP 6 	45 violet		G0068850						
	 DSMP 7 	70 violet		C0068407					
45 undyed				C0069601					
 2xDSMP 7 	45 violet			C0068708					
	45 undyed			C0069709					
 DSMP 11 	45 violet		C0068684	C0068685					
	70 violet			C0068688					
	45 undyed			C0069607	C0069608				
 2xDSMP 11 	45 violet			C0068726					
 DSMP 13f 	45 undyed			C0069617					

Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
3/8 circle reverse cutting needle with precision point									
DSMP 13 	45			C0068622	C0068623	C0068624			
	70 violet				C0068723				
 DSMP 13	45 undyed			C0069618	C0069619	C0069620			
	2xDSMP 13 	45 violet			C0068162				
 2xDSMP 13	45 undyed				C0069715	C0069716			
	DSMP 16 	45 70 violet			C0068530	C0068538 C0068782	C0068531 C0068783	C0068529 C0068784	
 DSMP 16		45 70 undyed			C0069526	C0069525 C0069325	C0069524 C0069326	C0069599 C0069327	
	DSMP 19 	70 violet						C0068824N1	
 DSMP 19		45 70 undyed					C0069629N1 C0069529N1	C0069630N1 C0069530N1	
	 DSMP 19	45 70 violet				C0068626 C0068528	C0068630 C0068823	C0068631 C0068824	
DSMP 24 		45 70 undyed				C0069628 C0069528	C0069629 C0069529	C0069630 C0069530	C0069531
	 DSMP 24	70 violet							C0068865N1
DSMP 24		70 undyed						C0069556N1	C0069554N1
	 DSMP 24	45 70 violet						C0068025 C0068864	C0068022 C0068865
DSMP 30 		45 70 90 undyed					C0069655 C0069555	C0069656 C0069556 C0069572	C0069657 C0069554
	 DSMP 30	70 violet						C0068669	C0068670
DSMP 35 		70 violet						C0068690	
 DSMP 35									

Needle length mm	Thread length cm colour	USP (metric)								
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	
3/8 circle reverse cutting needle with precision point										
 DSMP 39 	70 violet							C0068659	C0068660	
	70 undyed							C0069659	C0069660	
1/2 circle reverse cutting needle with precision point										
 HSMP 9 	45 undyed				C0069591	G0069593				
 2xHSMP 9 	35 45 violet	C0068673		C0068758						
 HSMP 12 	45 undyed			C0069606	G0069632	G0069633				
 HSMP 15 	45 undyed				G0069635	C0069636				
Progressive curved reverse cutting needle with precision point										
 PSMP 16 	45 undyed				C0069602	C0069600				
3/8 circle round bodied needle micro needle										
 DRm 6	20 35 violet	G0068145 G0068146								
 DRm 8	30 violet	G0068796								
3/8 circle lancet micro needle										
 2xDLm 5	30 violet	G0068699								
 DLm 6	15 30 violet	G0068615 G0068724								
 2xDLm 6	30 45 violet	G0068702 G0068701								
 DLm 6s	30 violet	G0068620	G0068621							

Needle			Thread	USP (metric)								
angle	length mm	diameter microns	length cm colour	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	
3/8 circle lancet micro needle												
137°	2xDLm 6s 	200µ	30	G0068710	G0068712							
			45	G0068713	G0068711							
1/2 circle lancet micro needle												
	2xHLM 6 	150µ	30 violet	G0068715								
	2xHLM 8 	200µ	45 violet			G0068966	G0068967	G0068968				
			45 undyed			G0069740						
			30 45 violet	G0068740	G0068741							
1/4 circle lancet needle with micro-point												
	VLM 6 		45 undyed				G0069201					
	2xVLM 6 		30			G0068616						
			45 violet	C0068732	G0068737							
	VLM 8 		45			G0068778						
			70 violet		G0068299							
	2xVLM 8 		20			G0068733	G0068748					
			45 violet		G0068734	G0068735	G0068736					
			45 undyed		G0069734	G0069735						
	VLM 10 		45 violet			G0068718						
	2xVLM 10 		45 violet			G0068738	G0068739					

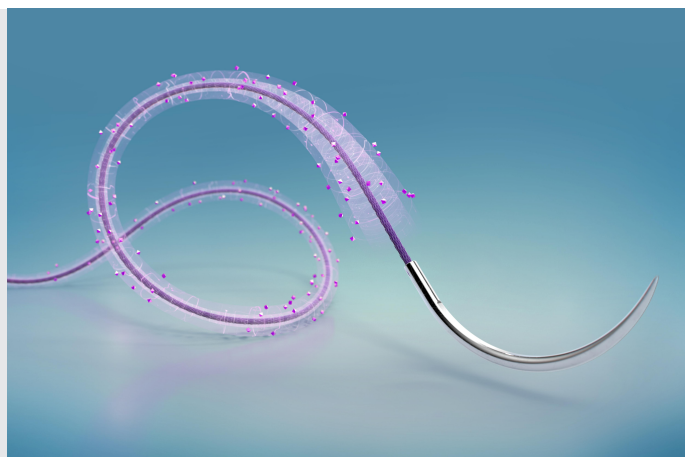
	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
Pre-cut sutures									
3 threads of 45 cm	3 x 45 violet	C0058623	C0058624	C0058625	C0058626	C0058627	C0058629	C0058630	
6 threads of 45 cm	6 x 45 violet	C0058643	C0058644	C0058645	C0058646	B0058647	B0058649	B0058650	
12 threads of 45 cm	12 x 45 violet		C0058664	C0058665	C0058666	B0058667	B0058669	B0058670	
10 threads of 60 cm	10 x 60 violet	C0058180	C0058181	C0058182	C0058183	B0058567	B0058568		
2 threads of 70 cm	2 x 70 violet		C0058404	C0058405	C0058406	C0058407	C0058409	C0058410	
5 threads of 70 cm	5 x 70 violet		C0058444	C0058445	C0058446	C0058447	B0058449	B0058450	
4 threads of 90 cm	4 x 90 violet				C0058064				
5 threads of 90 cm	5 x 90 violet				C0058456	C0058457			
1 thread of 140 cm	1 x 140 violet	C0058203	C0058204	C0058205	C0058207	C0058208	C0058209	C0058210	
1 thread of 150 cm	1 x 150 violet		B0058704	B0058705	B0058706	B0058707	B0058709	B0058708	
3 threads of 45 cm	3 x 45 undyed		C0059624	C0059625	C0059626	C0059627	C0059629	C0059630	
6 threads of 45 cm	6 x 45 undyed		C0059644	C0059645	C0059646	B0059647	B0059649		
12 threads of 45 cm	12 x 45 undyed		C0059664	C0059665	C0059666	B0059667	B0059669	B0059670	
2 threads of 70 cm	2 x 70 undyed			C0059405			C0059409	C0059410	
5 threads of 70 cm	5 x 70 undyed			C0059445	C0059446	C0059447		B0059450	
1 thread of 140 cm	1 x 140 undyed			C0059205	C0059207	C0059208			
Ligature reels									
1 thread of 250 cm	1 x 250 violet			G0058715	G0058716	G0058717	G0058719	G0058720	
1 thread of 250 cm	1 x 250 undyed			G0059715	G0059716	G0059717			

Novosyn® CHD

Absorbable Sutures

Description

Novosyn® CHD is a mid-term absorbable braided synthetic suture made of polyglactin 910 coated with Chlorhexidine Diacetate. Novosyn® CHD degrades by hydrolysis and provides a predictable and reliable absorption.



Novosyn® CHD

Product overview

























Polyglactin 910, braided, coated



Colour	Violet or undyed
Origin	Synthetic
Sizes	USP 5/0 (metric 1) to USP 2 (metric 5)
Type of absorption	By hydrolysis
Mass absorption	from 56 to 70 days
Sterilisation	Ethylene oxide



















Novosyn® CHD









Needle-thread combination

Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
3/8 circle round bodied needle										
 DR 12 	45 70 violet	C1068134		C1068436						
 DR 18 	70 violet		C1068150	C1068151						
 DR 22 	70 violet			C1068160						
 DR 26 	70 violet				C1068165					
 DR 32 	70 violet			C1068170	C1068171	C1068172	C1068173			
1/2 circle round bodied needle										
 HR 13f 	45 violet	C1068019								
 HR 13 	70 violet	C1068007	C1068008							
	70 undyed	C1069007								
 HR 13ss 	70 violet					C1068111				
 HR 17 	70 violet	C1068012	C1068013	C1068014	C1068015					
	70 undyed	C1069012	C1069013	C1069014						
 HR 17 	4 x 45 8 x 45 8 x 70 violet		C1088713 M1088185 M1088255	C1088714						
 HR 17s 	70 violet					C1068116	C1068118			
 HR 22 	45 70 violet		C1068029	C1088325 C1068030	C1068031					
	70 undyed		C1069029							

Novosyn® CHD

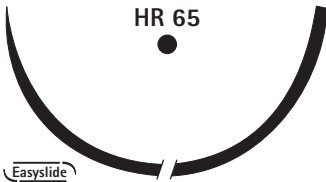

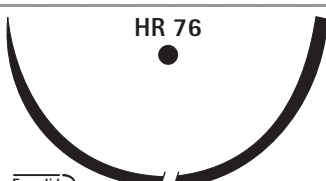






Needle-thread combination

Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle round bodied needle										
 HR 30s 	70 violet					C1068548	C1068549			
 HR 30ss 	90 violet						B1068646			
 HR 30ss  take off	4 x 70 violet						B1088803			
 HR 37 	70 90 violet			C1068050 C1068550	C1068051 C1068551	C1068052 B1068552	C1068053 B1068553	C1068054		
	70 undyed				C1069051					
 HR 37  take off	4 x 45 8 x 70 violet					C1088770 M1088219				
	8 x 45 70 90 violet						M1088138 C1068097 B1068597	C1068098 B1068598		
 HR 37s 	70 90 violet			C1068094 C1068955	C1068095 C1068595	C1068096 B1068956	C1068097 B1068597	C1068098 B1068598		
	70 90 undyed			C1069099	C1069095 C1069595	C1069096 B1069596	B1069597			
 HR 37s  take off	4 x 45 4 x 70 violet			C1088794	C1088795	B1088796	B1088797 B1088697	B1088798 B1088698		
	70 90 violet						C1068123 B1068577			
 HR 37ss 	70 90 violet									
 HR 40s 	70 90 120 violet			C1068466	C1068055 C1068467	C1068056 B1068556	C1068057 B1068557 B1068555	C1068058 B1068558		
	90 undyed						B1069557	B1069558		











Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle round bodied needle										
	8 x 45 4 x 70 violet							M1088117 B1088667	M1088118 B1088668	
	150 violet							B1068350		
	70 90 violet						C1068946	C1068947 B1068847	C1068948 B1068848	
	70 90 violet				C1068060 C1068560	C1068061 B1068561	C1068062 B1068562	C1068063 B1068563		
	90 undyed					B1069561	B1069562	B1069563		
	8 x 45 violet							M1088103	M1088104	
	150 violet							B1068020		
	70 violet						C1068065	C1068066	C1068068	
	150 violet							B1068380		

Novosyn® CHD

Needle-thread combination



















Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle round bodied needle										
 HR 65 Easyslide	90 violet							B1068639	B1068640	
 HR 70 Easyslide	70 violet							B1068183		
 HR 76 Easyslide	70 90 violet				B1068074			B1068579		
5/8 circle round bodied needle										
 FR 26 Easyslide	70 violet			C1068414	C1068415	C1068416	C1068417			
 2xFR 26 Easyslide	90 violet				C1068820	C1068828				
 FR 36 Easyslide	70 violet				C1068425	C1068426	C1068519			
 FR 40 Easyslide	70 violet					C1068490				
Straight round bodied needle										
 GR 51 Easyslide	90 violet				C1068185					
Hook round bodied needle										
 JR 30 Easyslide	70 violet				C1068475					

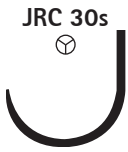







C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
Hook round bodied needle										
 JR 36ss Easyslide	70 violet					C1068408				
 JR 40s Easyslide	70 violet						C1068478			
3/8 circle round bodied needle with short cutting point										
 DRC 18 Easyslide	70 violet		C1068124	C1068128						
 DRC 22 Easyslide	70 violet			C1068827						
 DRC 26 Easyslide	70 violet				C1068131					
 DRC 32 Easyslide	70 violet					C1068304				
1/2 circle round bodied needle with short cutting point										
 HRC 17 Easyslide	70 violet		C1068313	C1068314		C1068316	C1068081			
 HRC 22 Easyslide	70 violet		C1068325	C1068326	C1068331					
 HRC 26 Easyslide	70 violet			C1068335	C1068336	C1068343				
 HRC 26 Easyslide	4 x 45 violet				C1088036					

Novosyn[®] CHD





















Needle-thread combination











Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle round bodied needle with short cutting point										
 HRC 26s 	70 violet				C1068441					
	70 undyed						C1069444			
 HRC 30 	70 violet				C1068372	C1068371	C1068374			
 HRC 37 	70 90 violet			C1068139	C1068140	C1068362 B1068141	B1068142	B1068143		
 HRC 37s 	70 90 violet				C1068842 C1068017	C1068843 B1068895	C1068844 C1068018	B1068897		
 HRC 40 	70 violet					C1068909				
 HRC 40s 	70 violet						C1068960			
 HRC 43s 	70 90 violet						C1068627 B1068982	C1068628 B1068983		
 HRC 48 	70 90 violet					C1068963 B1068573	C1068964 B1068574	B1068575		
 HRC 48 	150 violet							B1068987		

Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
Hook round bodied needle with short cutting point										
 JRC 30s Easyslide	70 violet							C1068476		
	1/2 circle round bodied needle with blunt point									
 HRN 35 Easyslide	70 90 violet						C1068518 B1068618	B1068619		
	 HRN 40 Easyslide	90 violet							B1068637	
 HRN 50 Easyslide		90 violet							B1068664	
	3/8 circle reverse cutting needle									
 DS 12 Easyslide	70 violet		C1068508							
	45 undyed	C1069207	C1069208							
 DS 16 Easyslide	45 70 violet	C1068212 C1068512	C1068213 C1068513	C1068514						
	45 undyed		C1069213							
	 DS 19 Easyslide	45 70 violet	C1068219 C1068419	C1068220 C1068420	C1068221 C1068421	C1068422				
45 70 undyed		C1069219 C1069419	C1069220 C1069420	C1069221 C1069421						
 DS 24 Easyslide	70 violet		C1068234	C1068235	C1068236	C1068237				
	70 undyed		C1069234	C1069235	C1069236					

Novosyn® CHD

Needle-thread combination

Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
3/8 circle reverse cutting needle										
 DS 30 	70 violet			C1068246	C1068247	C1068248	C1068249			
	70 undyed			C1069246	C1069247	C1069248				
1/2 circle reverse cutting needle										
 HS 21 	45 violet		C1068225							
 HS 23 	45 70 violet			C1068230 C1068430	C1068431					
	70 undyed			C1069430						
 HS 23ss 	take off 4 x 45 undyed				C1089680					
 HS 26 	70 violet			C1068241	C1068242	C1068243				
 HS 26s 	70 violet				C1068290	C1068291	C1068292			
	70 undyed				C1069290					
 HS 30 	70 violet				C1068251	C1068252	C1068253			
 HS 37 	90 violet			C1068494	C1068495	B1068496	B1068497	B1068498		
 HS 37s 	70 90 violet				C1068294 C1068596	C1068296 B1068582	C1068297 B1068583	C1068298 B1068599		
 HS 37s + HR 37s 	150 violet					B1068278				

Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle reverse cutting needle										
 HS 37ss take off	4 x 45 undyed					B1089718				
 HS 40	90 violet					B1068486	B1068487	B1068488		
 HS 40s	70 90 violet				C1068267 C1068585	C1068268 B1068586	C1068269 B1068587	B1068588		
 HS 48	70 90 violet					C1068261 B1068461	C1068262 B1068462	B1068463		
	90 undyed						B1069363	B1069364		
Straight reverse cutting needle										
 GS 60	70 violet			C1068265	C1068266					
	70 undyed		C1069280	C1069265	C1069267					
3/8 circle reverse cutting needle with precision point										
 DSMP 11	45 undyed	C1069608								
 DSMP 13	45 violet		C1068624							
	45 undyed	C1069619	C1069620							
 DSMP 16	45 undyed	C1069525	C1069524							
 DSMP 19	45 70 undyed		C1069629 C1069529	C1069630 C1069530	C1069531					
	45 70 undyed		C1069656 C1069556	C1069657 C1069554						
 DSMP 24	45 70 undyed			C1069656 C1069556	C1069657 C1069554					

Novosyn® CHD

Needle-thread combination

	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
Pre-cut sutures									
3 threads of 45 cm	3 x 45 violet		C1058624	C1058625	C1058626	C1058627	C1058629	C1058630	
6 threads of 45 cm	6 x 45 violet		C1058644	C1058645	C1058646	B1058647	B1058649	B1058650	
12 threads of 45 cm	12 x 45 violet		C1058664	C1058665	C1058666	B1058667	B1058669	B1058670	
2 threads of 70 cm	2 x 70 violet			C1058405	C1058406	C1058407	C1058409	C1058410	
5 threads of 70 cm	5 x 70 violet		C1058444	C1058445	C1058446	C1058447	B1058449	B1058450	
1 thread of 140 cm	1 x 140 violet		C1058204	C1058205	C1058207	C1058208	C1058209	C1058210	
3 threads of 45 cm	3 x 45 undyed			C1059625	C1059626				
6 threads of 45 cm	6 x 45 undyed			C1059645	C1059646				
12 threads of 45 cm	12 x 45 undyed			C1059665	C1059666				
5 threads of 70 cm	5 x 70 undyed				C1059446	C1059447	B1059449		
1 thread of 140 cm	1 x 140 undyed			C1059205	C1059207	C1059208			

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Monosyn[®] Quick

Absorbable Sutures

Description

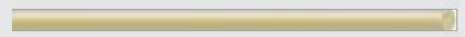
Monosyn[®] Quick is an undyed short-term absorbable synthetic monofilament suture made of glyconate for the approximation of soft tissue with a fast healing process. Monosyn[®] Quick is recommended for all soft tissue with a fast healing process.



Monosyn[®] Quick





















Product overview


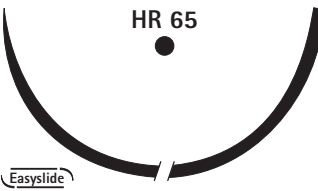






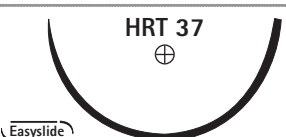
Glyconate (72 % glycolide, 14 % trimethylene carbonate, 14 % ϵ -caprolactone), monofilament, uncoated





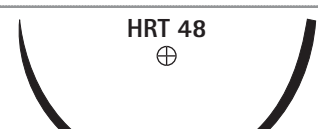






Colour	Undyed
Origin	Synthetic
Sizes	USP 6/0 (metric 0.7) to USP 1 (metric 4)
Type of absorption	By hydrolysis
Mass absorption	after 56 days
Sterilisation	Ethylene oxide













Monosyn® Quick

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle									
 HR 13 	45 70 undyed	C0025193	C0025194 C0025207	C0025195					
 HR 17 	45 70 undyed	C0025216	C0025225 C0025051	C0025052	C0025053				
 HR 22 	45 70 undyed			C0025245	C0025160 C0025246	C0025247			
 HR 26 	70 undyed			C0025057	C0025058	C0025059	C0025060		
 HR 26s 	70 undyed					C0025361	C0025165		
 HR 30 	70 undyed					C0025294	C0025295	C0025296	
 HR 37s 	70 90 undyed				C0025064 C0025070	C0025065 C0025071	C0025066 C0025072	C0025067 C0025073	
 HR 40s 	70 90 undyed				C0025080	C0025076	C0025077 C0025082	C0025078 C0025083	
 HR 43 	70 undyed						C0025176		
 HR 43s 	90 undyed						C0025370		















Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle									
 HR 48 Easyslide	90 undyed					C0025086	C0025087	C0025088	
 HR 65 Easyslide	90 undyed					B0025261			
5/8 circle round bodied needle									
 FR 26 Easyslide	70 undyed					C0025047			
 FR 36 Easyslide	70 undyed						C0025119		
Straight round bodied needle									
 GR 19 Easyslide	45 undyed		C0025114	C0025115					
3/8 circle round bodied needle with trocar point									
 DRT 12 Easyslide	45 undyed	C0025235							
 DRT 18 Easyslide	45 70 undyed		C0025236	C0025313	C0025314				
1/2 circle round bodied needle with trocar point									
 HRT 17 Easyslide	70 undyed		C0025152						
 HRT 37 Easyslide	90 120 undyed					C0025091 C0025096	C0025092	C0025093	

Monosyn® Quick

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle with trocar point									
 HRT 37s ⊕ Easyslide	70 undyed					C0025103			
 HRT 43 ⊕ Easyslide	90 undyed						C0025284	C0025285	
 HRT 48 ⊕ Easyslide	90 undyed						C0025275		
1/2 circle round bodied needle with blunt point									
 HRN 35 ○ Easyslide	70 undyed						C0025177		
 HRN 65 ○ 180° Easyslide	70 undyed						B0025139		
3/8 circle reverse cutting needle									
 DS 12 ▼ Easyslide	45 70 undyed	C0025134	C0025135 C0025323	C0025136 C0025304	C0025169				
 DS 16 ▼ Easyslide	45 70 undyed		C0025125 C0025331	C0025126 C0025332	C0025333				
 DS 19 ▼ Easyslide	45 70 undyed	C0025005	C0025001 C0025006	C0025002 C0025007	C0025003 C0025008	C0025009			
 DS 24 ▼ Easyslide	45 70 undyed			C0025011	C0025351 C0025012	C0025352 C0025013	C0025342		

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
3/8 circle reverse cutting needle									
 DS 30 Easyslide	70 undyed				C0025014	C0025015	C0025107		
1/2 circle reverse cutting needle									
 HS 15 Easyslide	45 undyed		C0025143						
 HS 18 Easyslide	70 undyed				C0025379				
 HS 23 Easyslide	45 undyed			C0025388	C0025389				
 HS 37 Easyslide	70 undyed						C0025174		
 HS 37s Easyslide	90 undyed					C0025265	C0025266		
 HS 40s Easyslide	90 undyed						C0025256	C0025257	
Straight reverse cutting needle									
 GS 51 Easyslide	70 undyed			C0025180	C0025181	C0025182	C0025172		
 GS 60 Easyslide	70 undyed				C0025186				
3/8 circle Trapezoidal micro engraved with precision point									
 DGMP 11	45 undyed	C0025807	C0025805						
 DGMP 13	45 undyed		C0025806	C0025802					
 DGMP 16	45 undyed			C0025803					

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Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
3/8 circle Trapezoidal micro engraved with precision point									
DGMP 19 	45		C0025808	C0025804					
	70 undyed				C0025801				
DGMP 24 	45								
	70 undyed				C0025809 C0025138				
3/8 circle reverse cutting needle with precision point									
 DSMP 11 	45	C0025020	C0025021						
	70 undyed		C0025112						
 DSMP 13 	45	C0025023	C0025024	C0025025					
	70 undyed	C0025111	C0025113	C0025337					
 DSMP 16 	45	C0025027	C0025028	C0025029	C0025030				
	70 undyed			C0025130					
 DSMP 19 	45		C0025031	C0025032	C0025033				
	70 undyed			C0025036	C0025037	C0025038			
 DSMP 24 	45			C0025039	C0025040				
	70 undyed			C0025042	C0025043	C0025044			
1/2 circle reverse cutting needle with precision point									
 HSMP 15 	45			C0025101					
	undyed								

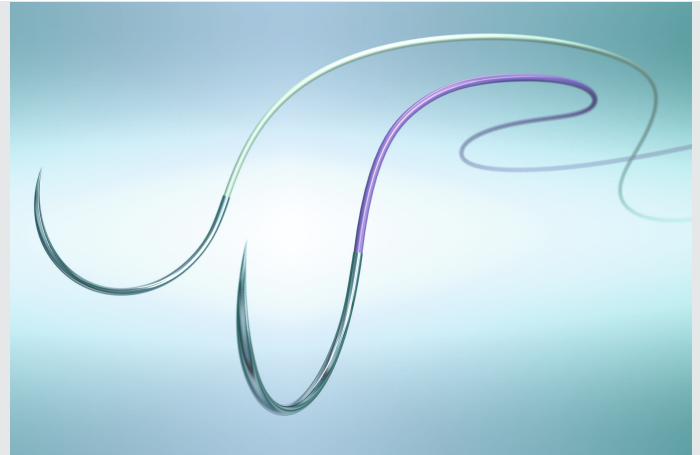
C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Monosyn[®]

Absorbable Sutures

DESCRIPTION

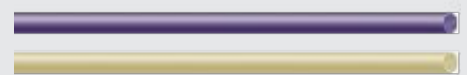
Monosyn[®] is a sterile synthetic mid term absorbable monofilament surgical suture produced from a copolymer of 72% glycolide, 14% ϵ -caprolactone, 14% trimethylenecarbonate. Monosyn[®] is dyed violet with the dyestuff D&C Violet No 2 (colour index number 60725), but is also available undyed (beige).



Monosyn[®]



































Product overview

Glyconate (72 % glycolide, 14 % trimethylene carbonate, 14 % ϵ -caprolactone), monofilament, uncoated

















Colour	Violet or undyed
Coating	Uncoated
Origin	Synthetic
Sizes	USP 7/0 (metric 0.5) to USP 2 (metric 5)
Mass absorption	from 60 to 90 days
Sterilisation	Ethylene oxide


















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Needle length mm	Thread length cm colour	USP (metric)								
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	
3/8 circle round bodied needle										
 2xDR 8 	45 violet			C0022582						
 2xDR 10 	90 violet		C0022829							
 DR 12 	70 violet		C0022095	C0022096						
 2xDR 12 	70 90 violet		C0022854	C0022830						
 DR 18  	70 violet				C2022094					
 DR 18 	70 violet			C0022093	C0022094					
 DR 18  	30 violet					C0022783				
 DR 22  	70 violet					C2022100				
 DR 22 	30 70 violet				C0022110	C0022100	C0022098			
 DR 26  	70 violet						C2022118			
 DR 26 	70 120 violet					C0022117 C0022121	C0022118			
 2xDR 26 	70 violet					C0022790				
 DR 32 	70 violet				C0022111	C0022101	C0022106	C0022125	C0022126	
 2xDR 32 	70 violet						C0022863			
 DR 48 	90 violet									C0022229

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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














Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle									
 HR 10 	70 violet		C0022123						
	 70 violet			C2022008					
HR 13 	45 4 x 45 70 violet	C0022132	C0022019 C0022007	C0022008	C0022009				
 HR 13b 	70 undyed		C0023007	C0023008	C0023009				
 HR 13b 	70 violet		C0022301						
 2xHR 13 	70 violet		C0022801	C0022800					
	 70 violet			C2022003	C2022004	C2022005			
HR 17 	70 90 120 violet		C0022002 C0022238 C0022257	C0022003 C0022810 C0022259	C0022004 C0022811 C0022262	C0022005			
 HR 17 	70 undyed			C0023003	C0023004	C0023005	C0023006		
 HR 17b 	70 violet			C0022616	C0022688	C0022689			
 HR 17 	4 x 45 8 x 45 violet	take off			C0022501 M0022938	C0022502 M0022939			
 2xHR 17 	70 violet			C0022803	C0022804	C0022805			
 2xHR 17b 	70 violet				C0022626				







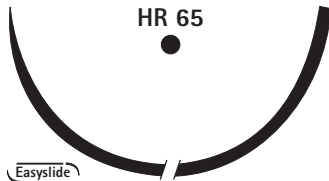
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Needle length mm	Thread length cm colour	USP (metric)								
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	
1/2 circle round bodied needle										
 HR 22	  45 70 violet			C2022413	C2022014	C2022015	C2022016			
	30 45 70 90 120 violet		C0022412	C0022413 C0022013	C0022014 C0022240 C0022263	C0022015 C0022246 C0022519	C0022018 C0022016 C0022520			
	70 undyed				C0023014	C0023015	C0023016			
	 HR 22b	 70 violet				C2022659	C2022660			
		 8 x 45 70 violet				C0022659	M0022148 C0022660	C0022661		
 HR 22	 4 x 45 8 x 45 4 x 70 violet				C0022510 M0022695 C0022061	C0022511 M0022696	C0022512			
	 8 x 45 4 x 70 violet				M0022627 C0022064					
 2xHR 22	 70 90 violet				C0022814 C0022914	C0022815 C0022915				
	90 undyed					C0023915				
	 2xHR 22b	 70 90 violet				C0022632 C0022638	C0022639			
 HR 26		  70 90 violet				C2022024 C2022422	C2022025 C2022425	C2022026 C2022426	C2022027	
	30 70 90 120 violet			C0022423	C0022024 C0022422 C0022524	C0022025 C0022425 C0022424	C0022026 C0022426 C0022525	C0022027 C0022250 C0022526	C0022028	
	70 undyed				C0023024	C0023025	C0023026			
	 70 undyed									



























Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle									
 HR 26b	70 violet						C2022357		
	8 x 45 70 violet					C0022643	M0022153 C0022357	C0022358	
 HR 26	4 x 45 8 x 45 4 x 70 violet					C0022521 M0022260 C0022571	C0022522 M0022261 C0022572	C0022523	
	 HR 26b	8 x 45 8 x 70 violet					M0022645 M0022646		
 2xHR 26	90 violet						C2022825		
	20 70 90 violet					C0022823 C0022824	C0022835 C0022825	C0022296 C0022836 C0022826	
	 2xHR 26b	70 90 violet					C0022649 C0022650	C0022654	
	 HR 26 + FR 26	90 violet						C0022218	
 HR 26s	70 violet							C2022086	
	70 violet					C0022084	C0022085	C0022086	C0022087
Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
 HR 26s	70								C0022089
	90 violet					C0022485	C0022486	C0022487	C0022488























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Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle									
 HR 26s 	90 violet				C0022485	C0022486	C0022487	C0022488	
	70 violet				C2022035	C2022036	C2022037		
 HR 30  	70 violet			C0022034	C0022035	C0022036	C0022037	C0022038	C0022039
	90 violet					C0022496	C0022497		
	70 undyed						C0023037		
 HR 30  take off	4 x 45 violet				C0022585				
 2xHR 30 	70 violet				C0022435	C0022436			
	90 violet				C0022535	C0022536			
 HR 30s 	70 violet							C0022042	
 HR 37  	70 violet				C2022045	C2022046	C2022047	C2022048	
	90 violet				C2022445	C2022446	C2022447		
	70 violet			C0022044	C0022045	C0022046	C0022047	C0022048	C0022049
	90 violet				C0022445	C0022446	C0022447	C0022448	
 HR 37  take off	70 undyed						C0023045		
 HR 37  take off	4 x 45 violet					C0022542	B0022543		
	90 violet					C2022456	C2022457	C2022458	
 HR 37s  	70 violet				C0022055	C0022056	C0022057	C0022058	
	90 violet					C0022456	C0022457	C0022458	
	90 violet				C0023930	C0023456	C0023081		
	120 undyed							B0023470	






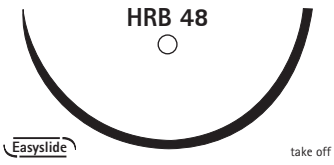
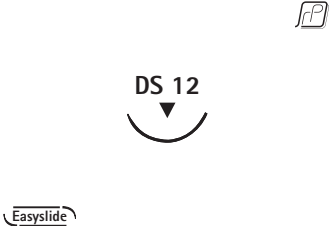

Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle										
 HR 37s Easyslide take off	4 x 70 undyed						C0023546			
 HR 40s Easyslide	70 90 violet							C2022067 C2022467	C2022068 C2022468	
	70 90 violet						C0022066 C0022466	C0022067 C0022467	C0022068 C0022468	C0022069 B0022469
 HR 40s Easyslide take off	4 x 45 violet							B0022548		
 HR 48 Easyslide	90 violet						C2022076	C2022077	C2022078	
	90 120 140 150 violet						C0022076	C0022077	C0022078 B0022578 B0022290	B0022079
	120 undyed							B0022292		
	120 undyed							B0023479	B0023478	
 HR 48 Easyslide take off	4 x 45 violet								B0022554	
 HR 60 Easyslide	90 violet								B0022490	
 HR 65 Easyslide	90 violet							B0022492		














Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle										
 HR 70	70 violet									B0022760
 HR 76	90 150 violet									B0022493 B0022494
5/8 circle round bodied needle										
 FR 13	90 violet		C0022606	C0022607						
 FR 17	90 violet		C0022610	C0022611						
 FR 22	90 violet		C0022614	C0022615						
 FR 26	70 violet						C2022620	C2022621		
	70 90 violet			C0022618	C0022619	C0022620 C0022625		C0022621		
	70 undyed				C0023622	C0023620				
 2xFR 26	70 90 violet			C0022734	C0022735 C0022727	C0022736 C0022740				
	70 violet				C0022635	C0022636		C0022637		
 FR 36	70 undyed							C0023618		
	90 violet				C0022729	C0022730		C0022731		



















Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
5/8 circle round bodied needle									
 FR 36 + FR 26 	90 violet					C0022151			
 FR 40 	70 90 violet					C0022629	C0022630 C0022670		
Straight round bodied needle									
 GR 19 	30 violet			C0022410	C0022406				
 GR 65 	90 violet				C0022679				B0022302
 2xGR 65 	70 violet					C0022575			
Ski Needle round bodied needle									
 SKR 19 	120 violet				C0022714				
 SKR 26 	30 120 violet				C0022715 C0022717	C0022716 C0022718			
3/8 circle round bodied needle with short cutting point									
 DRC 10 	70 violet	C0022382							
 DRC 12 	70 violet	C0022392	C0022403						
 2xDRC 12 	70 violet	C0022832	C0022845						
 DRC 22  	70 violet			C2022354	C2022355				
 DRC 26  	70 violet					C2022366			









Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle with short cutting point										
 Easyslide 	70 violet					C2022305	C2022306			
 Easyslide 	90 violet						C2022516			
3/8 circle round bodied needle with trocar point										
 Easyslide 	70 violet		C0022343	C0022344						
 Easyslide 	70 violet			C0022354	C0022355					
 Easyslide 	70 violet					C0022365	C0022366			
 Easyslide 	70 violet						C0022376	C0022377	C0022378	
1/2 circle round bodied needle with trocar point										
 Easyslide 	70 violet	C0022310	C0022311							
 Easyslide 	70 violet	C0022322	C0022323	C0022324	C0022325	C0022326				
 Easyslide 	70 violet			C0022724	C0022725					
 Easyslide 	70 90 violet			C0022330 C0022430	C0022331 C0022431					
 Easyslide 	70 90 120 violet			C0022304	C0022305	C0022306 C0022255 C0022300	C0022307 C0022507	C0022308 C0022508		

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle with trocar point									
 2xHRT 26 Easyslide	70 violet			C0022404	C0022405				
 HRT 30 Easyslide	70 violet				C0022335	C0022336	C0022337	C0022338	
 2xHRT 30 Easyslide	70 violet				C0022440	C0022441			
 HRT 37 Easyslide	70 90 violet				C0022315	C0022316 C0022516	C0022317 C0022517	C0022318 C0022518	
 HRT 40 Easyslide	90 violet						C0022527	C0022528	
 HRT 48 Easyslide	90 150 violet						C0022332	C0022333 B0022334	
3/8 circle round bodied needle with blunt point									
 DRN 64 Easyslide	90 violet							B0022400	
1/2 circle round bodied needle with blunt point									
 HRN 35 Easyslide	70 violet					C0022283			










Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle with blunt point										
 HRN 45 <small>Easyslide</small>	90 violet									C0022438
 HRN 50 <small>Easyslide</small>	90 violet									C0022453
1/2 circle round bodied needle with protection point										
 HRB 26 <small>Easyslide</small> take off	8 x 45 violet				M0022871					
 HRB 37s <small>Easyslide</small>	90 violet						C0022707	C0022708		
 HRB 37s <small>Easyslide</small> take off	8 x 45 violet					M0022287	M0022890	M0022891		
 HRB 48 <small>Easyslide</small> take off	8 x 45 violet						M0022880	M0022881		
3/8 circle reverse cutting needle										
 DS 12 <small>Easyslide</small>	 70 undyed	C2023412	C2023413	C2023414						
	45	C0022102	C0022103	C0022104						
	70 violet	C0022109	C0022210							
	45 70 undyed	C0023102 C0023412	C0023103 C0023413	C0023414						































Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
3/8 circle reverse cutting needle										
 DS 16	 45 violet		C2022419							
	 45			C2023303						
	 70 undyed		C2023423	C2023424	C2023425					
	45 70 violet		C0022419	C0022420 C0022220	C0022421					
	45 70 undyed	C0023562	C0023563 C0023423	C0023303 C0023424	C0023425					
 DS 19	 45			C2022504						
	 70 violet			C2022204	C2022205					
	 45			C2023204	C2023205					
	 70 undyed		C2023403	C2023404	C2023405					
	45 70 90 120 violet		C0022503	C0022504 C0022204 C0022904 C0022081	C0022505 C0022205 C0022905 C0022264	C0022239				
	45 70 undyed	C0023503 C0023403	C0023204 C0023404	C0023205 C0023405	C0023506 C0023406					
	 DS 24	 70 violet			C2022214	C2022215	C2022216	C2022217		
		 45				C2023115				
		 70 undyed			C2023214	C2023215	C2023216			
		45 70 90 120 violet			C0022214	C0022115 C0022215 C0022225 C0022267	C0022216 C0022226 C0022286	C0022217 C0022251 C0022289		
45 70 90 undyed				C0023114 C0023214	C0023115 C0023215 C0023210	C0023116 C0023216	C0023181	C0023182		

Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
3/8 circle reverse cutting needle										
 DS 30	 70 violet						C2022231	C2022232	C2022233	
	 70 undyed						C2023436			
	70 90 120 violet						C0022231 C0022252 C0022291	C0022232 C0022349 C0022293	C0022233	
	45 70 undyed			C0023207	C0023435	C0023201 C0023436	C0023437			
										
 DS 39	70 undyed						C0023191			
										
1/2 circle reverse cutting needle										
 HS 18	70 90 120 violet			C0022234 C0022254 C0022295						
	 70 undyed		C0023263	C0023264						
 2xHS 18	30 undyed			C0023674						
										
 HS 23	 70 undyed				C2023225					
	 70 undyed			C0023224	C0023225	C0023226				
 HS 26	 70 90 violet					C2022236 C2022072	C2022237 C2022299			
	 70 undyed						C2023240			
	70 90 120 violet					C0022236 C0022072 C0022080	C0022237 C0022299 C0022074			
	 70 undyed					C0023239	C0023240			
										





Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle									
 HS 26s	70					C2022242	C2022243		
	90					C2022053			
	violet								
	70				C0022241	C0022242	C0022243		
 HS 30	90					C0022053	C0022052		
	120					C0022075	C0022082		
	violet								
	70							C0023230	
 HS 37	70					C2023236			
	undyed								
 HS 37s	70					C0023235	C0023236	C0023237	C0023238
	undyed								
	70					C2022247	C2022248	C2022249	
	violet					C0022247	C0022248	C0022249	
 HS 37ss	90					C0022461	C0022477	C0022478	
	120					C0022297	C0022108	C0022136	
	violet								
	70					C0023243	C0023244		
 HS 40	70								C0022256
	90								
	120								
 HS 48	violet								C0022309 B0022269 B0022298
	undyed						C0023247	C0023248	
 HS 48	90								B0022279
	undyed						C0023259	C0023258	

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Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
5/8 circle reverse cutting needle										
 Easyslide	70 undyed				C0023220					
Straight reverse cutting needle										
 Easyslide	45 undyed			C0023131						
 Easyslide	70 undyed			C0023279	C0023280	C0023281				
 Easyslide	70 undyed				C2023285					
	70 violet				C0022062					
	70 undyed			C0023284	C0023285	C0023286				
3/8 circle Trapezoidal micro engraved with precision point										
 Easyslide	45 undyed	C0023709	C0023705							
 Easyslide	45 undyed	C0023710	C0023706	C0023702						
 Easyslide	45 70 undyed		C0023707	C0023703		C0023711				
 Easyslide	45 70 undyed			C2023704	C2023712 C2023701					
	45 70 undyed		C0023708	C0023704 C0023012	C0023701					
 Easyslide	70 undyed				C2023717					
	70 undyed				C0023717					

Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
3/8 circle reverse cutting needle with precision point									
DSMP 7 	45 violet		C0022647	C0022648					
	 45 undyed		C0023647						
DSMP 11 	 45 undyed			C2023642	C2023643				
	 45 violet		C0022644	C0022601	C0022602				
	 45 undyed		C0023641	C0023642	C0023643				
DSMP 13 	 45 undyed				C2023603	C2023604			
	 45 violet		C0022608	C0022432	C0022433	C0022434			
	 45 undyed		C0023601	C0023602	C0023603	C0023604	C0023605		
DSMP 16 	 45 undyed				C2023613	C2023614			
	 70 undyed					C2023163			
	 45 violet				C0022563				
	 45 70 undyed				C0023613	C0023614			
	 45 undyed				C0023162	C0023163			
DSMP 19 	 45 undyed				C2023623	C2023624	C2023625		
	 70 undyed					C2023627	C2023628		
	 45 70 violet					C0022444	C0022141		
	 45 70 undyed				C0023623	C0023624	C0023625		
	 45 undyed					C0023627	C0023628		
DSMP 24 	 45 undyed					C2023634	C2023633		
	 70 undyed					C2023632	C2023635	C2023636	
	 70 violet						C0022685		
	 45 70 undyed					C0023634	C0023633	C0023637	
	 45 undyed					C0023632	C0023635	C0023636	
DSMP 24s 	 70 undyed						C0023638		

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Needle	Thread	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
1/2 circle reverse cutting needle with precision point									
 HSMP 9 	45 undyed			C0023651		C0023608			
 HSMP 15 	45 undyed					C0023615			

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
Pre-cut sutures									
3 threads of 45 cm	3 x 45 violet		C0020003	C0020004	C0020005	C0020006	C0020007	C0020008	
6 threads of 45 cm	6 x 45 violet			C0020014	C0020015	C0020016	B0020017	B0020018	
5 threads of 70 cm	5 x 70 violet			C0020024	C0020025	C0020026	C0020027	B0020028	
1 thread of 140 cm	1 x 140 violet				C0020035	C0020036	C0020037	C0020038	
6 threads of 45 cm	6 x 45 undyed					C0023811			
Ligature reels									
1 thread of 250 cm	1 x 250 violet					G0020046	G0020047	G0020048	
1 thread of 250 cm	1 x 250 undyed					G0021246	G0021247		

MonoPlus®

Absorbable Sutures

DESCRIPTION

MonoPlus® is a violet long-term absorbable synthetic monofilament suture made of polydioxanone. Because of its slow degradation profile, MonoPlus® is ideal for all the indications where an extended wound support of more than 4 weeks is desirable.



MonoPlus®































Product overview

Polydioxanone, monofilament, uncoated



























Colour	Violet
Origin	Synthetic
Sizes	USP 7/0 (metric 0.5) to USP 2 (metric 5)
Type of absorption	By hydrolysis
Mass absorption	from 180 up to 210 days
Sterilisation	Ethylene oxide


























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










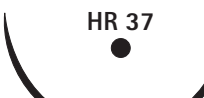

Needle length mm	Thread length cm colour	USP (metric)								
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	
3/8 circle round bodied needle										
 2xDR 6 	45 violet	C0024174								
 2xDR 8 	45 violet		C0024714							
 DR 10 	45 70 violet	C0024981 C0024501								
 DR 10b 	70 violet	C0024010								
 2xDR 10 	45 70 violet	C0024801	C0024982 C0024802							
 DR 12 	45 70 violet	C0024911	C0024512	C0024513	C0024514					
 2xDR 12 	70 violet		C0024812	C0024813	C0024814					
 DR 13b 	70 violet			C0024008						
 2xDR 13b 	70 violet			C0024224						
 DR 15 	70 violet			C0024523	C0024524	C0024525				
 2xDR 15 	70 violet			C0024823	C0024824	C0024825				
 DR 18 	70 violet		C0024532	C0024533	C0024534	C0024528				
 DR 18 	40 violet	loop				C0024529				
 2xDR 18 	70 violet			C0024833	C0024834					
 DR 22 	70 violet				C0024537	C0024527				

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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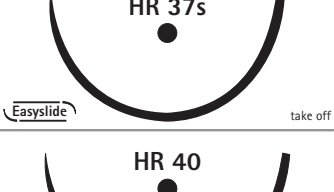

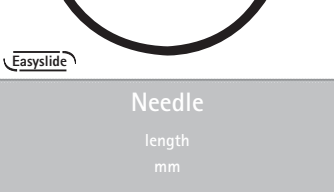



Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle round bodied needle									
 2xDR 22 	70 violet				C0024837				
 DR 26 	70 violet						C0024989		
1/2 circle round bodied needle									
 2xHR 6 	70 violet	C0024005							
 2xHR 10 	70 violet		C0024843						
 2xHR 13ff 	70 violet		C0024846	C0024847					
 HR 13 	45 70 4 x 70 violet		C0024902 C0024002	C0024903 C0024003 C0024807	C0024904 C0024004				
 HR 13b 	70 violet		C0024162	C0024163					
 2xHR 13 	70 violet		C0024602	C0024603					
 HR 13ss 	70 violet					C0024205	C0024206	C0024207	
 HR 17 	45 70 90 violet		C0024012	C0024013	C0024889 C0024014 C0024424	C0024015			
 HR 17b 	70 4 x 70 violet			C0024515 C0024516	C0024521				
 HR 17 	take off 4 x 70 violet			C0024009					






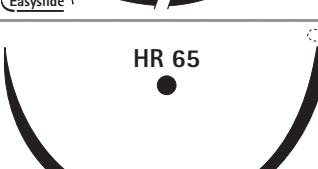
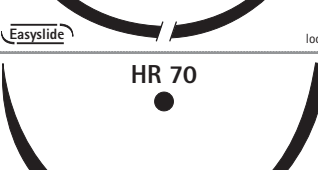
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Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle									
 2xHR 17 	70			C0024613	C0024614				
	90 violet			C0024443	C0024444				
 HR 17s 	70 violet					C0024129	C0024131	C0024132	
 HR 20 	70 violet				C0024679	C0024680			
 HR 22  	70 violet				C2024134	C2024135			
	70 4 x 70 violet			C0024133	C0024134 C0024707	C0024135	C0024136		
 HR 22b  	70 violet				C2024522				
	70 4 x 70 violet				C0024522	C0024530			
 HR 22 	4 x 45 8 x 45 4 x 70 violet				C0024764 M0024381 C0024708	C0024765 M0024684			
 2xHR 22 	70 90 violet				C0024634 C0024238	C0024635 C0024239			
 2xHR 22b 	75 violet				C0024531				
 HR 22s 	70 violet					C0024145	C0024146	C0024147	
 2xHR 22s 	70 violet						C0024164		
 HR 26  	70 violet				C2024024	C2024025	C2024026	C2024027	
	70 90 violet			C0024433	C0024024 C0024434	C0024025 C0024435	C0024026 C0024436	C0024027	

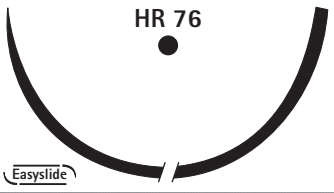









Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle									
 HR 26b 	70 violet					C2024548			
	4 x 45 70 violet				C0024547	C0024548	C0024551		
 HR 26  take off	4 x 45				C0024774	C0024775	C0024776		
	8 x 45				M0024869	M0024698	M0024871		
	4 x 70				C0024724	C0024725	B0024726		
	8 x 70 violet				M0024961	M0024962			
 2xHR 26 	30				C0024199				
	70				C0024624	C0024625	C0024626		
	90				C0024437	C0024438	C0024441		
	120 violet					C0024620			
 HR 26s  take off	70 violet						C2024086	C2024087	C2024088
	70					C0024085	C0024086	C0024087	C0024088
	90						C0024143		C0024080
	violet								
 HR 30  take off	70 violet				C2024034	C2024035	C2024036	C2024037	
	70				C0024034	C0024035	C0024036	C0024037	C0024038
	90				C0024439	C0024440			
	violet								
 HR 30  loop	150 violet						C0024968		
 2xHR 30 	90 violet					C0024945			
 HR 37 	70 90 violet						C2024046	C2024447	
	70 90 violet				C0024044	C0024045	C0024046		























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Needle length mm	Thread length cm colour	USP (metric)								
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	
1/2 circle round bodied needle										
 2xHR 37	70				C0024644					
	90 violet					C0024639		C0024646		
 HR 37s	70							C2024056	C2024057	C2024058
	90 violet							C2024452	C2024453	C2024454
 HR 37s	70					C0024055	C0024056	C0024057	C0024058	
	90 violet					C0024450		C0024452	C0024453	C0024454
 HR 37s	4 x 45								B0024925	
	8 x 45 violet						M0024948	M0024949	M0024950	
 HR 40	70									
	90 violet					C0024040				C0024458
 HR 40s	70									C2024068
	90 violet								C2024467	C2024468
 HR 40s	70									
	90 violet						C0024066	C0024067	C0024068	
 HR 40s	150									
	150 violet						B0024567	B0024568		




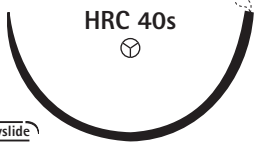
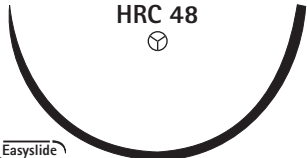
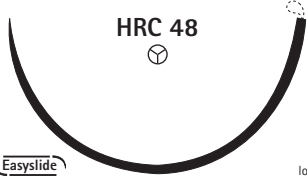


Needle length mm	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
1/2 circle round bodied needle									
 HR 43s Easyslide	90 violet					C0024401	C0024402		
 HR 48 RF Easyslide	90 violet						C2024078		
	70 90 150 violet				C0024063	B0024077 B0024089	C0024078	B0024079	
 HR 48 Easyslide take off	4 x 45 8 x 45 violet					M0024759	B0024918 M0024760		
 HR 48 Easyslide loop	150 180 240 violet					B0024090	B0024091 B0024397 B0024398		
 HR 65 Easyslide loop	140 violet						B0024500		
 HR 65 Easyslide loop	120 150 240 250 violet					B0024094	B0024339 B0024130 B0024107 B0024100		
 HR 70 Easyslide loop	70 violet						B0024858		





















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Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle round bodied needle										
 HR 76 <small>Easyslide</small>	70 violet							B0024099		
 HR 76 <small>Easyslide</small> loop	150 violet							B0024098		
5/8 circle round bodied needle										
 FR 26 <small>Easyslide</small>	70 violet			C0024571		C0024092	C0024111			
 2xFR 26 <small>Easyslide</small>	70 90 violet			C0024835	C0024836 C0024936	C0024937				
 FR 26s <small>Easyslide</small>	70 violet						C0024110			
 2xFR 36 <small>Easyslide</small>	90 violet				C0024780					
Straight round bodied needle										
 GR 19 <small>Easyslide</small>	30 120 violet		C0024247	C0024245 C0024253						
 GR 19b <small>Easyblack</small>	20 violet		C0024573							
 GR 19 <small>Easyslide</small> loop	40 violet		C0024240	C0024241						
 2xGR 19 <small>Easyslide</small>	45 violet		C0024984	C0024985						

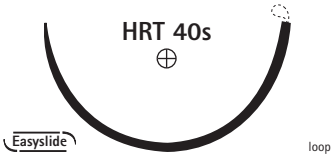



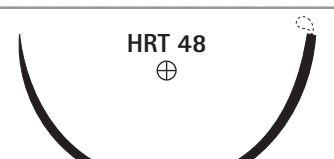
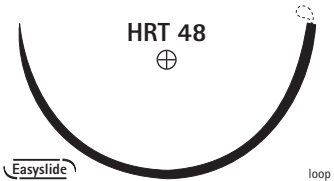
Needle length mm	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
Straight round bodied needle									
 2xGR 65 	70 violet			C0024895	C0024896	C0024897	C0024898		
Hook round bodied needle									
 JR 30s 	120 violet				C0024169	C0024170			
 JR 36ss 	70 violet				C0024126				
Ski Needle round bodied needle									
 SKR 26 	30 120 violet		C0024651 C0024649	C0024661	C0024664				
 SKR 26b 	20 violet			C0024572					
 SKR 26 	40 violet		C0024650	C0024606					
Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle round bodied needle with short cutting point									
 2xDRC 8 	70 violet	C0024213							
 DRC 10 	70 violet	C0024221	C0024222						
 2xDRC 10 	70 violet	C0024721	C0024722						
 DRC 12 	70 violet		C0024232	C0024233					
 2xDRC 12 	70 violet		C0024732	C0024733					

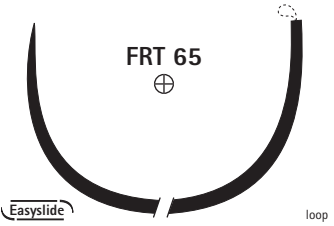





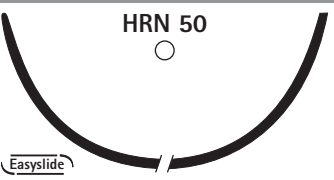
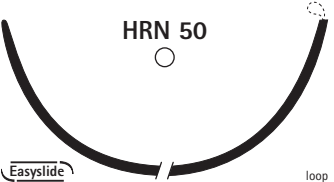
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Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle round bodied needle with short cutting point									
 DRC 18 Easyslide	70 violet			C0024243					
1/2 circle round bodied needle with short cutting point									
 2xHRC 17 Easyslide	90 violet				C0024011				
 HRC 26 Easyslide	70 violet					C2024305	C2024306		
	70 violet				C0024498				
 HRC 40s Easyslide	150 violet								B0024739
 HRC 48 Easyslide	90 violet								C0024261
 HRC 48 Easyslide	150 200 violet							B0024749	B0024750 B0024278
Progressive curved round bodied needle with short cutting point									
 PRC 24 Easyslide	120 violet						C0024850		
Hook round bodied needle with short cutting point									
 JRC 30s Easyslide	70 violet							C0024168	C0024928











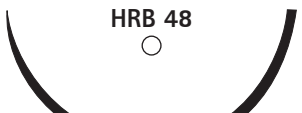

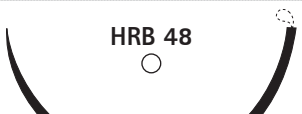





Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle with trocar point									
 HRT 13 	70 violet				C0024282				
 HRT 17 	70 violet			C0024283	C0024284	C0024285	C0024286		
 HRT 22 	70 violet				C0024294	C0024295			
 HRT 26 	70 violet				C0024304	C0024305	C0024306	C0024307	
 2xHRT 26 	70 90 violet					C0024605 C0024601			
 HRT 30 	70 violet						C0024311		
 HRT 37 	70 90 violet						C0024316	C0024517	C0024518
 HRT 37s 	70 90 violet						C0024321	C0024322	C0024818 C0024323
 HRT 40 	90 violet							C0024543	
 HRT 40s 	90 violet							C0024545	C0024546












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Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle with trocar point									
 HRT 40s ⊕ loop	150 violet							B0024342	B0024343
 HRT 43s ⊕ loop	90 violet							C0024352	C0024353
 HRT 43s ⊕ loop	150 violet								B0024347
 HRT 48 ⊕ loop	90 violet							C0024332	C0024333
 HRT 48 ⊕ loop	150 violet							B0024394	B0024393
Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
 HRT 48 ⊕ loop	150 180 200 violet							B0024396 B0024392	B0024391



















Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
5/8 circle round bodied needle with trocar point									
	150 violet						B0024096	B0024390	
1/2 circle round bodied needle with blunt point									
	70 violet				C0024050				
	90 violet						C0024404		
	8 x 45 violet						M0024052		
	90 violet						G0024409		
	90 violet							C0024406	
	90 violet							C0024408	
	150 violet						B0024357	B0024358	

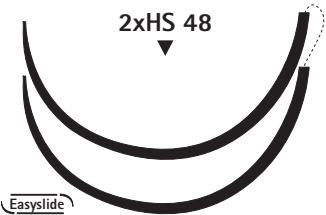









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Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle with protection point										
 HRB 26  take off	8 x 45 violet				M0024796					
 HRB 37s 	90 violet						C0024462			
 HRB 37s  take off	8 x 45 violet					M0024864	M0024865	M0024866		
 HRB 40s  take off	8 x 45 violet						M0024556	M0024557		
 HRB 48 	90 violet						C0024881	C0024877		
 HRB 48  take off	8 x 45 violet						M0024875	M0024876		
 HRB 48  loop	150 violet						B0024790	B0024878		
 HRB 65 	90 violet						B0024235			
3/8 circle reverse cutting needle										
 DS 12 	45 violet			C0024193						

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
3/8 circle reverse cutting needle									
Easyslide DS 16 	45			C0024906					
	70 violet		C0024535	C0024539					
Easyslide DS 19 	45				C2024102				
	70 violet			C2024536					
Easyslide DS 24 	45		C0024081	C0024909	C0024102				
	70 violet		C0024175	C0024536	C0024519				
Easyslide DS 30 	70				C2024520	C2024990			
	45 violet				C0024101				
Easyslide DS 39 	70			C0024541	C0024520	C0024990			
	45 violet								
Easyslide DS 39 	70				C0024991	C0024992	C0024598		
	45 violet								
Easyslide 2xDS 39 	90							C0024538	
	45 violet						C0024976		
1/2 circle reverse cutting needle									
Easyslide HS 15 	70		C0024179						
	45 violet								
Easyslide HS 18 	70			C0024730					
	45 violet								
Easyslide HS 23 	70				C0024190	C0024180			
	45 violet								
Easyslide HS 23ss 	70							C0024108	
	45 violet								

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Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle									
 HS 26s  	70 violet					C2024186	C2024187		
	70					C0024185	C0024186	C0024187	C0024188
	90					C0024019	C0024017	C0024018	
	120 violet					C0024023	C0024028	C0024021	
 HS 30 	70 violet					C0024184	C0024195		
 HS 37 	90 violet					C0024104	C0024105	C0024106	
 HS 37s 	70					C0024156	C0024157	C0024158	
	90					C0024114	C0024115	C0024116	
	120						C0024022	C0024031	
	violet								
 HS 40 	90 violet						C0024117	C0024118	B0024119
 HS 40s 	70								C0024560
	90 violet					C0024121	C0024122		
 HS 40s  	150 violet					C0024966			
 HS 48 	70							C0024202	
	90 violet						C0024127	C0024128	

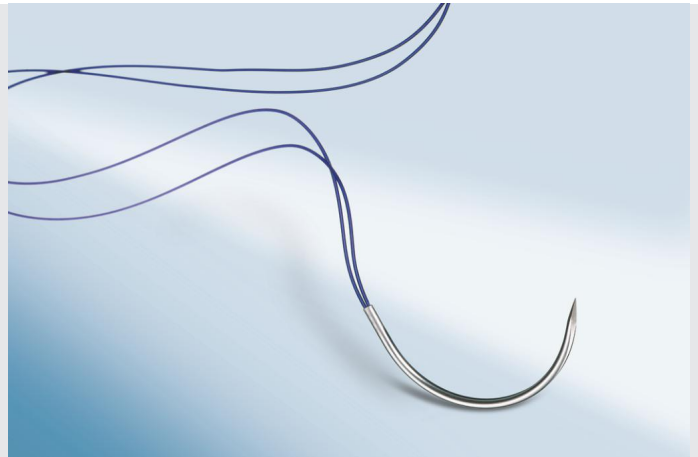
Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle									
 2xHS 48 Easyslide	90 violet								C0024630
Straight reverse cutting needle									
 2xGS 45 Easyslide	45 violet			C0024994	C0024995				
 GS 60 Easyslide	70 violet			C0024540	C0024189	B0024987			
 2xGS 60 Easyslide	70 violet				C0024861				
3/8 circle reverse cutting needle with precision point									
 DSMP 11 Easyslide	45 violet	C0024176	C0024177						
 DSMP 13 Easyslide	45 violet	C0024407	C0024916	C0024908					
 DSMP 16 Easyslide	45 violet		C0024194	C0024970					
 DSMP 19 Easyslide	45 70 violet		C0024901	C0024907	C0024109 C0024151	C0024965			
 DSMP 24 Easyslide	45 70 violet			C0024910 C0024983	C0024103 C0024986	C0024112 C0024988			
1/2 circle reverse cutting needle with precision point									
 HSMP 15 Easyslide	45 violet			C0024921					

Monomax[®]

Absorbable Sutures

DESCRIPTION

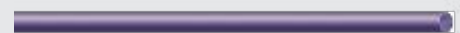
Monomax[®] is an extra long-term absorbable monofilament synthetic suture made of poly-4-hydroxybutyrate. Monomax[®] degrades by hydrolysis and enzymatic reaction.



Monomax[®]























Product overview








Poly-4 hydroxybutyrate, monofilament, uncoated






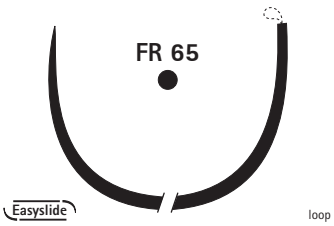
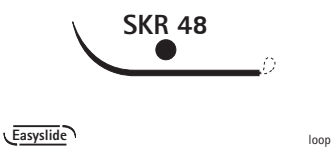
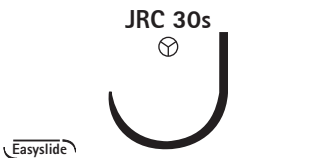

Colour	Violet
Origin	Synthetic
Sizes	USP 2/0 (metric 3) to USP 1 (metric 4)
Type of absorption	By hydrolysis and enzymatic reaction
Sterilisation	Ethylene oxide

Monomax[®]



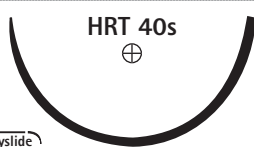
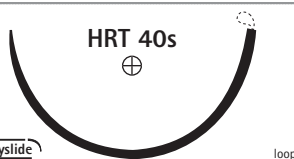
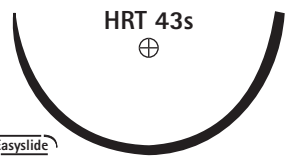

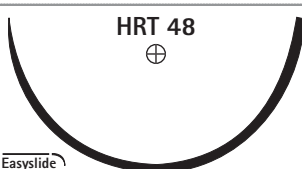
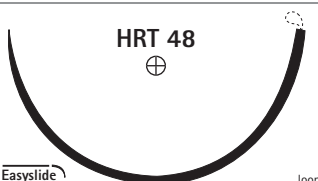
Needle length mm	Thread length cm colour	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
1/2 circle round bodied needle									
 HR 20 	90 violet			B0041037					
 HR 22 	70 violet			B0041415	B0041416				
 HR 22s 	70 violet				B0041033				
 HR 26 	70 90 150 violet			B0041249 B0041258 B0041444	B0041250 B0041441				
 HR 26s 	70 150 violet				B0041002 B0041442				
 HR 30 	70 90 150 violet			B0041267 B0041278 B0041453	B0041455	B0041269 B0041280			
 HR 37 	70 90 150 violet			B0041015 B0041044	B0041024	B0041025			
 HR 37  loop	150 violet				B0041038				
 HR 37s 	70 90 150 violet			B0041034 B0041042	B0041035 B0041046 B0041043	B0041036 B0041047			
 HR 40 	70 90 violet			B0041057	B0041066	B0041067			
 HR 40s 	70 90 violet			B0041086	B0041087 B0041097	B0041088 B0041098			

Needle length mm	Thread length cm colour	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
1/2 circle round bodied needle									
 <p>HR 40s</p> <p>Easyslide</p> <p>loop</p>	150 violet				B0041076	B0041077			
 <p>HR 43</p> <p>Easyslide</p>	70 violet				B0041298				
 <p>HR 43</p> <p>Easyslide</p> <p>loop</p>	150 violet					B0041307			
 <p>HR 43s</p> <p>Easyslide</p>	90 violet				B0041107	B0041108			
 <p>HR 48</p> <p>Easyslide</p>	70 90 violet			B0041128	B0041137	B0041138			
 <p>HR 48</p> <p>Easyslide</p> <p>loop</p>	150 200 violet			B0041117	B0041118	B0041119 B0041325			
 <p>HR 65</p> <p>Easyslide</p>	90 violet					B0041003			
 <p>HR 65</p> <p>Easyslide</p> <p>loop</p>	150 violet				B0041147	B0041148			

Monomax®

Needle length mm	Thread length cm colour	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
1/2 circle round bodied needle									
 <p>HR 76</p>	150 violet					B0041157			
5/8 circle round bodied needle									
 <p>FR 26</p>	70 violet			B0041887	B0041888	B0041889			
 <p>FR 40</p>	70 90 violet					B0041571 B0041573			
 <p>FR 65</p>	150 violet					B0041001			
Ski Needle round bodied needle									
 <p>SKR 48</p>	70 violet					B0041004			
Hook round bodied needle with short cutting point									
 <p>JRC 30s</p>	70 violet					B0041560			
1/2 circle round bodied needle with trocar point									
 <p>HRT 26</p>	70 150 violet			B0041175 B0041463	B0041176				

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
1/2 circle round bodied needle with trocar point									
 HRT 30 Easyslide	150 violet			B0041472					
 HRT 40 Easyslide	70 90 violet				B0041352	B0041344			
 HRT 40s Easyslide	90 violet					B0041194			
 HRT 40s Easyslide loop	150 violet				B0041184	B0041185			
 HRT 43s Easyslide	90 violet					B0041212			
 HRT 43s Easyslide loop	150 violet					B0041203			
 HRT 48 Easyslide	90 violet				B0041240	B0041241			
 HRT 48 Easyslide loop	120 150 violet				B0041221	B0041310 B0041222			

NON-ABSORBABLE SUTURES

Optilene®

PremiCron®

Dafilon®

Supramid

Dagrofil®

Silkam®

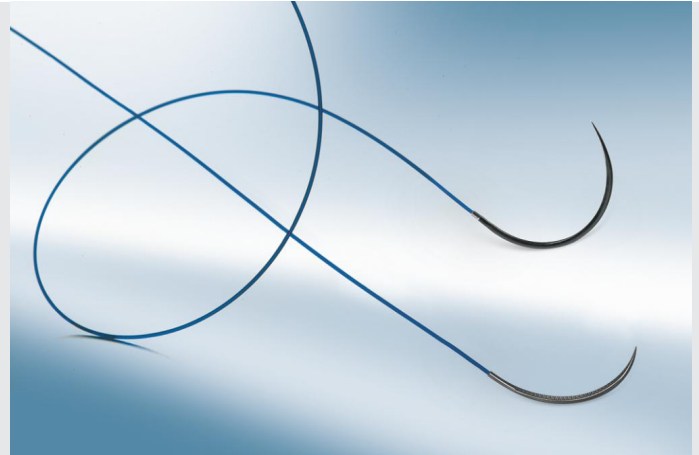
Steelex®

Optilene®

Non-absorbable sutures

DESCRIPTION

Optilene® is a sterile non-absorbable monofilament surgical suture made of polypropylene and polyethylene. Available in blue for a better visibility. Optilene® is offered with RacePack® and LongPack® packaging presentations to reduce the memory effect. Other special presentations, including PremiPatch® PTFE pledgets, are also available.



Optilene®

Product overview

Polypropylene and polyethylene, monofilament, uncoated

Colour	Blue
Origin	Synthetic
Sizes	USP 10/0 (0.2 metric) to USP 2 (5 metric)
Types of degradation	Non-absorbable
Sterilisation	Ethylene oxide






Optilene®

Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
3/8 circle round bodied needle								
 new DR 6 	 45 blue	C3097110						
2xDR 6 	 45 60 75 blue	C3097880 C3097712 C3097980	C3097015 C3097286	C3098110				
	 new  2 x 45 2 x 60 blue	G3097841 G3097357						
 new 2xDR 6b 	 45 60 75 blue	C3097857 C3097835 C3097834						
3/8 circle round bodied needle								
 DR 6 	 45 blue	C3090110						
2xDR 6 	 45 60 75 blue	C3090880 C3090712 C3090980	C3095015 C3095286	C3095110				
	  2 x 45 2 x 60 blue	G3095841 G3090357						
 2xDR 6b 	 45 60 75 blue	C3095857 C3095835 C3095834						
 2xDR 6 	 45 60 blue	C3095669	C3095014					
 2xDR 6b 	 60 blue	C3096024						
3/8 circle round bodied needle								
2xDR 8f 	 45 60 blue	C3097107 C3097105	C3097079 C3097088					
	 new  2 x 45 2 x 60 2 x 75 blue	G3097118 G3097121 G3097130	G3097124 G3097127 G3097130					

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
3/8 circle round bodied needle								
2xDR 8fb 		45	C3097824	C3097826				
		60	C3097829	C3097832				
 new		blue						
3/8 circle round bodied needle								
2xDR 8f 		45	C3090107	C3090079				
		60	C3090105	C3090088				
		2 x 45	G3090118	G3090124				
		2 x 60	G3090121	G3090127				
		2 x 75		G3090130				
		blue						
2xDR 8fb 		45	C3095824	C3095826				
		60	C3095829	C3095832				
		blue						
3/8 circle round bodied needle								
2xDR 8 		12		C3097870				
		45	C3097703	C3097685	C3097686	C3097684		
		60	C3097887	C3097888	C3097889			
		75	C3097004	C3097885	C3097886			
		2 x 45	G3097361	G3097362	G3097399			
		2 x 60	G3097363	G3097364				
new		75		G3097089				
		2 x 75	G3097892	G3097080				
		blue						
2xDR 8b 		45	C3097805					
		60	C3097817	C3097819	C3097821			
		75	C3097822	C3097823	C3097599			
new		blue						
3/8 circle round bodied needle								
2xDR 8 		12		C3095870				
		45	C3090703	C3090685	C3090686	C3090684		
		60	C3090887	C3090888	C3090889			
		75	C3090004	C3090885	C3090886			
		2 x 45	G3090361	G3090362	G3090399			
		2 x 60	G3090363	G3090364				
		75		G3090089				
		2 x 75	G3090892	G3095080				
		blue						



















Optilene®

Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
3/8 circle round bodied needle								
2xDR 8b  	 blue	45	C3095805					
		60	C3095817	C3095819	C3095821			
		75	C3095822	C3095823	C3090599			
3/8 circle round bodied needle								
DR 10f   new	 blue	75		C3097084				
2xDR 10f   new	 blue	45	C3097126	C3097134	C3097565			
		60	C3097128	C3097135	C3097477			
		75	C3097131	C3097136	C3097430			
		90			C3097576			
 blue	 blue	2 x 45		G3097218				
		2 x 60		G3097485	G3097801			
		2 x 75	G3097216	G3097429				
2xDR 10fb   new	 blue	60		C3097764				
		75		C3097838				
3/8 circle round bodied needle								
DR 10f  	 blue	75		C3095084				
2xDR 10f  	 blue	45	C3090126	C3090134	C3095565			
		60	C3090128	C3090135	C3095477			
		75	C3090131	C3090136	C3095430			
		90			C3095576			
 blue	 blue	2 x 45		G3090218				
		2 x 60		G3095485	G3095801			
		2 x 75	G3090216	G3095429				
2xDR 10fb  	 blue	60		C3095764				
		75		C3095838				
3/8 circle round bodied needle								
DR 10   new	 blue	75		C3097541	C3097542			


















C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	
3/8 circle round bodied needle									
		45		C3097614	C3097615				
		60		C3097714	C3097715	C3097522			
		75		C3097914	C3097915	C3097913			
		90		C3097799	C3097815				
		blue							
			75			C3097306			
			2 x 45			G3097636			
			4 x 45		G3097369				
			2 x 60		G3097611	G3097613			
			4 x 60		G3097371				
		2 x 75		G3097810	G3097811				
		4 x 75		G3097373					
		blue							
3/8 circle round bodied needle									
		45		C3097164					
		60		C3097062	C3097816				
		75		C3097812	C3097843				
		90							
		blue							
				75			C3095306		
				2 x 45			G3090636		
			4 x 45		G3090369				
			2 x 60		G3090611	G3090613			
			4 x 60		G3090371				
			2 x 75		G3095810	G3095811			
			4 x 75		G3090373				
		blue							
		45		C3090164					
		60		C3090062	C3095816				
		75		C3095812	C3095843				
		60		C3096262					
		75			C3095679				
		blue							
									

































Optilene®

Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
3/8 circle round bodied needle								
 2xDR 10b 		60		C3096131				
		blue						
3/8 circle round bodied needle								
 DR 13 		75			C3098930	C3097931		
		45		C3098885	C3098886	C3098887		
		60		C3097894	C3097895	C3097896		
		75		C3097905	C3097906	C3097907		
		90			C3097938	C3097939		
 2xDR 13 	 	75				C3098173		
		2 x 45			G3097957			
		2 x 60			G3097970			
		4 x 60			G3097571			
		75			G3097472			
 new		2 x 75			G3097979	G3098980		
		4 x 75			G3097582			
 2xDR 13b 		60			C3097926	C3097609		
		75			C3097191	C3097547		
		90			C3097839	C3097840		
		blue						
3/8 circle round bodied needle								
 DR 13 		75			C3095930	C3095931	C3095932	
		blue						

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	
3/8 circle round bodied needle									
 2xDR 13	  Pledgets 6x3mm Firm	45		C3095885	C3095886	C3095887			
		60		C3095894	C3095895	C3095896			
		75		C3095905	C3095906	C3095907	C3095908		
		90			C3095938	C3095939	C3095940		
		blue							
	 Long pack	75				C3096173			
		2 x 45				G3095957			
		2 x 60				G3095970			
		4 x 60				G3095571			
		75				G3095472			
2 x 75				G3095979	G3095980				
4 x 75				G3095582					
blue									
 CV Pass	 RF	60			C3095926	C3095609			
		75			C3090191	C3090547			
		90			C3095839	C3095840			
		120					C3095997		
blue									
 EasySlide	 RF	75			C3095667	C3095687			
		90				C3095661			
		blue							
3/8 circle round bodied needle									
 2xDR 13s	 RF	45			C3097036				
		60			C3097032				
		75			C3097026				
	blue								
	 Long pack	2 x 60			G3097012				
2 x 75					G3098011				
 CV Pass new	blue								
 2xDR 13s	 RF	45			C3095036				
		60			C3095032	C3095033			
		75			C3095026	C3095027			
		90				C3095021			
	blue								
 Long pack	2 x 60			G3095012		G3095016			
	2 x 75				G3095011				
	2 x 90					G3095009			
blue									
 CV Pass	 RF	90				C3090716	C3090717		
		blue							

Optilene®

Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	
3/8 circle round bodied needle									
 		45							
		75 blue				C3090119	C3096031 C3090120	C3095057	
		60							
		75				C3095918		C3095920	
		90 120 blue				C3090719 C3090919	C3090720 C3090920	C3095921	C3095092
 		4 x 75							
		2 x 90 blue				G3090394 G3095659	G3090659		
 		90							
		120 blue				C3095242	C3095656		
 		90							
		blue					C3095683		
 		60							
		blue					C3096154		
 		75							
		90				C3090821	C3090722 C3090822	C3090723 C3090823	C3090721 C3090824
		120					C3095112 C3096130	C3095420	C3095114
		75 blue							
 		90							
		blue						C3096153	
 		75							
		blue							C3090132
 		75							
		blue						C3090724	C3090725
3/8 circle round bodied needle									
 		75							
		blue						C3090082	C3090083

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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

















Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
1/2 circle round bodied needle								
 new HR 6 	 30 blue		C3097603	C3097604				
 new 2xHR 6 	 45 blue		C3097803	G3097804				
	 60 blue	G3097016						
1/2 circle round bodied needle								
 HR 6 	 30 blue		C3090603	C3090604				
 2xHR 6 	 45 blue		C3090803	G3090804				
	 60 blue	G3090016						
1/2 circle round bodied needle								
 new 2xHR 8 	 60 75 blue	C3097388		C3097865				
	 2 x 60 blue			G3098865	G3097866			
	 60 75 blue	C3095388		C3090865				
	 2 x 60 blue			G3095865	G3095866			
1/2 circle round bodied needle								
 new HR 10f 	 75 blue			C3097861				
 new 2xHR 10f 	 2 x 75 blue			G3097858				
1/2 circle round bodied needle								
 HR 10f 	 75 blue			C3095861				
 2xHR 10f 	 2 x 75 blue			G3095858				
	 60 blue			C3096015	C3096014			

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Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
1/2 circle round bodied needle								
 new HR 10 	 75 blue		C3097401	C3097402				
 new 2xHR 10 	 60 75 blue		C3097488 C3097867	C3097868				
	 2 x 75 blue			G3097878				
 new 2xHR 10b 	 75 blue			C3097007				
1/2 circle round bodied needle								
 HR 10 	 75 blue		C3090401	C3090402				
 2xHR 10 	 60 75 blue		C3090488 C3090867	C3090868	C3090866 C3090869			
	  Pledgets 3x3mm Firm	60 blue				C3095950		
	 2 x 60 2 x 75 blue				G3095878	G3090770		
 2xHR 10b 	 75 blue			C3096007				
1/2 circle round bodied needle								
 new 2xHR 13ff 	 75 blue			C3097341	C3097346			
	  Pledgets 3x3mm Soft	75 blue				C3097006		
	 75 blue			C3095341	C3095346			
	  Pledgets 3x3mm Soft	75 blue				C3096006		

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	
1/2 circle round bodied needle									
		75 90 120 blue			C3090898	C3090501 C3090901	C3090503 C3090902 C3090904	C3090502 C3090903	C3090900
	  Pledgets 6x3mm Firm	90 blue					C3090837		
	  Pledgets 6x3mm Soft	90 blue					C3095327		
		2 x 75 2 x 90 4 x 90 blue				G3090642 G3095868	G3090194	G3095183 G3090644	
									
		75 90 120 blue				C3095460 C3095492	C3095461 C3095493	C3095494 C3095994	
									
		90 blue				C3095660	C3095643		
									
		90 120 blue			C3096157	C3096156	C3090729		C3096155
									
		90 blue				C3090223	C3090338	C3090426	
									
		75 90 blue					C3095503 C3095526		
									
		75 90 120 blue					C3096009 C3096010 C3096029	C3096011 C3096008 C3096027	C3096019 C3096018 C3096025
	  Pledgets 6x3mm Firm	90 blue					C3096114		
									
		60 75 blue					C3090029	C3095720 C3090030	
									

C Box of 36 units






























B Box of 24 units

G Box of 12 units


















M Box of 6 units

Needle length mm	Thread length cm colour	USP (metric)								
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)		
1/2 circle round bodied needle										
 2xHR 22		60				C3090084				
		75					C3090863	C3090860	C3090086	
		90					C3090975	C3090976	C3090977	C3090978
		120						C3090876		
		blue								
 2xHR 22b		 Pledgets 6x3mm Firm	90				C3090979			
			blue							
			 2xHR 22s		 Pledgets 6x3mm Soft	90				C3095336
blue										
 2xHR 26ffb	 Long pack	2 x 75					G3095616			
		2 x 90						G3095620		
 2xHR 26f		75					C3095508	C3095513		
		90					C3095512			
 2xHR 26f		90				C3096035				
		blue								
 2xHR 26f		90					C3095541			
		blue								
 2xHR 26f		75					C3096004	C3096003	C3096021	
		90					C3095611	C3096017	C3096020	
		120					C3096030	C3096028	C3096026	
		blue								
 2xHR 26fb		 Pledgets 6x3mm Firm	90				C3096910			
			blue							
 2xHR 26fb		90					C3095606	C3095596		
		blue								
 HR 26		75				C3090039	C3090040	C3090041	C3090042	
		blue								




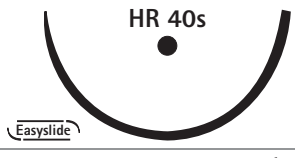


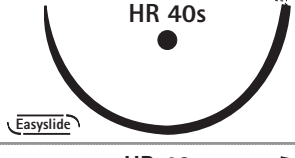

















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Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle								
 		75					C3090043	
		90		C3090140				
		120 blue				C3090444	C3095712	
 		75	C3090906	C3090707	C3090708	C3090087		
		90	C3090905	C3090907	C3090908	C3090909		
		120 blue		C3095709	C3090709	C3095710		
 	  Pledgets 6x3mm Firm	90		C3090910	C3090838			
		  Pledgets 6x3mm Soft	90		C3095347			
		2 x 90 blue		G3090633	G3090631			
 		75		C3095721		C3095723		
		90 blue		C3095557	C3095558			
 		2 x 90 blue		G3095993				
		90		C3095647		C3095635		
 		120 blue						
		75			C3095722			
		90 blue		C3095688				
 		75			C3090015	C3095442	C3095443	C3095452
		90 blue						C3095458
		120 blue			C3090959	C3090956		
		75				C3090032	C3095444	
		90 blue						C3090449




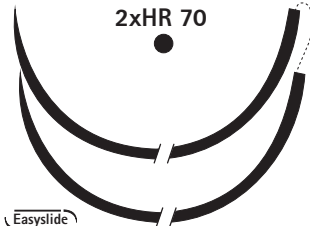




















C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle									
 HR 30 EasySlide		45							
		75			C3090046	C3090069			
		90				C3090047	C3090048	C3090049	
		120				C3095927	C3090477		
		blue			C3090144				
 2xHR 30 EasySlide		90							
		120			C3090001	C3090002			
		blue			C3090462				
 HR 30s EasySlide		75					C3090092	C3090093	
		100					C3090096		
		blue							
 HR 30ss EasySlide		75					C3090094		
		blue							
 HR 37 EasySlide		75							
		90			C3090050	C3090051	C3090052	C3090053	
		blue				C3095789			
 2xHR 37 EasySlide		90							
		120			C3090942	C3090943	C3095054		
	blue			C3090981	C3090973				
			2 x 90			G3095727			
		blue							
 HR 37s EasySlide		75							
		120			C3090150	C3090151	C3090152	C3090153	C3095340
		blue				C3090154			
 2xHR 37s EasySlide		90							
		120			C3090982				
		blue			C3090971	C3090972			

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Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle								
 HR 40 	 75 100 blue					C3090021 C3090099	C3090100	
 HR 40s 	 75 90 100 blue				C3090033	C3090199 C3090317	C3090200 C3090300	C3090478
 HR 40s 	 150 blue						B3090331	
 HR 40ss 	 100 blue					C3090106		
 HR 48 	 75 75 120 150 blue					C3095445	C3090170 C3095146 B3090333	C3096022
 HR 48 	 150 blue						B3095081	
 2xHR 48 	 120 blue					G3090932		
 HR 65 	 120 150 blue						B3090485 B3095584	B3095585

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle								
 <p>HR 65</p>	 	100 240 blue						B3095578 B3095674
 <p>2xHR 70</p>	 	75 blue						B3090841
5/8 circle round bodied needle								
 <p>FR 26</p>	 	75 blue				C3095360	C3090066	
5/8 circle round bodied needle								
 <p>FR 36</p>	 	90 blue						C3095484
Progressive curved round bodied needle								
 <p>PR 24</p>	  loop	30 blue			C3090243			
Straight round bodied needle								
 <p>GR 19</p>	 	45 blue	C3090466					
 <p>2xGR 19</p>	 	30 blue		C3090776				
 <p>2xGR 65</p>	 	75 blue				C3095350	C3095351	

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Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)

Hook round bodied needle






















 JR 30s 		100							
		blue					C3090098		

Ski Needle round bodied needle

 SKR 26 		20							
		30 blue		C3095421	C3090422	C3095415			

Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)

3/8 circle round bodied needle with short cutting point






















 2xDRC 6 		45	C3097209	C3097219				
		60	C3097246	C3097251				
		75	C3097272	C3097288				
		45	C3095209	C3095219				
		60	C3095246	C3095251				
		75	C3095272	C3095288				
 DRC 8b 		75		C3097813				
		blue						
 2xDRC 8 		45	C3097211	C3097231				
		60	C3097025	C3097046	C3097172			
		75	C3097169	C3097176				
		blue						
 2xDRC 8b 		2 x 60	G3097178	G3098179				
		2 x 75	G3097168					
 DRC 8b 		60	C3097011	C3097008				
		75		C3097768				
 2xDRC 8 		45	C3095211	C3095231				
		60	C3095025	C3095046	C3090172			
		75	C3090169	C3090176				
		blue						
 		2 x 60	G3095178	G3095179				
		2 x 75	G3090168					

C Box of 36 units



































B Box of 24 units

G Box of 12 units
































M Box of 6 units

Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
3/8 circle round bodied needle with short cutting point								
 2xDRC 8b 		60	C3091011	C3091008				
		75 blue			C3095768			
 DRC 10 		75 blue		C3097538	C3097539			
 2xDRC 10 		45	C3097116	C3097548	C3097553	C3097930		
		60		C3097544	C3097543			
		75		C3097545	C3097546			
		90 blue						
		 new			2 x 60			
75			G3097180					
2 x 75 blue			G3097560		G3097561			
 2xDRC 10b 		60	C3097462	C3097577	C3097578			
		75 blue			C3097516			
 DRC 10 		75 blue		C3090538	C3090539			
 2xDRC 10 		45	C3090116	C3090548	C3090553	C3090930		
		60		C3090544	C3090543			
		75		C3090545	C3090546			
		90 blue						
					2 x 60			
75			G3095180					
2 x 75 blue			G3095560		G3095561			
 2xDRC 10b 		60	C3095462	C3090577	C3090578			
		75 blue			C3090516			
 2xDRC 10 		75 blue		C3095697	C3095680			
2xDRC 10s 		75		C3097324				
		75 blue			C3095324			
 DRC 13 		75 blue			C3097144	C3097145		





















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Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
3/8 circle round bodied needle with short cutting point								
2xDRC 13   new		45		C3097244	C3097173			
		60		C3097268	C3097271			
		75		C3097301	C3097175	C3097141		
		90		C3098303	C3097305	C3097171		
		blue						
	 new	2 x 45			G3097174			
		2 x 75			G3098176	G3097177		
		2 x 90				G3098172		
		blue						
2xDRC 13b   new		75			C3097836	C3097315		
		90				C3097311		
		blue						
DRC 13  		75			C3095144	C3095145	C3095531	
		blue						
2xDRC 13  		45		C3095244	C3095173			
		60		C3095268	C3095271			
		75		C3095301	C3095175	C3095141	C3096165	
		90		C3095303	C3095305	C3095171		
		blue						
		2 x 45			G3095174			
		2 x 75			G3095176	G3095177	G3095181	
		2 x 90				G3095172		
2xDRC 13b  		75			C3095836	C3095315		
		90				C3095311		
2xDRC 13  		75			C3095673	C3095671		
		blue						
2xDRC 13b  		90			C3096013			
		blue						
2xDRC 13s  		75				C3095334		
		blue						
DRC 15  		75			C3095520	C3095523		
		blue						
2xDRC 15  		75			C3095559	C3095756		
		90				C3090728		
		blue						

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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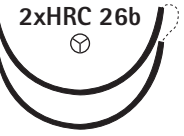





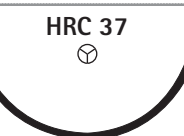

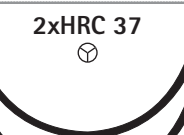





Needle length mm		Thread length cm colour	USP (metric)							
			8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	
3/8 circle round bodied needle with short cutting point										
	DRC 18 	 75 blue					C3095164	C3095165	C3095166	
	DRC 18 	 30 loop blue						C3095456		
	2xDRC 18 	 75 90 blue					C3095194 C3090525	C3095195 C3090526	C3090527	
		 2 x 90 blue							G3095222	
	2xDRC 18b 	 90 blue					C3095438	C3095439		
	2xDRC 22 	 90 120 blue						C3090535 C3095564	C3090536	
	DRC 26 	 75 blue							C3095645	
	2xDRC 26 	 90 120 blue						C3095630 C3095629	C3095633 C3095632	C3095636 C3095612
		 2 x 60 blue								
1/2 circle round bodied needle with short cutting point										
	2xHRC 10 	 60 75 blue					C3097495 C3097205			
		 2 x 60 blue			G3097793	G3097794				
	2xHRC 10 	 60 75 blue					C3095495 C3095205			
		 2 x 60 blue			G3095793	G3095794				

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Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
1/2 circle round bodied needle with short cutting point								
2xHRC 13   new	 	60			C3097042	C3097045		
		75			C3097039	C3097303		
		90			C3097020			
		blue						
		2 x 60			G3097195			
		2 x 75			G3097313	G3097043		
		blue						
2xHRC 13b   new		75				C3097023		
		blue						
2xHRC 13  	 	60			C3095042	C3095045		
		75			C3095039	C3090303	C3090145	
		90			C3095020			
		blue						
		2 x 60			G3090195			
		2 x 75			G3095313	G3095043	G3095047	
		blue						
2xHRC 13b  		75				C3096023		
		blue						
2xHRC 17f  		75				C3095996		
		90				C3095599	C3096002	
		blue						
HRC 17  		75				C3090560	C3090561	C3090579
		blue						

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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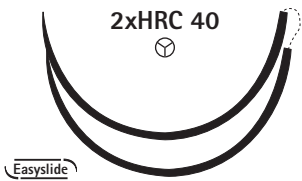

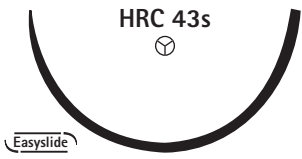

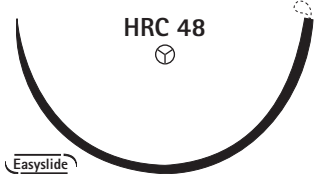

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Needle length mm	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle with short cutting point									
 2xHRC 26	 Pledgets 6x3mm Soft	75	C3090806		C3090808				
		90		C3090811	C3090812	C3095825	C3095779		
		120		C3095771	C3090820	C3095140			
		blue							
 2xHRC 26b	 Long pack	90			C3095377				
		2 x 75		G3095759					
		2 x 90 4 x 90			G3095760	G3095761 G3095751			
blue									
 2xHRC 26	 EasySlide	75			C3095737	C3095738			
		90		C3095607	C3095608	C3095598			
		120			C3095597	C3095598			
blue									
 2xHRC 26	 EasySlide	90			C3095637	C3095614			
		blue							
 2xHRC 30	 EasySlide	90			C3090584	C3090585			
		blue							
 HRC 37	 EasySlide	75				C3095525	C3095048	C3095734	
		90					C3095413		
		100					C3095411		C3095509
blue									
 2xHRC 37	 EasySlide	90			C3095414	C3095562	C3095407		
		120			C3095533				
		blue							
 HRC 37s	 EasySlide	75					C3095995	C3090018	
		100						C3090011	
blue									

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)

1/2 circle round bodied needle with short cutting point

 <p>2xHRC 40</p>	 <p>90 blue</p>			C3090830				
 <p>HRC 43s</p>	 <p>100 blue</p>						B3095923	
 <p>HRC 48</p>	 <p>150 200 blue</p>						B3095457 B3095450	

Needle length mm	Thread length cm colour	USP (metric)						
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)



Progressive curved round bodied needle with short cutting point

 <p>2xPRC 10</p>	 <p>2 x 75 2 x 75 blue</p>	G3097053 G3095053						
 <p>PRC 13</p>	 <p>75 blue</p>		C3097096					
 <p>2xPRC 13</p>	 <p>75 90 blue</p>		C3097097 C3097100	C3097101 C3097103				
 <p>2xPRC 13b</p>	 <p>75 blue</p>		C3097701					
 <p>PRC 13</p>	 <p>75 blue</p>		C3095096					
 <p>2xPRC 13</p>	 <p>75 90 blue</p>		C3095097 C3095100	C3095101 C3095103				

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Needle length mm	Thread length cm colour	USP (metric)						
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)

Progressive curved round bodied needle with short cutting point

 2xPRC 13b CV Pass		75 blue	C3095701						

Hook round bodied needle with short cutting point

 JRC 30s Easyslide		100 blue							C3090963











Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)

1/2 circle round bodied needle with blunt point

 HRN 45 Easyslide		100 blue							C3090643

 HRN 65 Easyslide		100 blue							B3096034







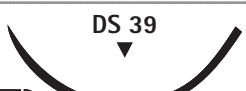

3/8 circle reverse cutting needle







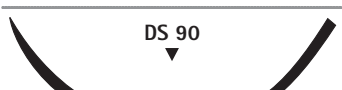

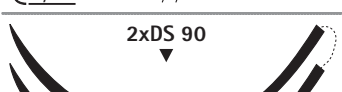

 DS 9 Easyslide		45 blue	C3090204						
 DS 12 Easyslide		45 75 blue	C3090206	C3090207	C3090208	C3090205			
			C3095543						
 2xDS 12 Easyslide		60 blue	C3090829						
 DS 16 Easyslide		45 75 blue	C3090211	C3090212	C3090213	C3090214			
				C3090512	C3090513	C3090514			
 DS 19 Easyslide		30 45 75 blue	C3095400	C3090219	C3090220	C3090221	C3090222		
				C3090519	C3090520	C3090521	C3095522		

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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
























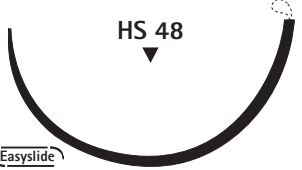

Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)

3/8 circle reverse cutting needle



































 DS 24 EasySlide		45			C3090434	C3090435	C3090436		
		75 blue		C3090233	C3090234	C3090235	C3090236	C3090237	C3090238
 DS 30 EasySlide		45			C3090445	C3090446	C3090447		C3090440
		75 blue			C3090245	C3090246	C3090247	C3090248	C3095200
 DS 35 EasySlide		75 blue				C3090230			
 DS 39 EasySlide		75 blue				C3090254	C3090255	C3090256	C3090257

Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
 DS 39 EasySlide		75						C3090244
		90 100 blue			C3090020	C3090249		C3095488
 DS 45 EasySlide		100 blue						C3095190
 2xDS 60 EasySlide		75 blue				B3090751		
 DS 90 EasySlide		75 blue						C3090262
 2xDS 90 EasySlide		50 blue						B3095967




























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Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle								
 HS 15 	 75 blue		C3090259					
 HS 18 	 45 blue	C3090264						
 HS 21 	 45 75 blue		C3095775 C3090460	C3090261 C3090461				
 HS 26 	 75 90 120 blue			C3090269	C3090270 C3095958 C3095959	C3090271		
 HS 30 	 75 blue			C3090274	C3090275	C3090276		
 HS 37 	 75 blue				C3090279	C3090280		
 HS 37s 	 75 blue						C3095320	
 HS 40 	 75 100 blue				C3090273	C3090281 C3095912	C3090287 C3090272	
 HS 48 	 75 100 blue					C3095329	C3090304	
 HS 48 	 loop 150 blue							B3090289



















C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
Straight reverse cutting needle								
 GS 13 		45 blue		C3095385				
 GS 51 		75 blue			C3090284	C3090285		
 GS 60 		75 blue			C3090265	C3090266	C3090267	
 2xGS 60 		75 blue			C3090881	C3090882		
Needle length mm	Thread length cm colour	USP (metric)						
3/8 circle Trapezoidal micro engraved with precision point								
DGMP 11 		45 blue		C3095588				
DGMP 13 		45 blue		C3095589	C3095518	C3095910		
DGMP 16 		45 75 blue			C3095549	C3095499	C3095999	
DGMP 19 		45 75 blue			C3095550	C3095500 C3095517	C3095591 C3095983	
DGMP 24 		45 75 blue				C3095717 C3095718	C3095706 C3095708	
3/8 circle reverse cutting needle with precision point								
 DSMP 7 		45 blue	C3090612	C3095613				
 DSMP 9 		45 blue		C3090641				
 DSMP 11 		45 75 blue	C3090606 C3090406	C3090607 C3090407	C3090608			
 DSMP 13 		45 75 blue	C3090617	C3090618	C3090619 C3090409	C3090620 C3090410	C3090077	


























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Needle			Thread	USP (metric)						
length mm			length cm colour	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
3/8 circle reverse cutting needle with precision point										
DSMP 16 			45		C3090628	C3090629	C3090630	C3090481		
			75 blue		C3090428	C3090429	C3090427			
DSMP 19 			45			C3090675	C3090676	C3090677	C3090678	
			75 blue			C3090672	C3090673	C3090674		
DSMP 24 			45			C3095654	C3090655	C3090656	C3090657	
			75 blue				C3090680	C3090681	C3090682	
DSMP 30 			45							C3090667
			75 blue					C3090690	C3090691	C3090692
DSMP 39 			75 blue					C3095960		
1/2 circle reverse cutting needle with precision point										
HSMP 12 			45 blue				C3090027			
2xHSMP 12 			45 blue				C3095335			
HSMP 15 			45 blue				C3090511			
Needle			Thread	USP (metric)						
length mm	angle	diameter microns	length cm colour	10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)
3/8 circle round bodied needle micro needle										
DRm 4s 			15 blue				G3095547			
DRm 5 	135°	140µ	15		G3090782					
			23 blue		G3090024					
2xDRm 5 	135°	100µ	5		G3090874					
			45 blue			G3090482				

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle		Thread		USP (metric)							
length mm	angle	diameter microns	length cm colour	10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	
3/8 circle round bodied needle micro needle											
DRm 6 	135°	 140µ	12 blue			G3095307					
			15 blue		G3090783						
			45 blue		G3090883						
2xDRm 6 	135°	 140µ	12 blue			G3095309					
			45 blue		G3090780						
			60 blue		G3090609						
DRm 8 	135°	 140µ	15 blue			G3090753					
			45 blue		G3090025						
2xDRm 8 	135°	 140µ	45 blue			G3090983					
			60 blue		G3090758						
			75 blue		G3090026						
	2xDRm 10b 	 200µ	45 blue					G3095149			
DRm 10b 			135°	 200µ	75 blue			G3090784	G3090785		
	2xDRm 10b 	 200µ	45 blue				G3090610				
1/2 circle round bodied needle micro needle											
	HRm 6 	180°	 200µ	30 blue			G3090740				
	2xHRm 6 	180°	 200µ	45 blue			G3090742				
3/8 circle round bodied needle with taper point (vascular)											
	2xDRmV 8b 	 Long pack 140µ	2 x 45 60 2 x 60 75 blue			G3095551 G3095050 G3095051 G3095060					
			2xDRmV 10b 	 200µ	75 blue					G3095139	

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Needle		Thread		USP (metric)					
length mm	diameter microns	length cm colour	10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)
Progressive curved round bodied needle with taper point (vascular)									
		 200µ	75 blue				G3090671	G3090670	
3/8 circle round bodied needle with short cutting point (mic)									
		 140µ	75 45 60 blue			G3095277 G3090814 G3090702			
		 140µ	45 60 75 blue			G3095216 G3095249 G3095284			
		135°  200µ	75 blue					G3090768	
		135°  200µ	45 60 75 blue			G3090832 G3090755 G3090694		G3090693	
Progressive curved round bodied needle with short cutting point (mic)									
		100°/90° 100µ	13 60 blue	G3095677	G3090664				
		100°/95°  140µ	60 blue			G3090698			
		95°/90°  200µ	75 blue			G3095765			
3/8 circle round bodied needle with short cutting point (vas)									
		 200µ	75 blue				G3095685	G3095672	
Progressive curved round bodied needle with short cutting point (vas)									
		 200µ	60 75 blue				G3090647 G3090669	G3090668	
3/8 circle lancet micro needle									
		140° 150µ	30 blue	G3090589					

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	angle	diameter microns	Thread length cm colour	USP (metric)						
				10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)
3/8 circle lancet micro needle										
D_{Lm} 6 	140°	150μ	15 blue	G3090590						
2xD_{Lm} 6 	140°	150μ	15 30 blue	G3095548 G3090591		G3090638				
D_{Lm} 6s 	137°	200μ	15 blue	G3090593	G3090594	G3090595				
2xD_{Lm} 6s 	137°	200μ	15 30 blue	G3090596	G3090846 G3090597					
1/2 circle lancet micro needle										
2xH_{Lm} 6 	160°	150μ	30 blue	G3090775						
Straight lancet micro needle										
2xG_{Lm} 16 		150μ	23 blue	G3095480	G3095481					
1/8 circle lancet micro needle										
S_{Lm} 6 	44°	150μ	8 blue	G3090777	G3090778					

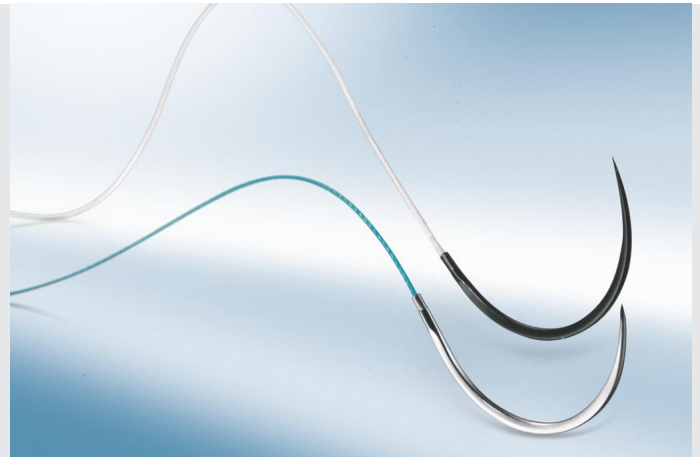
PremiCron®

Non-absorbable sutures

DESCRIPTION

PremiCron® is intended for use in soft tissue approximation of the wound edges to render possible an undisturbed wound healing.

PremiCron® is indicated for use in general surgery, cardiovascular and vascular indications and reconstructive and plastic surgery, when surgical practice requires the use of a non-absorbable suture material. PremiCron® is intended for adult patients regardless of gender who do not meet any contraindication.

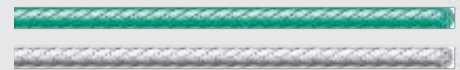


PremiCron®

PremiCron®























Product overview

Polyester, braided, coated



Colour	Green or white
Origin	Synthetic
Sizes	USP 6/0 (metric 0.7) to USP 5 (metric 7)
Type of absorption	Non-absorbable
Sterilisation	Ethylene oxide / Gamma-irradiation















PremiCron®

Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle round bodied needle								
 2xDR 8 	 45 green		C2026822					
	 45 white	C2027069	C2027822					
	45 green		C0026822					
	45 white		C0027822					
 2xDR 10 	 75 green	C2026871						
	75 green	C0026871						
 DR 12 	45 green	C0026120	C0026121					
	 2xDR 12 	 75 green	C2026852	C2026853	C2026854			
 75 white			C2027853	C2027854				
  75 green					C2026954			
75 green		C0026852	C0026853	C0026854				
75 white			C0027853	C0027854				
 75 green					C0026954			
 DR 13 	3 x 90 white		C0027890					
	 DR 15 	75 green			C0026130	C0026131		
 DR 18 		75 green			C0026104	C0026105		





C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)


























3/8 circle round bodied needle






















		75		C2026863	C2026864	C2026865			
		90 green				C2026858	C2026883		
		75		C0026863	C0026864	C0026865			
		90 green				C0026858	C0026883		
	  Pledgets 6x3mm Firm	8 x 90 green/white					M0027769		
		8 x 75 green/white					M0027671		
		75 green				C0026226	C0026227	C0026228	
		75 green				C2026116			
		75 green				C0026136	C0026137		
		90 green						C2026873	
		90 green						C0026873	
		75 green					C0026141	C0026142	C0026238

Needle length mm	Thread length cm colour	USP (metric)						
		3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)














		75 green					C0026239	
		75 green			C0026071			













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Needle length mm		Thread length cm colour	USP (metric)						
			6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle									
	HR 6 	 75 green	C2026942						
	2xHR 10f 	 75 green		C2026213					
		75 green		C0026213					
	HR 10 	45 green	C0026008	C0026009	C0026010				
	2xHR 10 	 75 green		C2026695					
		 75 green		C2026887					
		 90 green		C2026792					
		75 green		C0026695					
	HR 13 	90 green		C0026792					
		 3x3mm Firm							
	2xHR 13 	45 75 green		C0026029	C0026030 C0026152	C0026031 C0026032			
		 75 green		C2026843	C2026844	C2026845			
	75 green		C0026843	C0026844	C0026845				
	HR 13 	take off 4 x 45 green			C0026477				
	HR 13ss 	75 green					C0026062		
	HR 17 	75 green		C0026003	C0026004	C0026005	C0026006		
		take off 4 x 75 green				C0026700			




Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	
1/2 circle round bodied needle									
		45	C2026802	C2026803 C2026903	C2026804 C2026904	C2026805 C2026905	C2026606 C2026806 C2026906		
		75							
		90 green							
		75 white			C2027455		C2027457		
	 	75 green					C2027042		
		45		C0026803 C0026903	C0026804 C0026904	C0026805 C0026905	C0026606 C0026806 C0026906		
		75							
		90 green							
		75			C0027455		C0027457 C0027906		
		90 white							
		8 x 75 4 x 90 green/white					M0027775		M0027008
	 	4 x 75 8 x 75 green/white					M0027764 M0027802		
 	4 x 75 8 x 75 green/white					M0027088 M0027776		M0027091	
									
		75 green					C0026257		
		8 x 75 green/white					M0027151		
	 	4 x 75 8 x 75 green/white					M0027090 M0027119		
	 	8 x 75 green/white					M0027150		
									
		4 x 45 green				C0026740			
		take off							

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Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle								
	 75 90 green			C2026094		C2026091		
	 75 green					C0026907		
	 75 white					C0027010		
	 8 x 75 green/white					M0027707		
	  8 x 75 green/white					M0027953		
	  4 x 75 8 x 75 green/white					M0027905 M0027706		
	  8 x 75 green/white					M0027525		
	 HR 22 	45 75 green			C0026024	C0026025	C0026026	C0026007

Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle								
 2xHR 22	 75 90 green				C2026763 C2026730	C2026731	C2026732	C2026734
	  Pledgets 6x3mm Firm	75 green			C2026735	C2026307	C2026733	
		75 90 green			C0026763 C0026730	C0026731	C0026737 C0026732	
	 Pledgets 6x3mm Firm	75 green			C0026735		C0026733	
	Multi pack	8 x 75 green/white					M0027705	
	Multi pack	 Pledgets 6x3mm Firm	8 x 75 8 x 90 green/white				M0027605 M0027704	
	Multi pack	 Pledgets 6x3mm Soft	8 x 75 green/white				M0027867	
	CV Pass	Multi pack	8 x 75 green/white				M0027181	
	 2xHR 22b	Multi pack	4 x 75 8 x 75 green/white				M0027157 M0027169	
		CV Pass	 Pledgets 6x3mm Firm					
 2xHR 22	Multi pack	8 x 75 green/white				M0027127		
	EasySlide	 Pledgets 6x3mm Firm	8 x 75 green/white				M0027125	
 HR 22ss	CV Pass	4 x 45 green				C0026736	B0026729	
		take off						

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Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
1/2 circle round bodied needle								
  2xHR 22ss	75 green							C0026070
	75 90 120 green	C0026014	C0026015 C0026002	C0026016 C0026049 C0026111	C0026017 C0026001	C0026018		
 HR 26	4 x 75 green			M0026725				
	4 x 75 white			M0027112				

C Box of 36 units

B Box of 24 units

























G Box of 12 units















M Box of 6 units

Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
1/2 circle round bodied needle								
	75		C2026738	C2026739				
	90 green	C2026814	C2026815	C2026816	C2026817			
	75			C2027839				
	90 white			C2027816	C2027817			
  Pledgets 6x3mm Firm	90 green			C2026916				
	  Pledgets 6x3mm Firm	90 white			C2027306			
75			C0026738	C0026739				
	90 green	C0026814	C0026815	C0026816	C0026817			
	75			C0027839				
	90 white			C0027816	C0027817			
	 Pledgets 6x3mm Firm	90 green		C0026915	C0026916			
 Pledgets 6x3mm Firm		90 white			C0027306			
		4 x 75			M0027700	M0027009		
8 x 75				M0027715				
8 x 90 green/white				M0027713				
  Pledgets 3x3mm Firm	8 x 75			M0027716				
	8 x 90 green/white			M0027717				
	4 x 75				M0027759			
  Pledgets 6x3mm Firm	8 x 75			M0027766				
	8 x 90 green/white			M0027712				



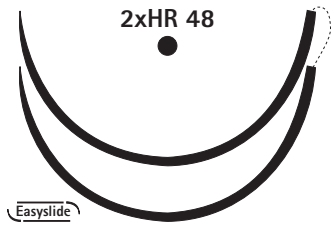
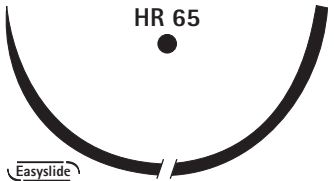
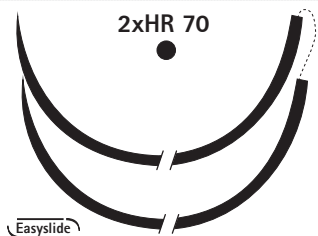



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




















Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
1/2 circle round bodied needle								
 2xHR 26b	 75 green			C2026500				
	 4 x 75 8 x 75 green/white			M0027186 M0027205				
	  4 x 75 8 x 75 green/white			M0027187 M0027199				
	  8 x 75 green/white			M0027211				
  HR 26	120 green					C0026194		
  HR 26s	75 green		C0026061	C0026052	C0026050	C0026051		B0026053
  HR 26ss	4 x 45 green			C0026724	B0026019			
	take off							
	90 green							C0026255
	4 x 75 green/white							B0027148
  2xHR 26ss	4 x 45 green			C0026064	B0026020			
	take off							
  HR 26ss	75 green							B0026325
  HR 26ss	2 x 75 green					C0026768		
 HR 30	75 90 green		C0026056	C0026057 C0026928	C0026058	C0026059		C0026145
  HR 37	75 white					C0027059		
  HR 37	75 green		C0026035	C0026036	C0026037	C0026038		C0026039

Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
1/2 circle round bodied needle								
 2xHR 37 	75							
	90 green		C0026750	C0026836 C0026751	C0026837			
 HR 37s 	75			C0026066	C0026067	C0026068	C0026069	
	90 green				C0026267	C0026277		
	4 x 45				B0026727			
	green	take off						
 2xHR 37s 	60						C0026840	
	90 green						B0026759	
 HR 37ss 	75						C0026079	
	green							
Needle length mm	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
 HR 37ss 	75							B0026191
	green							
 HR 40 	75	C0026072		C0026074		B0026425		B0026083
	90 green			C0026972	B0026075			
 HR 40s 	75			C0026512	B0026513			
	green							







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Needle length mm	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
1/2 circle round bodied needle								
 <p>HR 40ss</p>	75 green				C0026275			
 <p>HR 48</p>	75 green		C0026098	C0026080	B0026182	B0026082		
	75 white					B0027082		
	4 x 45 green		B0026721					
 <p>2xHR 48</p>	75 green				B0026720			
 <p>HR 65</p>	75 green					B0026303		
 <p>2xHR 70</p>	75 green		B0026696	B0026697				
5/8 circle round bodied needle								
 <p>FR 36</p>	90 green		C0026268	C0026089				


















C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle		Thread	USP (metric)						
			6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
length mm	length cm colour								
Straight round bodied needle									
 GR 19 	45				C0026041				
	75				C0026113				
	120 green						C0026045	C0026992	
 2xGR 19 	75 green				C0026449				
Hook round bodied needle									
 JR 30s 	75 green								C0026977
Ski Needle round bodied needle									
 SKR 19 	30 green						C0026536		
 SKR 26 	30				C0026540	C0026550			
	45					C0026548			
	120 green				C0026546	C0026046	C0026549		
3/8 circle round bodied needle with short cutting point									
 DRC 12 	75 green	C0026352							
 2xDRC 18 	 75 green			C2026474	C2026465	C2026466			
	 75 green					C0026476			
	 4 x 75 8 x 75 8 x 90 green/white						M0027601 M0027311 M0027941		
	  4 x 75 8 x 75 green/white						M0027600 M0027310		
	  8 x 75 4 x 90 8 x 90 green/white						M0027312 M0027647 M0027935		
	  8 x 90 green/white						M0027519		

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Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle round bodied needle with short cutting point								
 2xDRC 18b 	 	4 x 75					M0027002	
		8 x 75 green/white					M0027046	
1/2 circle round bodied needle with short cutting point								
 HRC 17 		75 green			C0026937	C0026938		











C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle with short cutting point								
	75							
	90 green			C2026304		C2026572 C2026305	C2026250 C2026306	
	75							
	90 white						C2027656 C2027317	
  Pledgets 3x3mm Firm	90 white						C2027316	
	75							
  Pledgets 6x3mm Firm	90 green						C2026248 C2026308	
	75							
  Pledgets 3x3mm Soft	75 green						C2026560	
	75							
  Pledgets 6x3mm Soft	75 green						C2026563	
	75							
 2xHRC 17	75							
	90 green			C0026304		C0026305	C0026250 C0026306	C0026158
	90 white						C0027317	
	75							
 Pledgets 3x3mm Firm	75 green						C0026249	
	75							
 Pledgets 6x3mm Firm	90 green						C0026248 C0026308	
	75							
 Pledgets 3x3mm Soft	75 green						C0026560	
	75							
 Pledgets 6x3mm Soft	75 green						C0026563	
	4 x 75 green						M0026175	
	4 x 75 8 x 75 4 x 90 green/white					M0027584	M0027921 M0027722	M0027585 M0027976



























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


Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	
1/2 circle round bodied needle with short cutting point									
 	Multi pack	8 x 90 green/white					M0027929		
	Multi pack	 8 x 75 green/white					M0027738		
	Multi pack	 4 x 75 8 x 75 4 x 90 8 x 90 green/white					M0027628 M0027723	M0027579	
							M0027863	M0027975	
	Multi pack	 4 x 75 8 x 75 green/white					M0027824 M0027819		
	Multi pack	 4 x 75 8 x 75 green/white					M0027813 M0027811		
	 		 75 green					C2026538	
			75 green					C0026538	C0026159
			 75 green						C0026253
Multi pack		4 x 75 8 x 75 green/white					M0027568 M0027253	M0027586	
Multi pack		 8 x 75 green/white					M0027241		
Multi pack		 4 x 75 8 x 75 4 x 90 green/white					M0027229 M0027259	M0027580	
								M0027971	
Multi pack		 8 x 75 green/white					M0027247		
Multi pack		 8 x 75 green/white					M0027265		

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	
1/2 circle round bodied needle with short cutting point									
 	 Pledgets 6x3mm Firm	75 green						C0026251	
	Multi pack	 Pledgets 6x3mm Firm	8 x 75 green/white					M0027128	
	Multi pack	4 x 90 green/white						M0027043	
	Multi pack	 Pledgets 6x3mm Firm	8 x 75 4 x 90 green/white					M0027625	M0027045
	Multi pack	 Pledgets 6x3mm Soft	4 x 90 green/white					M0027042	
	Multi pack		4 x 90 green/white					M0027066	
	Multi pack	 Pledgets 6x3mm Firm	4 x 90 green/white					M0027067	
	 		100 green						C0026296

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Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle with short cutting point								
	90 green						C2026323	
  Pledgets 6x3mm Firm	75 green						C2026263	
  Pledgets 6x3mm Soft	75 green						C2026585	
	90 green						C0026323	C0026163
	 Pledgets 6x3mm Firm	75 green					C0026263	
	 Pledgets 6x3mm Soft	75 green					C0026585	
	4 x 75 8 x 75 4 x 90 green/white						M0027549 M0027102 M0027603	M0027107 M0027610
	 Pledgets 6x3mm Firm	4 x 75 8 x 75 4 x 90 green/white					M0027949 M0027100 M0027617	M0027108 M0027618
	 Pledgets 6x3mm Soft	4 x 75 8 x 75 green/white					M0027836 M0027841	
		4 x 75 4 x 90 green/white					M0027251 M0027566	M0027611
	  Pledgets 6x3mm Firm	4 x 75 8 x 75 4 x 90 green/white					M0027375 M0027391 M0027300	M0027619
	 Pledgets 6x3mm Firm	90 green					C0026321	B0026899
		4 x 90 green/white					M0027615	
	  Pledgets 6x3mm Firm	4 x 90 green/white					M0027004	















C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle with short cutting point								
 	75				C0026301	C0026302		
	100 green				C0026299	C0026300		
 	 120 green					C2026955		
	 75 90 green			C2026311	C2026215 C2026312	C2026316 C2026313	C2026317 C2026419	
	 90 white					C2027326		
	  75 90 green					C2026319 C2026318		
	  90 white					C2027336		
	  75 90 green					C2026594 C2026676		
	75				C0026215	C0026316	C0026317	
	90 green				C0026312	C0026313	C0026419	
	90 white					C0027326		
	 75 90 green					C0026319 C0026318	C0026162 C0026165	
	 75 90 green					C0026594 C0026676		
	 4 x 75 8 x 75 4 x 90 green/white					M0027371 M0027791 M0027555	M0027925 M0027686	
	  8 x 75 green/white					M0027801		
	  4 x 75 8 x 75 green/white					M0027543 M0027792	M0027859	

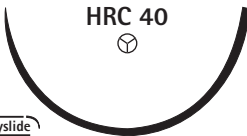
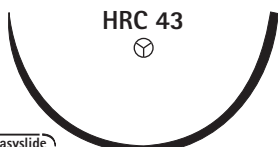
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Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)

1/2 circle round bodied needle with short cutting point

 2xHRC 26	  Pledgets 6x3mm Firm	4 x 90 8 x 90 green/white						M0027685 M0027660	M0027687 M0027661
	  Pledgets 6x3mm Soft	4 x 75 8 x 75 8 x 90 green/white						M0027843 M0027845 M0027531	
 2xHRC 26b	 Pledgets 6x3mm Firm	75 green						C2026634	
	 Pledgets 6x3mm Firm	75 green						C2026643	
	 Pledgets 6x3mm Firm	75 green						C0026643	C0026644
		4 x 75 8 x 75 4 x 90 green/white						M0027425 M0027465	M0027926 M0027688
	  Pledgets 6x3mm Firm	4 x 75 8 x 75 4 x 90 green/white						M0027424 M0027451	M0027858 M0027689
	  Pledgets 6x3mm Soft	4 x 75 8 x 75 green/white						M0027443 M0027471	

Needle length mm	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)

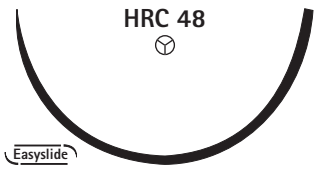

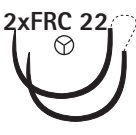




 HRC 40	75 green					C0026260		
 HRC 43	4 x 75 green					B0026247		

C Box of 36 units

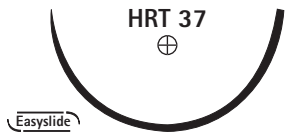
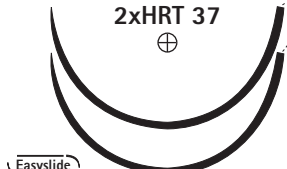
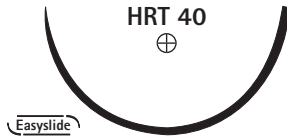





B Box of 24 units

G Box of 12 units

M Box of 6 units

Needle length mm	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
1/2 circle round bodied needle with short cutting point								
 <p>HRC 48</p>	75 green							G0026259
 <p>HRC 55</p>	4 x 75 green							G0026114
5/8 circle round bodied needle with short cutting point								
 <p>2xFRC 22</p>	8 x 75 green/white	M0027979						
Progressive curved round bodied needle with short cutting point								
 <p>PRC 24</p>	120 green	C0026102	C0026099					
Hook round bodied needle with short cutting point								
 <p>JRC 30s</p>	75 green			C0026987				
1/2 circle round bodied needle with trocar point								
 <p>HRT 26</p>	75 green		C0026337					
 <p>HRT 30s</p>	90 green			C0026920				

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Needle length mm	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
1/2 circle round bodied needle with trocar point								
 <p>HRT 37 ⊕ Easyslide</p>	75 4 x 75 green		C0026392	C0026393	C0026394 B0026717			
 <p>2xHRT 37 ⊕ Easyslide</p>	90 green	C0026458						
 <p>HRT 40 ⊕ Easyslide</p>	75 4 x 75 green		C0026401		B0026044			
 <p>HRT 40s ⊕ Easyslide</p>	75 green				C0026395			
 <p>HRT 43 ⊕ Easyslide</p>	4 x 75 green				B0026718			
 <p>HRT 48 ⊕ Easyslide</p>	75 4 x 75 green				B0026097		G0026148 G0026081	
 <p>HRT 55 ⊕ Easyslide</p>	75 4 x 75 green						G0026146 G0026723	
1/2 circle round bodied needle with sternum point								
 <p>HRS 40 ⊙ Easyslide</p>	4 x 75 green				B0026766			


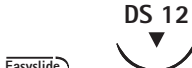
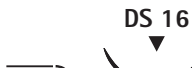




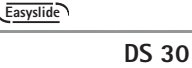
Needle length mm	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)

1/2 circle round bodied needle with sternum point










	4 x 75 green				B0026767			G0026702
	4 x 75 green							G0026705

Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)

3/8 circle reverse cutting needle















	45 green	C0026192						
	45 75 green	C0026171	C0026172 C0026242	C0026173				
	45 75 green		C0026176	C0026177 C0026245	C0026246			
	45 4 x 45 75 green		C0026551	C0026552 C0026185 C0026231	C0026553 C0026232	C0026554 C0026233		C0026235
	45 4 x 45 white				C0027974 C0027433			
	45 75 green			C0026514	C0026189 C0026515	C0026190 C0026516	C0026517	C0026518
	75 white					C0027965		
	45 75 green					C0026492 C0026531	C0026532	C0026533

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




Needle length mm	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
3/8 circle reverse cutting needle								
 DS 30 Easyslide	75 90 green		C0026537		C0026534			
 DS 35 Easyslide	75 green	C0026281	C0026282	C0026283	C0026284			
 DS 39 Easyslide	75 green	C0026329	C0026330	C0026331	C0026332	B0026333		
 DS 48 Easyslide	75 green			C0026354	B0026355			
 DS 60 Easyslide	75 green				B0026278	B0026279		
 DS 76 Easyslide	50 50 75 green				B0026205			B0026208 B0026291
 2xDS 76 Easyslide	75 green				B0026220			B0026223
 2xDS 80 Easyslide	75 green							B0026188
Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle								
 HS 15 Easyslide	45 75 green	C0026196	C0026197	C0026198 C0026342				

Needle length mm	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)






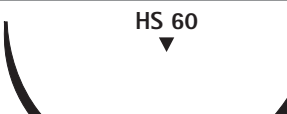
1/2 circle reverse cutting needle




 HS 21 	45 75 green		C0026199	C0026200 C0026365	C0026366	C0026367		
 HS 23 	45 green			C0026202				
 HS 23ss 	75 green					C0026403	C0026404	C0026405
 HS 26 	75 green			C0026420	C0026421	C0026423		
 HS 26s 	75 green						C0026339	B0026778
 HS 26ss 	75 green							C0026371
 HS 30 	75 green				C0026541	C0026542	C0026543	C0026544



















Needle length mm	Thread length cm colour	USP (metric)						
		0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)	6 (8)

 HS 30 	75 green				B0026545			
 2xHS 30 	75 green			C0026214				
 HS 37 	75 green	C0026471	C0026472	C0026473				

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Needle length mm	Thread length cm colour	USP (metric)					
		0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
1/2 circle reverse cutting needle							
 HS 37s Easyslide	75 green	C0026467	C0026468	C0026469			
 HS 40 Easyslide	75 green		C0026479	C0026480	B0026481		B0026482
 HS 40s Easyslide	75 green			C0026390			
 HS 40ss Easyslide	75 green		C0026397				
 HS 48 Easyslide	75 4 x 75 200 green	C0026495	C0026375 B0120070	B0026376	B0026377		B0026399 G0026203
 HS 60 Easyslide	75 green						B0026409

Needle length mm	Thread length cm colour	USP (metric)					
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
Straight reverse cutting needle							
 GS 51 Easyslide	75 green		C0026505	C0026506	C0026507	C0026508	B0026509
 GS 60 Easyslide	75 90 green		C0026314	C0026315 C0026441	C0026266		
 GS 65 Easyslide	75 green			C0026287	C0026288	C0026289	

Needle length mm	Thread length cm colour	USP (metric)						
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
3/8 circle reverse cutting needle with precision point								
 2xDSMP 7 	45 white		C0027074					
 2xDSMP 11 	45 white			C0027031				
 DSMP 13 	45 green				C0026193			
	45 white			C0027086	C0027087			
 DSMP 19 	45 white				C0027096	C0027097		
 DSMP 24 	75 white						C0027957	
1/2 circle reverse cutting needle with precision point								
 HSMP 12 	45 white					C0027018		
1/2 circle lancet needle with micro-point								
 2xHLM 8 	45 white			G0027062				
1/4 circle lancet needle with micro-point								
 2xVLM 6 	45 white			G0027895				
 2xVLM 8 	45 green			G0026155				
	45 white		G0027114	G0027115	G0027116			

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	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
Pre-cut sutures								
3 threads of 45 cm	3 x 45 green	C0120090	C0120091	C0120092	C0120093	C0120094	C0120095	C0120096
	Thread length cm colour	USP (metric)						
		0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)	6 (8)
3 threads of 45 cm	3 x 45 green				C0120097			
	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
5 threads of 45 cm	5 x 45 green	C0120100	C0120101	C0120102	C0120103	C0120104	B0120105	B0120106
10 threads of 45 cm	10 x 45 green	C0120005	C0120006	C0120007	C0120008	B0120009	B0120010	B0120011
17 threads of 45 cm	17 x 45 green			C0120050	C0120051			
5 threads of 60 cm	5 x 60 green					C0120110	B0120111	
10 threads of 60 cm	10 x 60 green		C0120015	C0120016	C0120017			
13 threads of 60 cm	13 x 60 green			C0120036	C0120037			
2 threads of 75 cm	2 x 75 green			C0120080	C0120081	C0120082	C0120083	C0120084
	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
2 threads of 75 cm	2 x 75 green					B0120085		B0120087
5 threads of 75 cm	5 x 75 green	C0120120	C0120121	B0120122	B0120123			
	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
10 threads of 75 cm	10 x 75 green		C0120020	C0120021	B0120022		B0120024	
1 thread of 150 cm	1 x 150 green	C0120025	C0120026	C0120027	C0120028	C0120029	C0120030	B0120031





C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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	Thread length cm colour	USP (metric)						
		2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
Pre-cut sutures								
1 thread of 150 cm	1 x 150 green						B0120032	B0120033
2 threads of 75 cm	2 x 75 white	C0100017		C0100008				
1 thread of 150 cm	1 x 150 white			C0102020	C0102025	B0102035		
	Thread length cm colour	USP (metric)						
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
Ligature reels								
1 thread of 250 cm	1 x 250 green	G0120055	G0120056	G0120060	G0120061	G0120062	G0120063	G0120064
	Thread length cm colour	USP (metric)						
		1 (4)	2 (5)	3 (6)	4 (6)	5 (7)	6 (8)	7 (9)
1 thread of 250 cm	1 x 250 green			G0120065		G0120067		

PremiCron®

PremiPatch® PTFE pledgets

Pledgets FIRM		Units / foil	Code
3 x 3 x 1.5 mm		6	C0027996
6 x 3 x 1.5 mm		6	C0027995
6 x 3 x 1.5 mm		6	C0027994

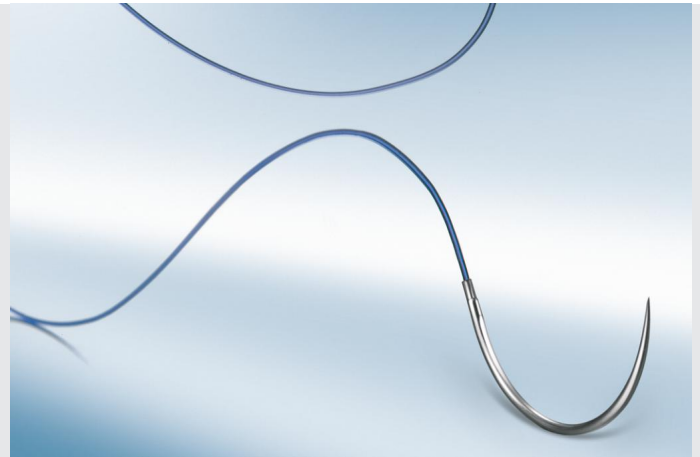
Pledgets SOFT		Units / foil	Code
3 x 3 x 1.5 mm		6	C0027990
6 x 3 x 1.5 mm		6	C0027991
9 x 5 x 1.5 mm		6	C0027992
16 x 7 x 1.5 mm		6	C0027993

Dafilon®

Non-absorbable sutures

Description

Dafilon® is a non-absorbable synthetic monofilament suture made of polyamide polymers 6/6.6 (dyed blue or undyed) or polyamide 6.6 (dyed black).

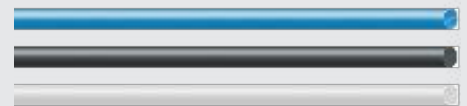


Dafilon®

Dafilon®















Product overview

Polyamide, monofilament, uncoated


















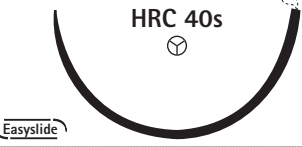
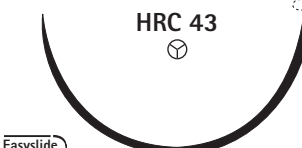
Colour	Black, blue or undyed
Origin	Synthetic
Sizes	USP 11/0 (metric 0.1) to USP 5 (metric 7)
Type of absorption	Non-absorbable
Sterilisation	Ethylene oxide / Gamma-irradiation

Dafilon®

Needle length mm	Thread length cm colour	USP (metric)						
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)
3/8 circle round bodied needle								
 DR 6 	15 black	G1110740						
DR 12 	75 blue				C0931071			
DR 22  135°	75 blue					C0935285	C0935294	C0935296
1/2 circle round bodied needle								
HR 10 	45 blue				C0930786			
2xHR 17 	75 blue			C0938248				
HR 22 	75 blue					C0930210		
HR 26 	75 blue							C0930423
Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
HR 26 	75 blue				C0930431			
 HR 26s 	75 blue			C0930158				
 HR 30  loop	150 blue			C0937614				
HR 30 	75 100 blue			C0930474 C0930601	C0930482	C0930490 B0930628		

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
1/2 circle round bodied needle								
 HR 30	150 blue				C0933490			
 HR 30s	100 blue				C0934860			
 HR 37	75 blue		C0930701					
 HR 37s	150 blue					B0935769		
 HR 40	150 blue					B0934552		
 HR 40	75 100 blue				C0930539 B0934828	B0935549		
 HR 40	150 blue				B0934534			
 HR 40s	100 120 blue				B0934844 B0935584	B0935743		
 HR 43s	75 blue						C0930970	

Needle length mm	Thread length cm colour	USP (metric)					
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle							
 HR 48	75 90 100 blue					C0930741 B0935727	B0930750 B0930010
 HR 48 loop	150 200 blue				B0933589	B0933570 B0933619	
 HR 65	150 blue						B0933670
Straight round bodied needle							
 2xGR 65	75 90 blue			C0938505	B0932730		
 2xGR 75	75 blue			C0930040			
1/2 circle round bodied needle with short cutting point							
 HRC 17	75 undyed		C0916001				
 HRC 40s EasySlide loop	150 blue					B0934001	
 HRC 43 EasySlide loop	150 blue					B0934002	

Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)

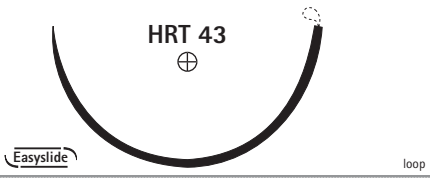
1/2 circle round bodied needle with short cutting point

	200 blue							
						B0935001		

1/2 circle round bodied needle with trocar point

	75 undyed		C0916148					

	150 blue							
						B0934708		

	150 blue							
						B0934710		


	200 blue							
						B0935630		









1/2 circle round bodied needle with blunt point



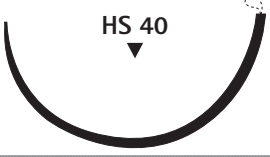







	150 blue							
						B0934028		

Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)

3/8 circle reverse cutting needle

	45 blue	C0932019	C0932020					

Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle reverse cutting needle								
DS 12 	45	C0932060	C0932078	C0932086				
	60	C0935042	C0935050	C0935069				
	75		C0934070					
	90		C0934067					
	blue							
DS 16 	45	C0932116	C0932124	C0932132	C0932140			
	60	C0932108						
	75	C0935115	C0935123	C0935131	C0935107			
	90		C0935254	C0930165				
	120		C0930006					
	blue							
DS 19 	45		C0932191	C0932205	C0932213	C0932221	C0935181	
	75		C0935190	C0935204	C0935212	C0935213		
	90		C0935255	C0935220	C0935239	C0935247		
	blue							
DS 24 	45		C0932317	C0932345	C0932353	C0932361	C0932370	
	75			C0935344	C0935352	C0935360	C0935379	C0935380
	90			C0935310	C0935328	C0935336	C0935387	
	120			C0930007	C0930105	C0930008	C0930009	
	blue							
DS 30 	45			C0932441	C0932469	C0932477	C0932485	C0932493
	75			C0932450	C0935468	C0935476	C0935484	C0935492
	90				C0934410	C0935522	C0934391	C0934429
	120						C0930011	B0930012
	blue							
DS 35 	75					C0932809		C0930095
	90					C0934780	C0934801	C0934810
	blue							
DS 39 	45					C0932545		
	75			C0932531	C0932540	C0932558	C0932566	C0932574
	90					C0934569	C0934573	C0934577
	blue							
Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
DS 39 	90 blue							B0934579

Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle reverse cutting needle								
	75 90 blue					C0934054	C0930016	C0934046
	75 90 100 blue						C0932760 B0934585	C0932779 C0932787
	150 blue							B0934518
	75 blue						C0932612	C0932620
Needle length mm	Thread length cm colour	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
	75 90 100 blue					C0932604 B0935620	B0933159	
Straight reverse cutting needle								
	45 blue		C0932736					
	75 90 blue	C0935590	C0935603	C0935611	C0935530 C0935565	C0935573		
	75 undyed		C0912224					
	75 90 blue	C0932647	C0932655 C0934658	C0932663 C0934690	C0934691			
	90 blue	C0935557	C0935646	C0935654		C0935735		

Needle length mm	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)

Straight reverse cutting needle



75 blue					C0932710			
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Needle length mm	Thread length cm colour	USP (metric)						
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)

3/8 circle Trapezoidal micro engraved with precision point













DGMP 11	45 blue		C0936511	C0933908				
DGMP 13	45 blue			C0933906	C0933903			
DGMP 16	45 75 blue			C0933907	C0933909 C0933904	C0933902		
DGMP 19	45 75 blue			C0933911	C0933910 C0933905	C0934008 C0933901		
DGMP 24	45 75 blue				C0934006 C0934007	C0934004 C0934005		

3/8 circle reverse cutting needle with precision point





DSMP 7	45 blue		C0930018					
DSMP 11	45 75 undyed		C0916122 C0916022					
DSMP 11	45 blue		C0936022	C0936014				
DSMP 13	45 75 undyed		C0916081	C0916133 C0916033	C0916134			
DSMP 13	45 blue		C0936081	C0936090	C0936103			
DSMP 16	45 75 undyed		C0912242	C0916143 C0916043	C0916144 C0916044			
DSMP 16	45 75 blue		C0936146 C0936143	C0936154 C0936650	C0936162			

Needle length mm	Thread length cm colour	USP (metric)						
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)

3/8 circle reverse cutting needle with precision point

 DSMP 19 	45			C0912247	C0916154	C0916155		
	75 undyed				C0916054	C0916055		
 DSMP 24 	45							
	75 undyed		C0936226	C0936227	C0936235	C0936243	C0936251	
 DSMP 30 	45				C0916308	C0916165		
	75 blue					C0916065		
 DSMP 39 	45		C0936280	C0936294		C0936316	C0936324	
	75 blue				C0936839	C0936812	C0936820	
 DSMP 30 	75					C0936952	C0936378	
	blue							
 DSMP 39 	75						C0934570	
	blue							

1/2 circle reverse cutting needle with precision point














 HSMP 15 	45			C0916618	C0916626			
	undyed							
 HSMP 15 	45			C0936618	C0936626	C0935418		
	blue							













Needle length mm	angle	diameter microns	Thread length cm colour	USP (metric)						
				11/0 (0.1)	10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)








3/8 circle round bodied needle micro needle

 DRm 3	135°	50µ	5	G1118064	G1118072				
			10	G1118366					
			15 black		G1117041				
 DRm 4	135°	70µ	10	G1118080	G1118099				
			black						
 DRm 4s	135°	140µ	10		G1118129	G1118137	G1118138		
			black						
 DRm 5	135°	100µ	15		G1118110	G1111434			
			black						
 2xDRm 5	135°	100µ	15		G1118250				
			black						

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle				Thread	USP (metric)						
length mm	angle	diameter microns	length cm colour		11/0 (0.1)	10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)
3/8 circle round bodied needle micro needle											
DRm 6 				15 black		G1118013	G1118161	G1118170			
	135°	140µ									
2xDRm 6 				15 30 black			G1118025 G1118535				
	135°	140µ									
1/2 circle round bodied needle micro needle											
HRm 4 				8 black	G1118374						
	180°	70µ									
HRm 8 				15 black				G1118030			
	180°	140µ									
Progressive curved round bodied needle micro needle											
PRm 4 				8 black		G1118463					
	95°/ 110°	70µ									
PRm 5 				13 black			G1118471				
	100°/ 90°	100µ									
PRm 5 				15 black				G1118390			
	100°/ 95°	140µ									
3/8 circle round bodied needle with short cutting point (mic)											
DRCm 3 				15 black		G1118048					
	135°	100µ									
2xDRCm 4 				15 black		G1118404					
	135°	140µ									
DRCm 5 				15 black			G1111140				
	135°	100µ									
2xDRCm 6 				15 black				G1118455			
	135°	140µ									
Progressive curved round bodied needle with short cutting point (mic)											
PRCm 5 				8 13 black		G1118412	G1118420				
	100°/ 90°	100µ									
2xPRCm 5 				3 black		G1118447					
	100°/ 90°	100µ									

Needle			Thread	USP (metric)						
length mm	angle	diameter microns	length cm colour	11/0 (0.1)	10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)
Progressive curved round bodied needle with short cutting point (mic)										
PRCm 6 		100°/ 95°	140µ	15 black				G1118439		
3/8 circle lancet micro needle										
DLm 4 		135°	125µ	15 black	G1110012					
DLm 5 		140°	150µ	15 30 black		G1118684 G1118838		G1111693		
2xDLm 5 		140°	150µ	30 black		G1118862	G1118032			
DLm 6 		140°	150µ	7 15 30 black		G1118331 G1118722 G1118749	G1118730 G1118757	G1118889		
2xDLm 6 		140°	150µ	5 15 30 45 black	G1111213	G1111272 G1118706 G1118528	G1118714	G1118870		
DLm 6s 		137°	200µ	15 30 45 black		G1118781 G1110225	G1118790	G1118579 G1110250 G1118854		
2xDLm 6s 		137°	200µ	30 45 black		G1118765	G1118773	G1111248		
1/2 circle lancet micro needle										
HLm 6 		160°	150µ	15 30 black		G1118625 G1118641	G1118633 G1118650			
2xHLm 6 		160°	150µ	30 black		G1118609	G1118617			
HLm 8 		175°	200µ	15 black				G1118560		
2xHLm 8 		175°	200µ	30 black		G1118737	G1118738	G1118530		

Needle			Thread	USP (metric)						
length mm	angle	diameter microns	length cm colour	11/0 (0.1)	10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)
Progressive curved lancet micro needle										
PLm 5 	90°/50°	150µ	12 black		G1110802					
2xPLm 5 	90°/50°	150µ	20 30 black		G1111922 G1110326					
1/4 circle lancet micro needle										
2xVLM 6s 	97°	200µ	30 black				G1111337			
1/2 circle lancet needle with micro-point										
 2xHLM 8 			45 blue							G0938210
1/4 circle lancet needle with micro-point										
 2xVLM 8 			45 blue							C0938106

Dafilon®

	Thread length cm colour	USP (metric)						
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
Pre-cut sutures								
3 threads of 45 cm	3 x 45 blue			C0436275	C0436283			
2 threads of 100 cm	2 x 100 blue	C0431249	C0431257	C0431265	C0431273	C0431290	B0431303	
1 thread of 150 cm	1 x 150 blue		C0432059	C0432067				
6 threads of 45 cm	6 x 45 blue	B0436532	B0436533	B0436534	B0436535	B0436536	B0436537	B0436538
	Thread length cm colour	USP (metric)						
		2 (5)	3 (6)	4 (6)	5 (7)	6 (8)	7 (9)	8 (10)
6 threads of 45 cm	6 x 45 blue				B0436540			
	Thread length cm colour	USP (metric)						
		3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
10 threads of 45 cm	10 x 45 blue	B0436658	B0436675					
6 threads of 60 cm	6 x 60 blue		B0436500			B0436503	B0436504	

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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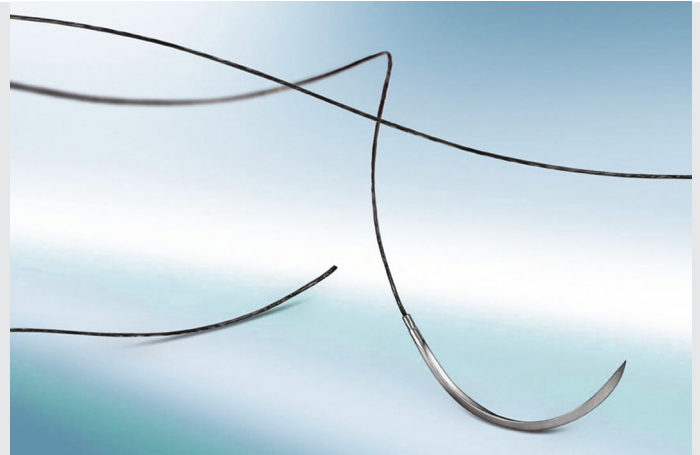
Supramid

Non-absorbable sutures

Description

Supramid is a non-absorbable synthetic suture made of polyamide, available in two different structures depending on suture diameter:

- Supramid pseudomonofilament consists of a core of polyamide 6.6 and a sheath of polyamide 6, ranging from USP 4/0 to 2.
- Supramid monofilament is made of polyamide 6 with a range from USP 6/0 to 5/0.



Supramid











Product overview














Polyamide, monofilament (USP 6/0 - 5/0) or Pseudo-monofilament (USP 4/0 - 2), uncoated








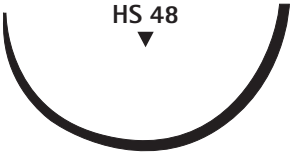




Colour	Black or white
Origin	Synthetic
Sizes	USP 6/0 (metric 0.7) to USP 2 (metric 5)
Type of absorption	Non-absorbable
Sterilisation	Gamma-irradiation

Supramid





Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
3/8 circle round bodied needle									
 DR 15	75 white			C0691097	C0691098				
1/2 circle round bodied needle									
 HR 17	75 black			C0710130	C0710148				
 HR 22	75 black				C0710245				
 HR 30	75 black					C0710474			
	75 white					C0690465			
Straight round bodied needle									
 GR 19	45 black			C0711292	C0711306				
1/2 circle round bodied needle with short cutting point									
 HRC 17	75 black			C0710149					
3/8 circle reverse cutting needle									
 DS 12	45	C0712060	C0712078	C0712086	C0712094				
	75 black		C0714070						
	45 white			C0692085					
 2xDS 12	45 white			C0699403					
 DS 16	45	C0712116	C0712124	C0712132	C0712140				
	75 black			C0714135					
	45 white			C0692131	C0692132				
 DS 19f	45 black			C0714060					

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
3/8 circle reverse cutting needle									
DS 19 	45		C0712191	C0712205	C0712213	C0712221			
	75 black			C0714208	C0714216	C0714224			
DS 24 	75 white				C0692212				
	45			C0712345	C0712353	C0712361	C0712370		
DS 24 	75 black				C0714356	C0714364	C0714372	C0714380	
	45 white				C0692352				
DS 30 	45				C0712469	C0712477	C0712485	C0712493	
	75 black				C0714461	C0714470	C0714488		
DS 30 	75 white						C0694487		
	75 black					C0712612			
DS 35 	75 white						C0692620		
	75 black								
DS 39 	75 black				C0712540	C0712558	C0712566	C0712574	
DS 48 	75 black								B0712604
DS 60 	100 black								B0715827
Easyslide 									
1/2 circle reverse cutting needle									
HS 15 	45 black		C0712035	C0712043	C0712051				
HS 21 	45 black		C0712248	C0712256	C0712264				
	45 75 white				C0692263 C0692719				
HS 23 	45 black				C0712302				

Supramid

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle reverse cutting needle									
 HS 26	75				C0712418	C0712426	C0712434		
	90				C0712419	C0710101	C0712435		
	120 black				C0710103	C0710102	C0710104		
 HS 26s	75							C0712442	
	90							C0715370	
	120 black							C0710105	
 HS 30	75 white					C0692689			
 HS 37	75 white						C0692549		
 HS 40s	120 white							B0694770	
 HS 48	75 white							C0692859	
Straight reverse cutting needle									
 GS 51	75 black				C0712850				
	75 white					C0692964	C0692972		
3/8 circle reverse cutting needle with precision point									
 DSMP 11	45 black	C0716073	C0716081						
1/2 circle reverse cutting needle with precision point									
 HSMP 15	45 black		C0716189						
 HSMP 18	45 black			C0716219					

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/4 circle lancet needle with micro-point									
 VLM 8 	20 white			G0690008					
 2xVLM 8 	45 white		G0698642	G0698643					

Supramid

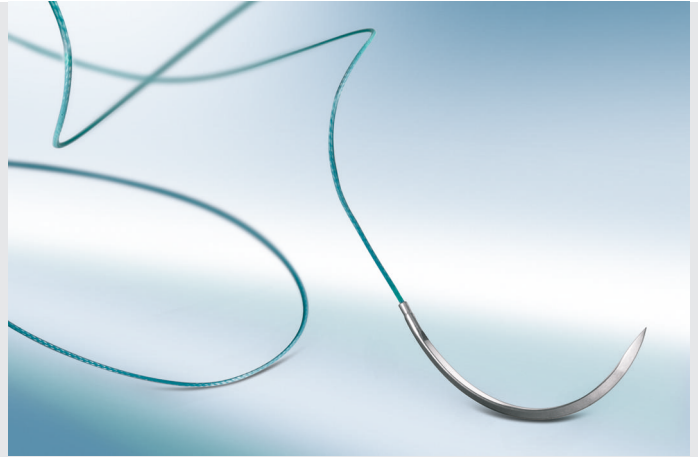
	Thread length cm colour	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
Pre-cut sutures									
5 threads of 45 cm	5 x 45 black	C0216445	C0216453	C0216461	C0216470				
1 thread of 75 cm	1 x 75 black		C0214051						
1 thread of 150 cm	1 x 150 black		C0212059	C0212067	C0212075	C0212091	C0212105	B0212113	
5 threads of 45 cm	5 x 45 white		C0196452	C0196460	C0196479				
1 thread of 150 cm	1 x 150 white		C0192058	C0192066	C0192074	C0192090	C0192104		
Ligature reels									
1 thread of 250 cm	1 x 250 white			G0190233		G0190250	G0190268		

Dagrofil®

Non-absorbable sutures

Description

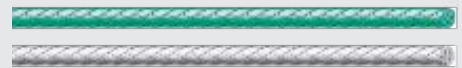
Dagrofil® is a non-absorbable non-coated braided synthetic multifilament composed of polyester fibres. Available in green or white.














Dagrofil®











Product overview

Polyester, braided, uncoated











Colour	Green or white
Origin	Synthetic
Sizes	USP 6/0 (metric 0.7) to USP 5 (metric 7)
Type of absorption	Non-absorbable
Sterilisation	Gamma-irradiation

Needle length mm	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
3/8 circle round bodied needle									
 2xDR 12	45 white		C0858188						
 DR 22	75 green						C0841366		
 DR 32	75 green				C0841587	C0841595	C0841609		
1/2 circle round bodied needle									
 HR 17	75 green		C0840130	C0840149					
	75 white			C0850144					
 HR 22	75 green		C0840297	C0840300	C0840319				
 HR 26	75 green			C0840416	C0840424	C0840432	C0840491		
	75 white				C0850420				
 HR 30	75 green			C0840467	C0840475	C0840483	C0840556	C0840440	
 HR 37	75 green					C0840521	C0840530		
 HR 37s	75 green					C0840522			
Straight round bodied needle									
 GR 19	45 green		C0841528						
1/2 circle round bodied needle with short cutting point									
 HRC 17	45 green			C0844149					

Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle round bodied needle with short cutting point										
	90 green					C0849350				
3/8 circle reverse cutting needle										
	45 white		C0858056							
	45 75 green	C0842125								
	45 white		C0852139							
	45 green	C0842192	C0842206	C0842214	C0842222					
	45 white		C0852201	C0852210						
	45 75 green			C0844357 C0842354	C0844365 C0842362					
	45 white			C0854352	C0850400					
	75 green					C0842478	C0842486	C0842494		
	75 green						C0842583	C0842591		
1/2 circle reverse cutting needle										
	45 green				C0842303					
	75 green					C0842427				
	75 green						C0842249	C0842257	C0842265	

Dagrofil®

Needle length mm	Thread length cm colour	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle reverse cutting needle										
 HS 37	75 green							C0842281		
 HS 37s	75 green							C0842273		
 HS 40	75 green									B0842648
Straight reverse cutting needle										
 GS 60	75 green				C0842664					
Needle length mm	Thread length cm colour	USP (metric)								
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	
3/8 circle reverse cutting needle with precision point										
 2xDSMP 11	45 green			C0848060						
 DSMP 13	45 green				C0846198					
	45 white					C0854336				
1/2 circle lancet needle with micro-point										
 2xHLM 8	45 green					G0848630				
1/4 circle lancet needle with micro-point										
 2xVLM 8	45 green			G0848430	G0848425					
	45 white				G0858420	G0858630				

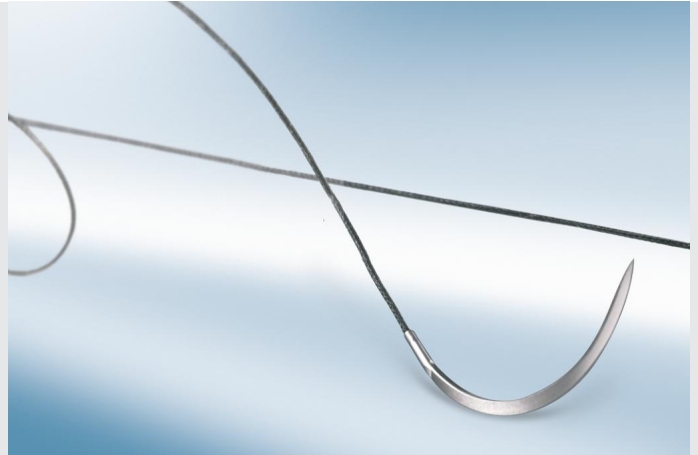
	Thread length cm colour	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
Pre-cut sutures									
3 threads of 45 cm	3 x 45 green	C0346241	C0346250	C0346268	C0346276	C0346292	C0346306		
5 threads of 45 cm	5 x 45 green		C0346454	C0346462	C0346470	B0346497	B0346500		
10 threads of 45 cm	10 x 45 green	C0346640	C0346659	C0346667	B0346675	B0346691			
17 threads of 45 cm	17 x 45 green			C0346861					
2 threads of 75 cm	2 x 75 green			C0344060	C0344079	C0344095	C0344109	B0344117	
1 thread of 150 cm	1 x 150 green		C0342050	C0342068	C0342076	C0342092	C0342106	B0342114	
	Thread length cm colour	USP (metric)							
		0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)	6 (8)	7 (9)
1 thread of 150 cm	1 x 150 green						B0342130		
1 thread of 150 cm	1 x 150 white			C0372102					
	Thread length cm colour	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
Ligature reels									
1 thread of 250 cm	1 x 250 green	G0341215	G0341223	G0341231	G0341240	G0341258	G0341266	G0341274	G0341282
1 thread of 250 cm	1 x 250 white		G0371243	G0371244	G0371245	G0371246	G0371247		

Silkam®

Non-absorbable sutures

DESCRIPTION

Silkam® is a non-absorbable, braided and coated suture, made of natural silk filaments. Silkam® is basically indicated for applications where it is surgical practice to employ non-absorbable suture material. Silkam® is available in black and white.



Silkam®














Product overview
















Natural silk filaments, braided, coated













Colour	Black or white
Origin	Natural
Sizes	USP 8/0 (metric 0.4) to USP 5 (metric 7)
Type of absorption	Non-absorbable
Sterilisation	Gamma-irradiation






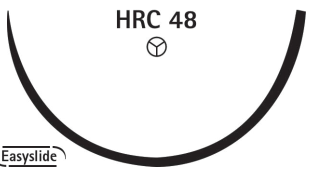



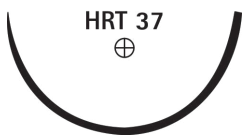
Needle-thread combination

Needle length mm	Thread length cm colour	USP (metric)								
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	
3/8 circle round bodied needle										
 DR 8	45 black			C0766542						
 2xDR 8	45 black	C0768529								
 DR 10	45 75 black			C0761010	C0761137					
 2xDR 10	45 75 black			C0769126 C0767220						
 DR 12	45 75 black			C0761060 C0765295	C0761079 C0765309	C0765317	C0765325			
 2xDR 12	45 75 black			C0769215			C0769240 C0769193			
 DR 13	75 black			C0761298						
 DR 15	45 75 black				C0761147	C0761133 C0765767		C0761150		
 DR 18	75 black				C0761192	C0761206	C0761214			
 DR 22	75 black						C0761311	C0761273		
 DR 32	75 black						C0761460	C0761478	C0761476	
Needle length mm	Thread length cm colour	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
 DR 32	75 black							C0761494	C0761508	
1/2 circle round bodied needle										
 HR 10	45 75 black	C0760021 C0764043	C0760030 C0764027	C0760048						

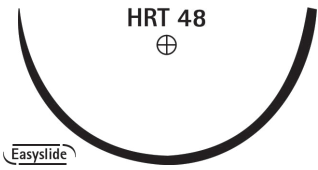






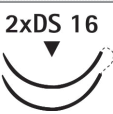

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle									
 HR 13 	75 black	C0764031							
HR 13 	45 75 black		C0760072	C0760080 C0764086	C0760099 C0764094				
HR 13 	4 x 45 black take off			B0766492	C0766501				
HR 17 	75 black		C0760129	C0760137	C0760145	C0760153			
HR 17 	4 x 45 black take off			B0766494	B0766128				
2xHR 17 	60 90 black			C0769029	C0769299				
 HR 20 	75 75 black				C0760235		C0760242		
HR 22 	75 90 black		C0760285	C0760293	C0760307 C0765374	C0760315			
 HR 26 	4 x 45 black				C0766200	C0766201			
HR 26 	75 90 black			C0760404	C0760412 C0765023	C0760420 C0765024	C0760439 C0765378	C0760447	
HR 26 	4 x 45 5 x 45 4 x 75 black take off			C0766498 B0766500	C0766168 B0766178	C0766169 B0767026			
HR 26s 	75 black							C0760927	

Needle-thread combination

Needle length mm	Thread length cm colour	USP (metric)								
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
1/2 circle round bodied needle										
 HR 26s take off	4 x 45 black					C0767023				
 HR 30	75 black				C0760463	C0760471	C0760480	C0760498		
 HR 30s	75 black								C0760951	C0760952
 HR 37	75 black				C0760501	C0760510	C0760528	C0760536	C0760544	
 HR 37s	75 black					C0760900	C0760960	C0760978	C0760986	
 HR 40	75 black					C0770477		C0770493	C0770507	
 HR 40s	75 black									C0760560
 HR 48	75 black								C0760625	B0760633
Straight round bodied needle										
 GR 19	45 75 black			C0761290 C0765511						
 GR 51	75 90 black					C0765554	C0761613			

Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
Ski Needle round bodied needle									
 SKR 19 <small>Easyslide</small>	20 150 black				C0764324	C0764319			
 SKR 26 <small>Easyslide</small>	30 black					C0764450			
3/8 circle round bodied needle with short cutting point									
 DRC 18	75 black				C0763223				
1/2 circle round bodied needle with short cutting point									
 HRC 17	4 x 45 75 black			C0760765	C0766506 C0760766	C0760767			
 HRC 26	75 black				C0760739	C0760740			
 HRC 48 <small>Easyslide</small>	90 black						B0769001		
3/8 circle round bodied needle with trocar point									
 DRT 18	75 black				C0763217				
1/2 circle round bodied needle with trocar point									
 HRT 17	4 x 45 75 black			C0763136	C0766127 C0763144	C0763152			
 HRT 26	75 black				C0763411	C0763420			
 HRT 37	75 black						C0763527		

Needle-thread combination








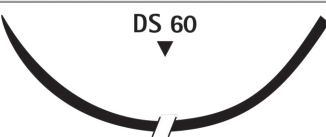
Needle length mm	Thread length cm colour	USP (metric)							
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)
1/2 circle round bodied needle with trocar point									
 <p>HRT 48</p>	90 black						C0769100		
3/8 circle round bodied needle with blunt point									
 <p>DRN 16</p>	45 2 x 45 black				C0766372 C0766390				
 <p>2xDRN 16</p>	60 black				G0766380				
Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle reverse cutting needle									
 <p>DS 9</p>	45 black	C0764000	C0762024						
 <p>DS 12</p>	45 75 black		C0762067 C0765066	C0762075 C0765074	C0762083 C0765082	C0762091 C0765597			
 <p>2xDS 12</p>	45 black		C0768464	C0768472	C0768480				
 <p>DS 16</p>	45 75 90 black		C0762113 C0764060	C0762121 C0764124	C0762130 C0764132	C0762148 C0764140 C0764064	C0762156 C0764159 C0764065		
 <p>2xDS 16</p>	45 75 black					C0767840	C0767158		
 <p>DS 19</p>	45 75 90 black		C0765171	C0762199 C0765198	C0762202 C0765201 C0765203	C0762210 C0765210 C0765212	C0762229 C0765228 C0764069	C0765236 C0765238	C0762384 C0761998

C Box of 36 units












B Box of 24 units












G Box of 12 units

M Box of 6 units

















Needle length mm	Thread length cm colour	USP (metric)							
		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle reverse cutting needle									
 DS 24	45			C0765120	C0765090	C0765104	C0765112		
	75 90 black				C0762342	C0762350	C0762369	C0762377	C0765117 C0761999
 DS 30	45					C0732354			
	75 black						C0765473 C0762474	C0765481 C0762482	C0762490
Needle length mm	Thread length cm colour	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
 DS 30	75 black							C0762504	
 DS 35 <small>Easyslide</small>	75 75 black			C0772410	C0772429	C0772437	C0764183		C0764184
 DS 39	75 black				C0762598	C0762601	C0762610	C0762628	
 DS 45	75 black					C0762636	C0762393		
 DS 48	75 black				C0764817	C0762814	C0762776	B0762784	
 DS 60	75 100 black						C0764892 B0760350		

Needle-thread combination

Needle length mm	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
1/2 circle reverse cutting needle									
 HS 9	75 black	C0762016							
 HS 15	45 75 black	C0762032 C0765490	C0762040 C0765503	C0762059					
 HS 18	45 black			C0762547					
 HS 21	45 75 black	C0762245 C0764876	C0762253 C0764825	C0762261 C0764248	C0762270 C0764175				
 HS 23	45 75 black			C0762300 C0764302	C0762326 C0764303				
 HS 26	45 75 90 120 black		C0762407	C0764400 C0762415 C0765782 C0760760	C0762423 C0765791 C0760758	C0762431 C0765805 C0760759			
 HS 26s	75 black						C0762440		
 HS 30	75 90 120 black			C0764612	C0764779	C0764620	C0764647 C0765392 B0760762	C0764698 B0765406 C0760280	
 HS 37s	75 90 120 black				C0762954	C0764388	C0762970 B0765571 B0760761	C0764396	
 HS 48	75 90 black						C0764582 C0764581	C0764590	
Straight reverse cutting needle									
 GS 51	75 100 black		C0764655	C0762741 C0764787	C0762750 C0764990	C0762760 C0765031	C0762768		

Needle length mm	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
Straight reverse cutting needle									
GS 60 	75		C0762644	C0762652	C0762660	C0762679	C0764690		
	100 black			C0764744	C0764752	C0764760	B0764762		
Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
3/8 circle reverse cutting needle with precision point									
DSMP 6  Easyslide	45 black	C0766020							
2xDSMP 6  Easyslide	45 black	C0768022							
DSMP 7  Easyslide	45 black		C0766038	C0766046					
2xDSMP 7  Easyslide	45 black		C0768073	C0768065					
DSMP 11  Easyslide	45 black			C0766070	C0766089				
2xDSMP 11  Easyslide	45 black		C0768260	C0768278					
DSMP 13  Easyslide	45 75 black			C0766186	C0766194 C0764191	C0766208			
2xDSMP 13  Easyslide	45 black					C0768863			
DSMP 16  Easyslide	45 75 black			C0766216	C0766224	C0766232 C0764230			
2xDSMP 16  Easyslide	45 black					C0767239			

Needle-thread combination

Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
3/8 circle reverse cutting needle with precision point									
 DSMP 19 	45 90 black				C0766704	C0766682	C0766690	C0766700 C0766677	
 DSMP 24 	45 75 black					C0766262	C0766275	C0766283 C0766049	
 DSMP 30 	75 black								C0762486
 DSMP 39 	75 black							C0766654	
1/2 circle reverse cutting needle with precision point									
 2xHSMP 7 	45 black			C0768790					
 HSMP 9 	45 black					C0766135			
 HSMP 15 	45 black			C0766136	C0766137	C0766138			
1/4 circle lancet needle with micro-point									
 2xVLM 8 	45 black		G0768758	G0768723	G0768731				

	Thread length cm colour	USP (metric)							
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)
Pre-cut sutures									
3 threads of 45 cm	3 x 45 black		C0266248	C0266256	C0266264	C0266272	C0266299	C0266302	C0266310
5 threads of 45 cm	5 x 45 black			C0266450	C0266469	C0266477	B0266493	B0266507	
10 threads of 45 cm	10 x 45 black	C0266639	C0266647	C0266655	C0266663	B0266671	B0266698		
12 threads of 45 cm	12 x 45 black		C0268640	C0268658	C0268666				
17 threads of 45 cm	17 x 45 black		C0266841	C0266850	C0266868	B0266876			
5 threads of 60 cm	5 x 60 black					C0265373			
10 threads of 60 cm	10 x 60 black				C0263664	B0263672	B0263680		
13 threads of 60 cm	13 x 60 black		C0263842	C0263850	C0263869	B0263877	B0263893		
15 threads of 60 cm	15 x 60 black		C0284840	C0284858	C0284866	B0284874	B0284890	B0284904	
1 thread of 75 cm	1 x 75 black			C0265152					
2 threads of 75 cm	2 x 75 black				C0264067	C0264075	C0264091	C0264105	B0264113
5 threads of 75 cm	5 x 75 black		C0264440	C0264458	C0264466	C0264474	B0264490	B0264504	
10 threads of 75 cm	10 x 75 black		C0264644	C0264652	C0264660	B0264679	B0264695	B0264696	
1 thread of 150 cm	1 x 150 black		C0262048	C0262056	C0262064	C0262072	C0262099	C0262102	B0262110
	Thread length cm colour	USP (metric)							
		3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)
1 thread of 150 cm	1 x 150 black							B0262129	B0262137
2 threads of 150 cm	2 x 150 black					B0262609			
1 thread of 180 cm	1 x 180 black	C0268054	C0268062	C0268070	C0268097				



Needle-thread combination

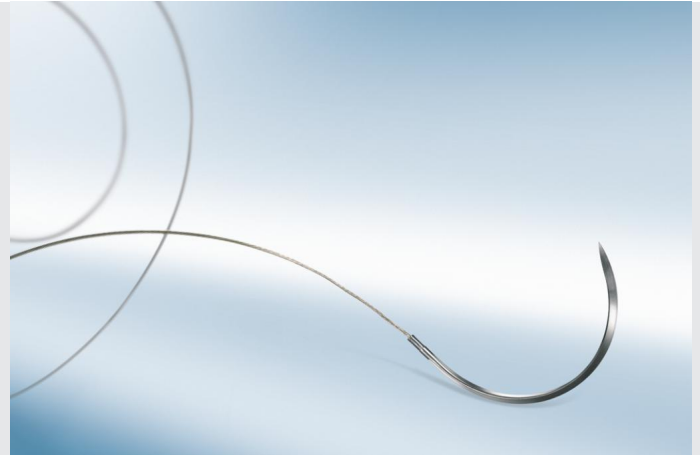
	Thread length cm colour	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
Ligature reels									
1 thread of 250 cm	1 x 250 black	G0260410	G0260428	G0260436	G0260444	G0260452	G0260460	G0260479	
	Thread length cm colour	USP (metric)							
		0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	5 (7)	6 (8)	7 (9)
1 thread of 250 cm	1 x 250 black						G0260487		
1 thread of 250 cm	1 x 250 white			G0230260			G0230286		

Steelex[®]

Non-absorbable sutures

DESCRIPTION

Steelex[®] is a non-absorbable, twisted or monofilament suture, made of corrosion-resistant steel.



Steelex[®]





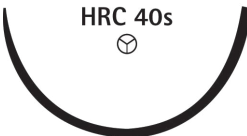





Product overview

Stainless steel, monofilament or twisted, uncoated



Colour	metallic
Origin	Metal
Sizes	USP 5/0 (metric 1) to USP 7 (metric 9)
Type of absorption	Non-absorbable
Sterilisation	Gamma-irradiation

Needle-thread combination


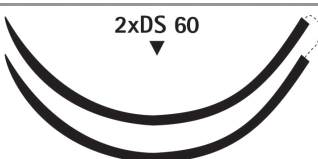
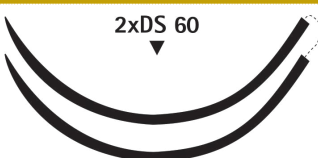


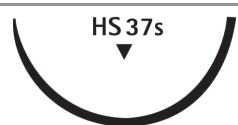
Needle length mm	Thread length cm structure	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
1/2 circle round bodied needle										
 HR 22	75 metallic	G0610283								
 HR 26	4 x 45 metallic					G0593019	G0593020			
 HR 30	75 metallic			G0610461						
 HR 37ss	4 x 45 metallic						G0593052			
1/2 circle round bodied needle with short cutting point										
 HRC 40s	45 metallic						G0613001			
1/2 circle round bodied needle with trocar point										
 HRT 40	45 metallic						G0613410			
3/8 circle reverse cutting needle										
 DS 19	45 75 metallic	G0612197		G0595209	G0595217					
 DS 24	45 75 metallic		G0612340	G0612359 G0594350						
 DS 30	45 75 metallic				G0612472 G0592471					
 DS 39	45 metallic				G0592793					

C Box of 36 units

B Box of 24 units

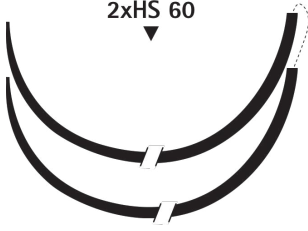
G Box of 12 units

M Box of 6 units

Needle length mm	Thread length cm structure	USP (metric)								
		5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
3/8 circle reverse cutting needle										
 DS 45	60 metallic								G0595230	
 2xDS 60	75 metallic								G0599409	
Needle length mm	Thread length cm structure	USP (metric)								
		1 (4)	2 (5)	3 (6)	4 (6)	5 (7)	6 (8)	7 (9)	8 (10)	
 2xDS 60	75 metallic			G0599417						
Needle length mm	Thread length cm structure	USP (metric)								
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)	
1/2 circle reverse cutting needle										
 HS 26	45 metallic		G0612413							
 HS 26s	45 metallic					G0593508				
 HS 37s	60 75 metallic			G0595950	G0592960					

Steelex[®]

Needle-thread combination

Needle length mm	Thread length cm structure	USP (metric)								
		2 (5)	3 (6)	4 (6)	5 (7)	6 (8)	7 (9)	8 (10)	9 (11)	
1/2 circle reverse cutting needle										
										
	75 metallic				G0599530					

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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	Thread length cm structure	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
Ligature reels									
1 thread of 150 cm	1 x 150 metallic	G0112046	G0112054	G0092061	G0092070	G0092096	G0092100		
1 thread of 250 cm	1 x 250 metallic					G0094153			
Pre-cut sutures									
6 threads of 45 cm	6 x 45 metallic		G0098442	G0098469	G0098477	G0098485	G0098493	G0098507	
	Thread length cm structure	USP (metric)							
		3 (6)	4 (6)	5 (7)	6 (8)	7 (9)	8 (10)	9 (11)	10 (12)
6 threads of 45 cm	6 x 45 metallic			G0098515	G0098523	G0098531			
	Thread length cm structure	USP (metric)							
		4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	4 (6)
3 threads of 60 cm	3 x 60 metallic			G0094269	G0094277	G0094285			

SETS

Surgical Loop

Steelex® Sternum-Set

Steelex® Electrode-Set

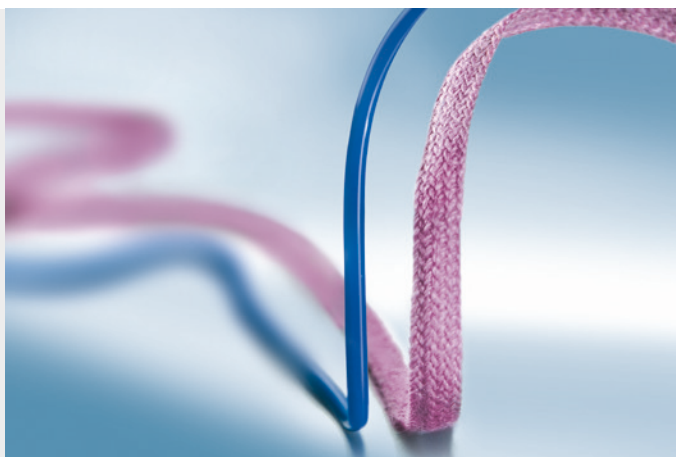
Pro-Set

Surgical Loop

FOR RETRACTION OF ORGANS

DESCRIPTION

Surgical Loop consists of retraction tapes made of radio-paque silicone or cotton. The surgical tapes are used for the intraoperative isolation, marking and looping of organs, blood vessels, tendons and nerves.



Surgical Loop

Product overview

Structure Tube, braided tape



Color White, blue, green, yellow, red, violet

Chemical composition Silicone or cotton

Coating Uncoated

Origin Synthetic, natural

Sizes 1.5 + 2.5 mm (silicone)
4 + 8 mm (cotton)





Type of absorption Non-absorbable

Sterilisation Ethylene oxide





Surgical Loop

FOR RETRACTION OF ORGANS

RADIOPAQUE SILICONE TUBE

Diameter	Length	Units / box	Color / code			
						
1.5 mm	2 x 45 cm	24	B1095048	B1095021	B1095030	B1095013
1.5 mm	75 cm	24	B1095242	B1095226	B1095234	B1095218
2.5 mm	2 x 45 cm	24	B1095145	B1095129	B1095137	B1095110
2.5 mm	75 cm	24	B1095544	B1095528	B1095536	B1095510

COTTON BRAIDED TAPE

Width	Length	Units / box	Color / code			
						
4 mm	2 x 38 cm	24	B1094920			
4 mm	75 cm	24	B1095641	B1095633	B1095625	B1095650
8 mm	75 cm	24	B1095676		B1095668	

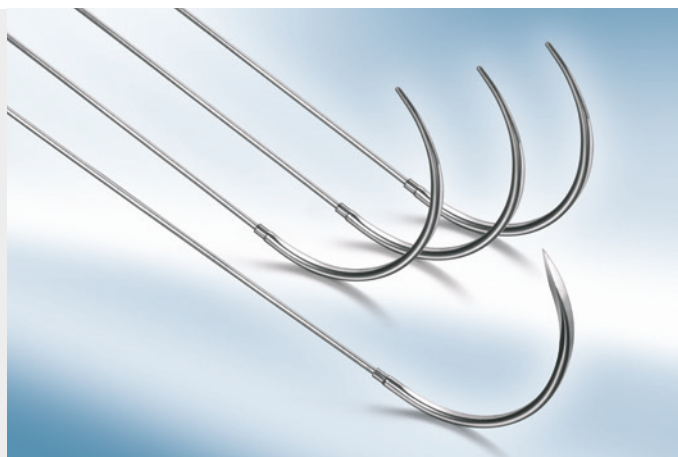
Steelex® Sternum-Set

FOR STERNUM CLOSURE

DESCRIPTION

Steelex® Sternum-Set is a non-absorbable corrosion-resistant steel monofilament to which a fixed or rotating needle (axial) is attached. Steelex® Sternum-Set is available in sternum, short cutting and blunt point needles.

Also available in polyester sutures (PremiCron®) to improve handling and knotting properties.



Steelex® Sternum-Set

Product overview

Structure Monofilament (Steelex®) or braided (PremiCron®)



Color Metallic (Steelex®) or green (PremiCron®)

Chemical composition Stainless steel or polyester

Coating Uncoated or silicone

Origin Metal or synthetic










Sizes USP 1 (4 metric) - USP 7 (9 metric)
or USP 2 and 5 (PremiCron®)

Type of absorption Non-absorbable

Sterilisation Ethylene oxide or gamma-irradiation

Steelex® Sternum-Set

FOR STERNUM CLOSURE
Steelex® PRODUCT RANGE

Needle length mm	Thread length cm	USP metric						
		1 4	2 5	3 6	4 6	5 7	6 8	7 9
1/2 circle round bodied needle with sternum point								
 HRS 40	4 x 45 4 x 45 axial 5x45	G0617835 G0617851	G0617838 G0617848 G0617839		G0617854			
 HRS 48	2 x 45 4 x 45 4 x 45 axial 5 x 45 8 x 45		G0617780		G0617784 G0617792	G0617717 G0617733 G0617718 G0617559	G0617706 G0617814 G0617806 G0617815	G0617795 G0617796 G0617798
 HRS 48 Sow	45 45 axial					G0617555 G0617545	G0617556 G0617546	
 HRS 48 Sow	75 75 axial					G0617579 G0617563	G0617580 G0617564	
 HRS 55	75					G0617020		
 HRS 60	4 x 45 4 x 45 axial 6 x 45					G0617742 G0617741	G0617737	G0617736
 HRS 60	2 x 75 2 x 75 axial					G0617776 G0617750		
 HRS 60 Sow	45 45 axial					G0617864 G0617865		
 HRS 60 Sow	75 75 axial					G0610008 G0617040		

C Box of 36 units


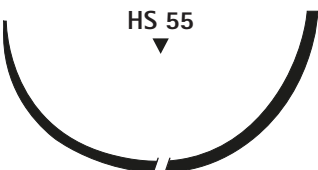
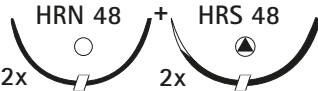


B Box of 24 units

G Box of 12 units




M Box of 6 units

Steelex[®] Sternum-Set

FOR STERNUM CLOSURE

Needle length mm	Thread length cm	USP metric						
		1 4	2 5	3 6	4 6	5 7	6 8	7 8
1/2 circle reverse cutting needle								
 HS 48	4 x 45				G0617681			
 HS 55	2 x 75 axial					G0617682		
COMBO								
 HRN 48 + HRS 48 2x	4 x 45					G0617880	G0617881	G0617882
 HRN 48 + HRS 48 3x	4 x 45					G0617995	G0617996	
 HRN 48 + HRS 48 4x	6 x 45						G0617901	

PremiCron[®] Product range non-absorbable braided and coated suture made of polyester fibres

1/2 circle round bodied needle with sternum point								
 HRS 40	4 x 75		B0026766					
 HRS 48	4 x 75		B0026767			G0026702		
 HRS 60	4 x 75					G0026705		

C Box of 36 units

B Box of 24 units

G Box of 12 units

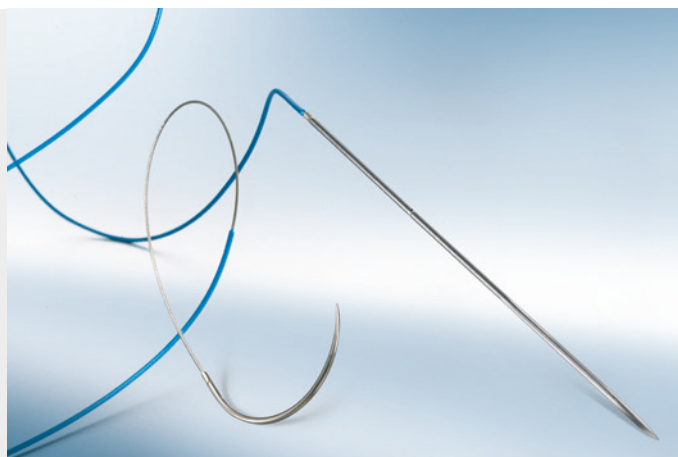
M Box of 6 units

Steelex[®] Electrode-Set

FOR THE CONTROL AND TREATMENT OF ARRHYTHMIAS


DESCRIPTION

The Steelex[®] Electrode-Set is a temporary cardiac pacing wire used to treat arrhythmias during and after open heart surgery. It consists of a twisted stainless steel, multistrand wire partially insulated with a sheath of blue or white polyethylene.



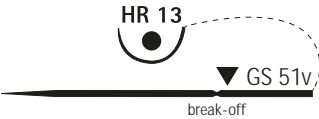
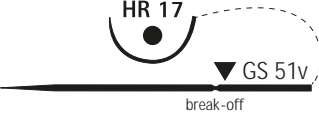


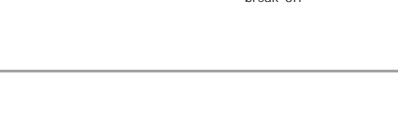



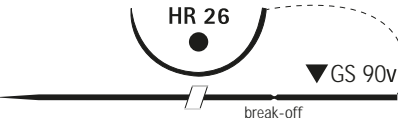

Steelex[®] Electrode-Set

Product overview

Structure	Twisted
	
Color	Blue and white
Chemical composition	Stainless steel
Coating	Insulated with polyethylene
Origin	Metal
Sizes	USP 3/0 (2 metric) - USP 0 (3.5 metric)
Type of absorption	Non-absorbable
Sterilisation	Ethylene oxide

Steelex[®] Electrode-Set

FOR THE CONTROL AND TREATMENT OF ARRHYTHMIAS

Needle length mm	Thread length cm (color)	USP metric						
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4
1/2 circle round bodied needle and break off straight cutting needle								
	2 x 60 B&W				C0990008			
	60 Blue				C0992054			
	2 x 60 B&W				C0992702			
	60 Blue				C0992038			
	2 x 60 B&W				C0992703			
	60 Blue				C0992046	C0992097	C0992100	
	2 x 60 Blue					C0992045		
	2 x 60 B&W				C0992704	C0992701		
	60 Blue				C0992130	C0992131		
	2 x 60 B&W				C0992720	C0992721	B0992722	

C Box of 36 units

B Box of 24 units

G Box of 12 units

M Box of 6 units

Needle length mm	Thread length cm (color)	USP metric						
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4
3/8 circle round bodied needle and break off straight cutting needle								
	60 Blue					C0992110		
	2 x 60 B&W						B0992710	
1/2 circle round bodied needle with short cutting point and break off straight cutting needle								
	60 Blue				C0992062			
	60 Blue				C0992041			

Pro-Set

SUTURE SETS CUSTOMIZED TO YOUR PARTICULAR NEEDS

INDIVIDUALLY TAILORED TO YOUR NEEDS DURING SURGERY

- Can include not only sutures but also other B. Braun products separately sterilized
- Various sizes available for specific surgical procedures / needs
- Reduces preparation time
- Simplifies the logistics of the medical procedure
- Sutures can be placed in order of use
- Comes provided with an adhesive label describing the set contents in order to simplify patient documentation

COST REDUCTION

- Standardises procedure
- Relieves clinical staff of organizational tasks
- Reduces administrative costs



Pro-Set

Product overview: sterile units available in three kinds of packaging

Mini-Pack

- For up to 8 suture foils
- A peel pack guarantees the sterile transfer



Two types of containers

- Single size for up to 14 suture foils
- Double size for up to 28 suture foils
- A blister allows the sterile transfer



MECHANICAL STAPLERS

Internal Staplers

Skin Staplers

INTERNAL STAPLERS

Linear Stapler

Linear Cutter

Circular Stapler

KOL Stapler

TST Stapler

Automatic Purse String

Endoliner Cutter Stapler

Linear Stapler

SINGLE USE STAPLER

DESCRIPTION

Single use internal linear stapler that puts double staggered rows of titanium staples, triple rows of staples in white reloads. It has application in Gastrointestinal, Thoracic surgery and Urology.



Linear Stapler

SINGLE USE STAPLER

Article No.	Staple Line Length	Rows of Staple	Staple Quantity	Staple Height	Color Code
LS3035	30 mm	2	13	3.5 mm	Blue
LSC3035	30 mm	2	13	3.5 mm	Blue
LS3048	30 mm	2	13	4.8 mm	Green
LSC3048	30 mm	2	13	4.8 mm	Green
LS30V3	30 mm	3	23	2.5 mm	White
LSC30V3	30 mm	3	23	2.5 mm	White
LS4535A	45 mm	2	15	3.5 mm	Blue
LS4548A	45 mm	2	19	4.8 mm	Green
LSC4535A	45 mm	2	15	3.5 mm	Blue
LSC4548A	45 mm	2	19	4.8 mm	Green
LS6035	60 mm	2	25	3.5 mm	Blue
LSC6035	60 mm	2	25	3.5 mm	Blue
LS6048	60 mm	2	25	4.8 mm	Green
LSC6048	60 mm	2	25	4.8 mm	Green
LS9035	90 mm	2	33	3.5 mm	Blue
LSC9035	90 mm	2	33	3.5 mm	Blue
LS9048	90 mm	2	33	4.8 mm	Green
LSC9048	90 mm	2	33	4.8 mm	Green

Linear Cutter

SINGLE USE STAPLER

DESCRIPTION

Single use internal linear stapler that cuts and puts double staggered rows of titanium staples. It has application in Gastrointestinal and Thoracic surgery for transection, resection and the creation of anastomosis.



Linear Cutter

SINGLE USE STAPLER

Article No.	Dimension	Staple Line Length	Cutting Length	Staple Quantity	Staple Height	Colour Code
LC6025	60 mm	65 mm	59 mm	64	2.5 mm	White
LCC6025	60 mm	65 mm	59 mm	64	2.5 mm	White
LC6038	60 mm	65 mm	59 mm	64	3.8 mm	Blue
LCC6038	60 mm	65 mm	59 mm	64	3.8 mm	Blue
LC6045	60 mm	65 mm	59 mm	64	4.5 mm	Green
LCC6045	60 mm	65 mm	59 mm	64	4.5 mm	Green
LC8038	80 mm	85 mm	79 mm	84	3.8 mm	Blue
LCC8038	80 mm	85 mm	79 mm	84	3.8 mm	Blue
LC8042	80 mm	85 mm	79 mm	84	4.2 mm	Golden
LCC8042	80 mm	85 mm	79 mm	84	4.2 mm	Golden
LC8045	80 mm	85 mm	79 mm	84	4.5 mm	Green
LCC8045	80 mm	85 mm	79 mm	84	4.5 mm	Green
LC10038	100 mm	105 mm	99 mm	104	3.8 mm	Blue
LCC10038	100 mm	105 mm	99 mm	104	3.8 mm	Blue
LC10045	100 mm	105 mm	99 mm	104	4.5 mm	Green
LCC10045	100 mm	105 mm	99 mm	104	4.5 mm	Green

Circular Stapler

SINGLE USE STAPLER

DESCRIPTION

Single use internal circular stapler that cuts and puts double staggered rows of titanium staples. It has application in Gastrointestinal surgery to create End-to-End or End-to-Side circular anastomosis in esophageal, gastric, intestinal and colorectal surgery.



Circular Stapler

SINGLE USE STAPLER

CIRCULAR STAPLER CURVED

Article No.	Figure	Description	Colour Code	Staple Quantity	Anvil Outside Diameter	Lumen Size
CSC21		Conventional	Orange	16	21.0 mm	13.0 mm
CSC21-A		Air-Sealed	Orange	16	21.0 mm	13.0 mm
CSC25		Conventional	White	20	25.0 mm	17.0 mm
CSC25-A		Air-Sealed	White	20	25.0 mm	17.0 mm
CSC29		Conventional	Blue	24	29.0 mm	20.5 mm
CSC29-A		Air-Sealed	Blue	24	29.0 mm	20.5 mm
CSC33		Conventional	Green	28	33.0 mm	24.8 mm
CSC33-A		Air-Sealed	Green	28	33.0 mm	24.8 mm



ENDOSCOPIC CIRCULAR STAPLER CURVED

Article No.	Color Code	Staple Quantity	Anvil Diameter	Blade Diameter
ECSC21	Orange	16	21 mm	13.0 mm
ECSC25	White	20	25 mm	17.0 mm
ECSC29	Blue	24	29 mm	20.5 mm
ECSC33	Green	28	33 mm	24.8 mm



CST PLATFORM

Article No.	Color Code	Staple Quantity	Anvil Diameter	Blade Diameter
CST21	Orange	16	21 mm	13.0 mm
CST25	White	20	25 mm	17.0 mm
CST29	Blue	24	29 mm	20.5 mm
CST33	Green	28	33 mm	24.8 mm



KOL Intraluminal Stapler

SINGLE USE STAPLER

DESCRIPTION

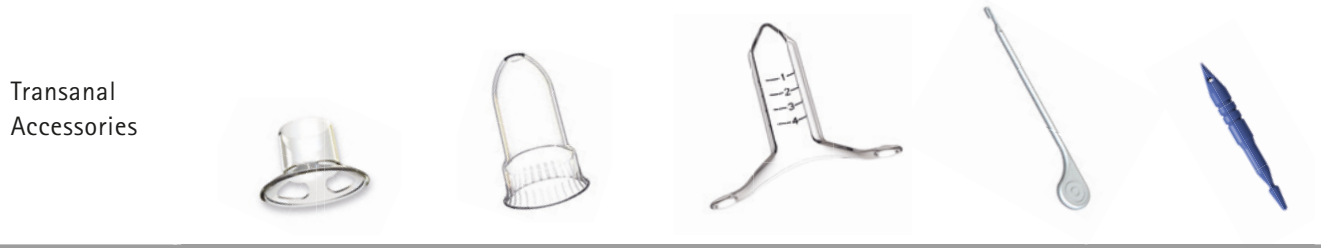
Single use internal circular stapler that cuts and puts double staggered rows of titanium staples. It has application in Colorectal surgery, being especially designed for Low Anterior Resection (classical KOL) as well as TaTME technique (new KOL).



KOL Intraluminal Stapler

SINGLE USE STAPLER

Article No.	Anvil Diameter	Color Code	Staple Quantity	Blade Diameter	Staple Height	Closed Staple Height	Housing Length / Volume
CSC29-KOL	29 mm	Blue	24	20.5 mm	5.0 mm	1.0 ~ 2.5 mm	4 cm / 12.6 cm ³
CSC33-KOL	33 mm	Green	32	24.8 mm	5.0 mm	1.0 ~ 2.5 mm	4 cm / 17.6 cm ³



TST Stapler (Tissue Selecting Therapy)

SINGLE USE STAPLER

DESCRIPTION

Single use internal circular stapler that cuts and puts double staggered rows of titanium staples. It has application in Colorectal surgery, being especially designed for hemorrhoids resection (TST33) or rectal prolapse resection (TST36).



TST Stapler (Tissue Selecting Therapy)

SINGLE USE STAPLER

TST33 – TISSUE SELECTING THERAPY STAPLER

Article No.	Anvil Diameter	Staple Quantity	Staple Height	Closed Staple Height	Staple Housing Volume
TST33-S180	33 mm	32	4.0 mm	0.75~1.5 mm	19 mL

Transanal
Accessoires



TST36 – TISSUE SELECTING THERAPY STAPLER

Article No.	Anvil Diameter	Staple Quantity	Staple Height	Closed Staple Height	Staple Housing Volume
TST36-S180	36 mm	34	4.2 mm	0.75~1.8 mm	35 mL

Transanal
Accessoires



Auto Purse String Clamp

SINGLE USE STAPLER

DESCRIPTION

Single use internal instrument for the placement of temporary purse-string, placing a circumferential strand of 2-0 nylon suture material held in place by stainless steel staples. It has application in Gastrointestinal surgery in esophageal, gastric, intestinal and colorectal surgery.



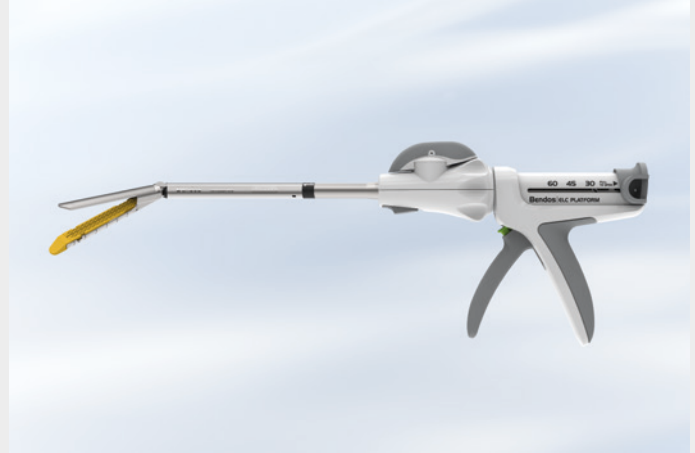
Article No.	Handle Length	Cartridge Length	Suture Length	Staple Quantity
APS45	310 mm	47 mm	690 mm	18
APS65	256 mm	67 mm	730 mm	28

Endoliner Cutter Stapler

SINGLE USE STAPLER

DESCRIPTION

Single use internal endoscopic linear stapler that cuts and puts triple staggered rows of titanium staples at different heights. It has application in Gastrointestinal, Thoracic surgery and urology for transection, resection and the creation of anastomosis.



Endoliner Cutter Stapler

SINGLE USE STAPLER

Handle Code	Shaft Length	Shaft Diameter
SELC-GS	60 mm	12 mm
SELC-GM	160 mm	12 mm
SELC-GL	260 mm	12 mm

Article No.	Staple Line Length	Staple Height	Closed Staple Height	Colour Code
SMG-30WR	30 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White
SMG-45WR	45 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White
SMG-60WR	60 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White
SMG-30BR	30 mm	2.5 / 3.0 / 3.5 mm	1.0 ~ 1.8 mm	Blue
SMG-45BR	45 mm	2.5 / 3.0 / 3.5 mm	1.0 ~ 1.8 mm	Blue
SMG-60BR	60 mm	2.5 / 3.0 / 3.5 mm	1.0 ~ 1.8 mm	Blue
SMG-45DR	45 mm	3.0 / 3.5 / 3.8 mm	1.2 ~ 2.0 mm	Golden
SMG-60DR	60 mm	3.0 / 3.5 / 3.8 mm	1.2 ~ 2.0 mm	Golden
SMG-45GR	45 mm	3.5 / 3.8 / 4.2 mm	1.5 ~ 2.25 mm	Green
SMG-60GR	60 mm	3.5 / 3.8 / 4.2 mm	1.5 ~ 2.25 mm	Green
SMG-30WRH	30 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White

Article No.	Staple Line Length	Staple Height	Closed Staple Height	Colour Code
SMG-45WRH	45 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White
SMG-60WRH	60 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White
SMT-45TR	45 mm	4.2 / 4.5 / 5.0 mm	2.25 ~ 3.0 mm	Black
SMT-60TR	60 mm	4.2 / 4.5 / 5.0 mm	2.25 ~ 3.0 mm	Black
SRG-30W	30 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White
SRG-45W	45 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White
SRG-60W	60 mm	2.0 / 2.5 / 3.0 mm	0.88 ~ 1.5 mm	White
SRG-30B	30 mm	2.5 / 3.0 / 3.5 mm	1.0 ~ 1.8 mm	Blue
SRG-45B	45 mm	2.5 / 3.0 / 3.5 mm	1.0 ~ 1.8 mm	Blue
SRG-60B	60 mm	2.5 / 3.0 / 3.5 mm	1.0 ~ 1.8 mm	Blue
SRG-45D	45 mm	3.0 / 3.5 / 3.8 mm	1.2 ~ 2.0 mm	Golden
SRG-60D	60 mm	3.0 / 3.5 / 3.8 mm	1.2 ~ 2.0 mm	Golden
SRG-45G	45 mm	3.5 / 3.8 / 4.2 mm	1.5 ~ 2.25 mm	Green
SRG-60G	60 mm	3.5 / 3.8 / 4.2 mm	1.5 ~ 2.25 mm	Green
SRT-45T	45 mm	4.2 / 4.5 / 5.0 mm	2.25 ~ 3.0 mm	Black
SRT-60T	60 mm	4.2 / 4.5 / 5.0 mm	2.25 ~ 3.0 mm	Black

SKIN STAPLERS

Manipler AZ

B. Braun Skin Stapler 35W – Advan

Skin staple remover

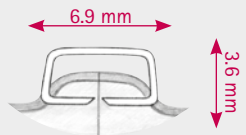
Manipler AZ

RELIABLE CONSISTENT PERFORMANCE

DESCRIPTION

The Manipler AZ is a sterile single-use skin stapler designed to deliver 35 stainless steel staples at the end of any surgical procedure. It offers reliable / intuitive handling, thus reducing the risk to the patient



Size	Content / box	Cat. No.	Shape and staple dim.
35 W Cartridge loaded with 35 wide staples	6 units	783100	

B. Braun Skin Stapler 35W – Advan

SINGLE USE STAPLER

DESCRIPTION

The B. Braun Skin Stapler 35W is a sterile single-use skin stapler designed to deliver 35 stainless steel staples at the end of any surgical procedure.



Product description	Staple information Type / No.	Staple Dimensions Crown / Leg	Article No.	Units per box
B. Braun Skin Stapler 35W	Wide / 35	7.2 mm / 4.9 mm	783106	5

Skin staple remover

FAST AND EASY

DESCRIPTION

The single-use and re-usable skin staple removers are designed to provide fast and easy removal of all types of surgical skin staples.



Product description	Article No.	Units per box
Single-use skin staple remover	783101	6
Single-use staple remover C-W	783104	20

MESHES

Non-absorbable meshes

Absorbable meshes

NON-ABSORBABLE MESHES

Premilene® Mesh

Premilene® Mesh Plug

Optilene® Mesh

Optilene® Mesh LP

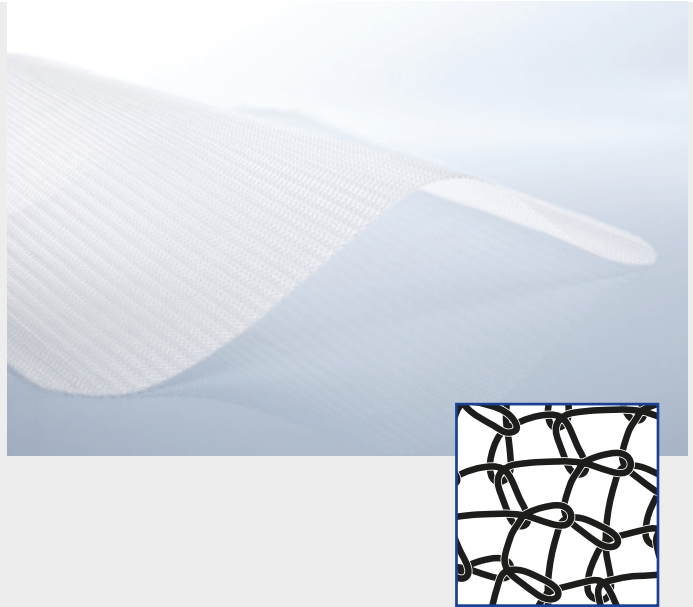
Optilene® Mesh Elastic

Premilene® Mesh

POLYPROPYLENE MESH FOR HERNIA REPAIR

DESCRIPTION

Premilene® Mesh is a mesh implant for re-inforcement of connective tissue structures. It is constructed from monofilament polypropylene, that has been knitted to a thin and elastic shape-stable mesh. After implantation the Premilene® Mesh adapts to the longitudinal and latitudinal expansions taking place in the connective tissue. Premilene® Mesh does not possess any independent pharmacological properties. The polypropylene mesh is biostable and is not degraded in the body.








Premilene® Mesh

Product features

Chemical composition	Polypropylene
Structure	Warp-knitted monofilament
Color	White / transparent
Type of absorption	Non-absorbable
Weight	82 g/m ²
Sterilization	Ethylene oxide
Pore size	0.8 mm

Premilene® Mesh

POLYPROPYLENE MESH FOR HERNIA REPAIR

Sizes	Units / box	Cat. No.	Shape
5 x 10 cm	5 pieces	1064315	Rectangle 
5 x 30 cm	5 pieces	1064445	
7.5 x 15 cm	5 pieces	1064425	
10 x 15 cm	5 pieces	1064495	
26 x 36 cm	5 pieces	1064465	
30 x 50 cm	5 pieces	1064475	
7.5 x 7.5 cm	5 pieces	1064415	Square 
15 x 15 cm	5 pieces	1064435	
30 x 30 cm	5 pieces	1064455	
4.5 x 10 cm	5 pieces	1064385	Hole / tail 
6 x 14 cm	5 pieces	1064375	
4.5 x 9.5 cm	5 pieces	1064325	Key hole 
6 x 12.5 cm	5 pieces	1064335	
4.5 x 10 cm	5 pieces	1064345	Pre-shaped 
6 x 14 cm	5 pieces	1064365	

Premilene® Mesh Plug

POLYPROPYLENE MESH FOR PLUG TECHNIQUE

DESCRIPTION

Premilene® Mesh Plug is a monofilament polypropylene mesh plug designed for the repair of recurrent hernias and can also be used for primary inguinal hernias. The plug adapts to the shape of the defect and the natural anatomy.



Premilene® Mesh Plug

Product features

Chemical composition	Polypropylene
Structure	Warp-knitted monofilament
Color	White / transparent
Type of absorption	Non-absorbable
Weight	82 g/m ²
Sterilization	Ethylene oxide
Pore size	0.8 mm

Premilene® Mesh Plug

POLYPROPYLENE MESH FOR PLUG TECHNIQUE

Premilene® MESH PLUG WITH ONLAY MESH

Plug	Plug depth	Onlay size	Units / box	Cat. No.	Shape
Small	2.5 cm	5 x 10 cm	5 pieces	1064605	
Medium	3.25 cm	5 x 10 cm	5 pieces	1064615	
Large	3.75 cm	5 x 10 cm	5 pieces	1064625	
Extra-large	4.5 cm	5 x 10 cm	5 pieces	1064635	

Premilene® MESH PLUG WITHOUT ONLAY MESH

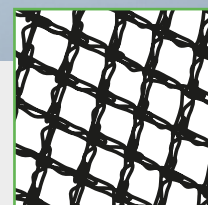
Plug	Plug depth	Onlay size	Units / box	Cat. No.	Shape
Small	2.5 cm	5 x 10 cm	5 pieces	1064603	
Medium	3.25 cm	5 x 10 cm	5 pieces	1064613	
Large	3.75 cm	5 x 10 cm	5 pieces	1064623	
Extra-large	4.5 cm	5 x 10 cm	5 pieces	1064633	

Optilene® Mesh

UNIVERSAL-LIGHT MESH FOR INGUINAL AND INCISIONAL HERNIA REPAIR

DESCRIPTION

Optilene® Mesh is a mesh implant for re-inforcement of connective tissue structures. It is constructed from monofilament polypropylene, that has been knitted to a thin and elastic shape-stable mesh. After Implantation the Optilene® Mesh adapts to the longitudinal and latitudinal expansions taking place in the connective tissue. Optilene® Mesh does not possess any independent pharmacological properties. The polypropylene mesh is biostable and is not degraded in the body.





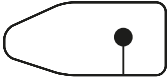

Optilene® Mesh

Product features

Chemical composition	Polypropylene
Structure	Warp-knitted monofilament
Color	White with blue stripes / transparent
Type of absorption	Non-absorbable
Weight	60 g/m ²
Sterilization	Ethylene oxide
Pore size	1.5 mm

Optilene® Mesh

UNIVERSAL-LIGHT MESH FOR INGUINAL AND INCISIONAL HERNIA REPAIR

Sizes	Units / box	Cat. No.	Shape
5 x 10 cm	5 pieces	1065020	<p>Rectangle</p> 
5 x 30 cm	5 pieces	1065050	
7.5 x 15 cm	5 pieces	1065030	
10 x 15 cm	5 pieces	1065040	
20 x 30 cm	5 pieces	1065160	
30 x 50 cm	5 pieces	1065170	
20 x 15 cm	5 pieces	1065180	
26 x 36 cm	5 pieces	1065060	
7.5 x 7.5 cm	5 pieces	1065070	
15 x 15 cm	5 pieces	1065080	
30 x 30 cm	5 pieces	1065090	
4.5 x 10 cm	5 pieces	1065140	<p>Hole / tail</p> 
6 x 14 cm	5 pieces	1065150	
6 x 12.5 cm	5 pieces	1065110	<p>Key hole</p> 
4.5 x 10 cm	5 pieces	1065120	
6 x 14 cm	5 pieces	1065130	<p>Preshaped</p> 

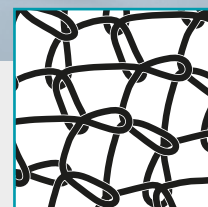
Optilene® Mesh LP

SUPER-LIGHT AND THIN-WALLED MESH WITH FULL TRANSPARENCY

DESCRIPTION

Optilene® Mesh LP is a mesh implant for re-inforcement of connective tissue structures. It is constructed from monofilament polypropylene, that has been knitted to a thin and elastic shape-stable mesh. After implantation the Optilene® Mesh LP adapts to the longitudinal and latitudinal expansions taking place in the connective tissue.

Optilene® Mesh LP does not possess any independent pharmacological properties. The polypropylene mesh is biostable and is not degraded in the body.








Optilene® Mesh LP

Product features

Chemical composition	Polypropylene
Structure	Warp-knitted monofilament
Color	White / transparent
Type of absorption	Non-absorbable
Weight	36 g/m ²
Sterilization	Ethylene oxide
Pore size (average)	1 mm

Optilene® Mesh LP

SUPER-LIGHT AND THIN-WALLED MESH WITH FULL TRANSPARENCY

Sizes	Units / box	Cat. No.	Shape
5 x 10 cm	5 pieces	1964735	Rectangle 
7.5 x 15 cm	5 pieces	1964715	
10 x 15 cm	5 pieces	1964725	
15 x 20 cm	5 pieces	1964855	
6 x 35 cm*	5 pieces	1964865	
8 x 35 cm*	5 pieces	1964875	
10 x 35 cm*	5 pieces	1964885	
7.5 x 7.5 cm	5 pieces	1964755	Square 
15 x 15 cm	5 pieces	1964705	
20 x 20 cm	5 pieces	1964895	
4.5 x 10 cm	5 pieces	1964765	Hole / tail 
6 x 14 cm	5 pieces	1964775	
6 x 12.5 cm	5 pieces	1964835	Key hole 
4.5 x 10 cm	5 pieces	1964825	Preshaped 
6 x 14 cm	5 pieces	1964845	

* For prevention of incisional hernia

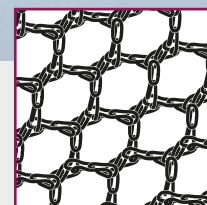
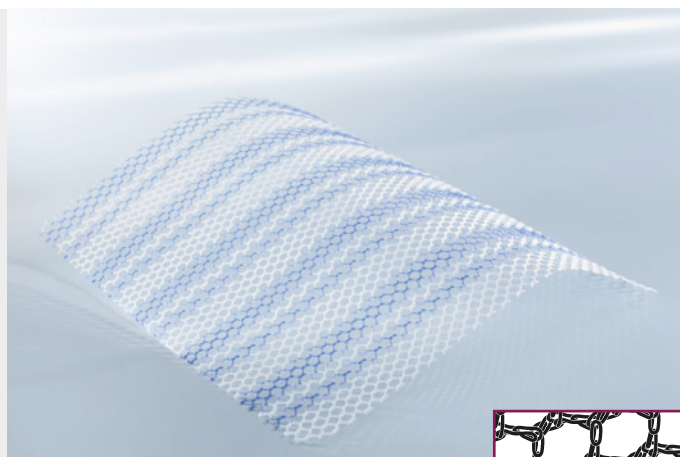
Optilene® Mesh Elastic

THIN, ELASTIC MESH IMPLANT FOR RE-INFORCEMENT OF CONNECTIVE TISSUE STRUCTURES

DESCRIPTION

Optilene® Mesh Elastic is a mesh implant for re-inforcement of connective tissue structures. It is constructed from monofilament polypropylene, that has been knitted to a thin and elastic shape-stable mesh. After implantation the Optilene® Mesh Elastic adapts to the longitudinal and latitudinal expansions taking place in the connective tissue.

Optilene® Mesh Elastic does not possess any independent pharmacological properties. The polypropylene mesh is biostable and is not degraded in the body.





Optilene® Mesh Elastic

Product features

Chemical Composition	Polypropylene
Structure	Warp-knitted monofilament
Color	White / transparent
Type of absorption	Non-absorbable
Weight	48 g/m ²
Sterilization	Ethylene oxide
Pore size	3.6 mm x 2.8 mm

Optilene® Mesh Elastic

THIN, ELASTIC MESH IMPLANT FOR RE-INFORCEMENT OF CONNECTIVE TISSUE STRUCTURES

Sizes	Units / box	Cat. No.	Shape
7.5 x 15 cm	5 pieces	1964930	Rectangle 
10 x 15 cm	5 pieces	1964920	
20 x 30 cm	5 pieces	1964940	
10 x 35 cm*	5 pieces	1964970	
30 x 50 cm	5 pieces	1964980	
15 x 15 cm	5 pieces	1964910	Square 
30 x 30 cm	5 pieces	1964900	

* For prevention of incisional hernia

ABSORBABLE MESHES

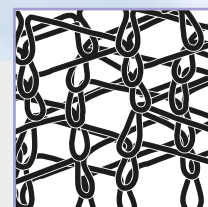
Safil® Mesh

Safil® Mesh

ABSORBABLE MESH FOR TEMPORARY WOUND SUPPORT

DESCRIPTION

Safil® Mesh is a warp-knitted mesh made of polyglycolic acid. Safil® Mesh is suitable to reinforce soft tissues in patients undergoing abdominal wall surgery or other fascial defects that require the addition of an absorbable reinforcing material to obtain the desired surgical result. Total absorption of the material after 60 to 90 days.





Safil® Mesh

Product features

Chemical Composition	Polyglycolic acid
Structure	Warp-knitted
Color	White / transparent
Type of absorption	Absorbable At 18 days, 50 % tensile strength complete absorption 60-90 days
Weight	56 g/m ²
Sterilization	Ethylene oxide
Pore size (average)	0.75 mm

Safil® Mesh

ABSORBABLE MESH FOR TEMPORARY WOUND SUPPORT

Sizes	Units / box	Cat. No.	Shape
18 x 28 cm	1 piece	1065503	Rectangle
15 x 25 cm	1 piece	1065504	
8 x 12 cm	3 pieces	1065508	
15 x 15 cm	1 piece	1065501	Square
30 x 30 cm	1 piece	1065500	

MESH FIXATION

Histoacryl® LapFix

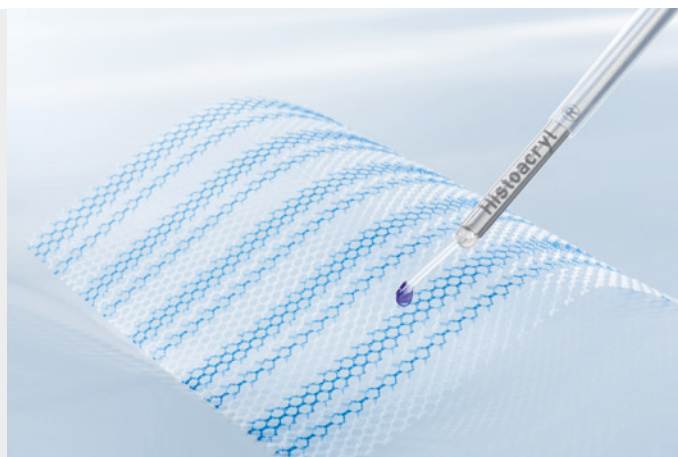
Histoacryl® LapFix

ATRAUMATIC MESH FIXATION FOR LAPAROSCOPIC HERNIA SURGERY

DESCRIPTION

Histoacryl® LapFix is a procedure pack designed for mesh fixation during laparoscopic inguinal hernia repair, especially with the TAPP and TEP technique.

The pack of Histoacryl® LapFix includes Histoacryl® (tissue adhesive), the Histoacryl® Lapfix Cannula (steel cannula) and the Injekt® Syringe 2 ML Luer Lock (syringe).



Description	Content	Cat. No.
Histoacryl® LapFix X1	2 x 0.5mL Histoacryl® ampoule	1052008
	1 x Histoacryl® LapFix cannula	
	1 x syringe Injekt 2mL Luer-Lock	
Histoacryl® LapFix X5	5 x 0.5mL Histoacryl® ampoule	1050165
	5 x Histoacryl® LapFix cannula	
	5 x syringe Injekt 2mL Luer-Lock	

BIOSURGICALS

Tissue adhesives

Hemostats

TISSUE ADHESIVES

Histoacryl®

Histoacryl® Flexible

Histoacryl® Octyl

DESCRIPTION

In addition to traditional skin suturing, surgeons can use a tissue adhesive.

The tissue adhesive Histoacryl® consists of monomeric n-butyl-2-cyanoacrylate, which polymerises quickly in connection with tissue fluid. Histoacryl® is available in two colors: translucent, special for facial application, and blue, which enables an easy control over the quantity applied.

The formation of esophageal and fundal varices is a common and dangerous consequence of portal hypertension. Effective sclerosation of these varices is possible with Histoacryl®. It can be employed for non-bleeding and for bleeding varices. Combined therapy with Histoacryl® and conventional sclerosation therapy is possible.



Color	Content / box	Cat. No.
Blue	5 ampoules of 0.5mL	1050052
Blue	10 ampoules of 0.5mL	1050044
Translucent	5 ampoules of 0.5mL	1050060
Translucent	10 ampoules of 0.5mL	1050071

Histoacryl® Flexible

IMPROVED CLOSURE OF SURGICAL INCISIONS

DESCRIPTION

The topical tissue adhesive and microbiological barrier product Histoacryl® Flexible consists of n-butyl-2-cyanoacrylate and a softener. For easy assessment of the thickness of the layer which has been applied, Histoacryl® Flexible is colored blue.



Color	Content / box	Cat. No.
Blue	5 ampoules of 0.5mL	1051250P

Histoacryl® Octyl

HIGH VISCOSITY TOPICAL SKIN ADHESIVE

DESCRIPTION

Histoacryl® Octyl is a sterile, high viscosity liquid topical skin adhesive containing a monomeric (2-octyl cyanoacrylate) formulation. It is provided in a single use aluminium collapsible tube applicator packaged in a rigid PETG blister with Tyvek lid. The applicator is comprised of a self-puncturing cap and a soft elastomeric tip, which allows the adhesive to spread uniformly. As applied to skin, the liquid is syrup-like in viscosity and polymerises within minutes. The increased viscosity in Histoacryl® Octyl is intended to reduce the risk of unintended placement of the adhesive during the application due to migration of the liquid adhesive from the wound site.



Color	Content / box	Cat. No.
Blue	10 tubes of 0.5mL	10520000
Blue	10 tubes of 1mL	10520010

HEMOSTATS

Sangustop®

Lyostypt®

Cellistypt®

Bone Wax

Sangustop®

LOCAL HEMOSTATIC AGENT FOR ALL TYPES OF BLEEDING

DESCRIPTION

Sangustop® is a felt-like hemostatic. It is composed of native absorbable collagen fibrils of bovine origin; in addition, Sangustop® contains riboflavin. The product is wet-stable and, thus, can be completely removed after hemostasis is achieved, if so desired. In addition to its good hemostatic properties Sangustop® is characterized by good shaping properties, softness and absorbency. Sangustop® possesses a high affinity to bloody surfaces. The felt structure being rich in surface offers an ideal framework for the adhesion of blood platelets and, thus, provides an additional impetus to clotting. Sangustop® is available in the form of rectangular pieces of various sizes.



Size	Content / box	Cat. No.
5 x 8 cm	1 piece	1069400
5 x 8 cm	2 pieces	1069550
5 x 8 cm	4 pieces	1069500
3 x 5 cm	4 pieces	1069600

DESCRIPTION

Lyostypt® is a wet-stable, felt-like collagen haemostatic and is composed of native, absorbable collagen fibrils of bovine origin. The product keeps its shape, even when it is soaked with blood, and, thus, can be completely removed after bleeding has stopped, if so desired. The felt structure being rich in surface offers an ideal framework for the adhesion of platelets and, thus, provides an additional impetus to clotting. Lyostypt® is radiation-sterilized and is available in the form of rectangular pieces of various sizes.



Size	Content / box	Cat. No.
3 x 5 cm	12 pieces	1069128
5 x 8 cm	6 pieces	1069152
5 x 8 cm	12 pieces	1069020
10 x 12 cm	4 pieces	1069209
5 x 30 cm	4 pieces	1069306
10 x 12 cm	8 pieces	1069039

Cellistyp[®]

OXIDIZED RESORBABLE CELLULOSE HEMOSTATS

DESCRIPTION

Cellistyp[®] is a sterile absorbable knitted fabric (Cellistyp[®] and Cellistyp[®] D-K) or a sterile absorbable soft layered material (Cellistyp[®] F and Cellistyp[®] N-W), prepared through the controlled oxidation of cellulose. The product's colour is white to slightly yellowish and it can be cut without fraying out.



Cellistyp[®]

Description	Code	Content
5 x 1.25 cm	208 0501	15
5 x 7 cm	208 0508	15
7 x 10 cm	208 0511	15
5 x 35 cm	208 0536	10
10 x 20 cm	208 0541	10
1.5 x 1.5 cm	208 0515	40

Cellistyp[®] D-K

Description	Code	Content
2.5 x 2.5 cm	208 1203	15
2.5 x 9 cm	208 1209	15
5 x 7.5 cm	208 1275	10
7 x 10 cm	208 1210	10
14 x 20 cm	208 1240	10

Cellistyp[®] F

Description	Code	Content
2.5 x 5 cm	208 2025	10
5 x 7.5 cm	208 2075	10
5 x 10 cm	208 2005	10
10 x 10 cm	208 2010	10
10 x 20 cm	208 2020	10

Cellistyp[®] N-W

Description	Code	Content
2.5 x 2.5 cm	208 3255	10
5 x 5 cm	208 3055	10
5 x 10 cm	208 3510	10
10 x 10 cm	208 3110	10

Bone Wax

HAEMOSTAT FOR BONE BLEEDING

DESCRIPTION

Bone Wax is a mechanical hemostat for mechanical stilling of bleeding at bones. Bone Wax is a sterile, non-absorbable mixture of beeswax (70%) and Vaseline (30%).



Format	Content / box	Cat. No.
2,5 gr	24 pieces	1029754

ENDOLUMINAL VACUUM THERAPY

Endo-SPONGE®

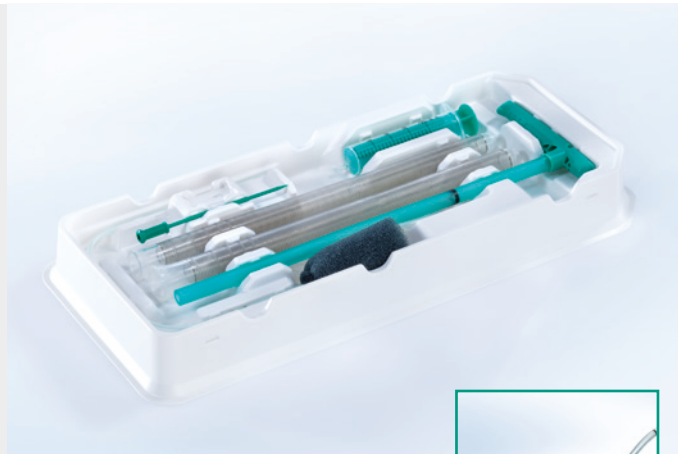
Eso-SPONGE®

Endo-SPONGE®

MINIMALLY INVASIVE METHOD FOR THE TREATMENT OF ANASTOMOTIC LEAKAGE

DESCRIPTION

Endoluminal vacuum therapy is a minimally invasive method for treatment of anastomotic leakage in the low rectal area.



Product description	Content / box	Cat. No.
Endo-SPONGE®	Single-kit	5526530
Endo-SPONGE®	5 sets	5526520
Endo-SPONGE®	10 sets	5526510

Accessory product description	Content / box	Cat. No.
Redyrob® TRANS PLUS	10 units	5526604

Eso-SPONGE®

MINIMALLY INVASIVE METHOD FOR THE TREATMENT AND PREVENTION OF OESOPHAGEAL LEAKAGE

DESCRIPTION

The Eso-SPONGE® is a minimally invasive method for the treatment of anastomotic leaks and perforations in the oesophageal region.



Product description	Content / box	Cat. No.
Eso-SPONGE®	13 mm Ø overtube Single-kit	5526550
Eso-SPONGE®	15 mm Ø overtube Single-kit	5526540

Vacuum source description	Content / box	Cat. No.
MV1, MTG Sulzbach	1 x Low vacuum pump	MTG19116
Bacterial filter	20 units	MTG18022
Collecting bottle	15 units	MTG18032

Information according to Regulation (EU) 2017/745 and Council Directive 93/42/EEC respectively:



Manufacturer of Product Novosyn Quick, Novosyn, Novosyn CHD, Monosyn Quick, Monosyn, MonoPlus, Monomax, Optilene, PremiCron, Dafilon, Supramid, Dagrofil, Silkam, Steelex, Surgical Loop, Steelex Sternum-Set, Steelex Electrode-Set, Pro-Set, Premilene Mesh, Premilene Mesh Plug, Optilene Mesh, Optilene Mesh LP, Optilene Mesh Elastic, Safil Mesh, Histoacryl LapFix, Histoacryl, Histoacryl Flexible, Sangustop, Lyostypt, Bone Wax, Endo-SPONGE, Eso-SPONGE: B. Braun Surgical, S.A. | Carretera de Terrassa, 121 | 08191 Rubí | Spain

The product trademarks Safil, Monosyn, Premilene, PremiCron, Dafilon, Dagrofil, Silkam, Steelex, Histoacryl, Lyostypt are registered trademarks of B. Braun Melsungen AG. The product trademarks RacePack, Novosyn, MonoPlus, Monomax, Optilene, Sangustop, Cellistypt, Endo-SPONGE, Eso-SPONGE are registered trademarks of Aesculap AG.

CE 0123

Manufacturer of Single-use skin staple remover:
Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany
CE 0123

Manufacturer of Product Redyrob TRANS PLUS:
B. Braun Melsungen AG | Carl-Braun-Straße 1 | 34212 Melsungen | Germany
The product trademark Redyrob is registered trademark of B. Braun Melsungen AG
CE 0123

Manufacturer of Product Cellistypt:
Synthesia, a.s. | Semtín 103 | 530 02 Pardubice | Czech Republic
CE 0123

Manufacturer of Product Histoacryl Octyl:
Chemence Medical, Inc. | 200 Technology Drive | Alpharetta | GA 30005 | USA
CE 2797

Manufacturer of Product Linear Stapler, Linear Cutter, Circular Stapler, KOL Stapler, TST Stapler, Automatic Purse String, Endolinear Cutter Stapler:
Touchstone International Medical Science Co., Ltd. | 21 A Science Plaza | International Science Park | No. 1355 Jinjihu Avenue | Suzhou | China
CE 0123

Manufacturer of Product B. Braun Skin Stapler 35W – Advan, Single-use staple remover C-W:
Ningbo Advan Electrical Co., Ltd. | Industrial Development Zone | Fuhai Town | Cixi City | China
CE 0123

Manufacturer of Product Low vacuum pump MV1, MTG Sulzbach:
MTG Medizinische-Technische Gerätebau GmbH | Zur Seilscheibe 10 | 66280 Sulzbach / Saar | Germany
CE 0483

Manufacturer of Product Bacterial filter:
GVS Filter Technology UK Ltd. | Mellishaw Lane | Morecambe Lancashire | LA3 3EN | United Kingdom
CE 0086

Manufacturer of Product Collecting bottle:
Primed Halberstadt Medizintechnik GmbH | Strasse des 20. Juli 1 | 38820 Halberstadt | Germany
CE 0482



Distributor of Product Redyrob TRANS PLUS, Single-use skin staple remover, Cellistypt, Product Low vacuum pump MV1, MTG Sulzbach, Bacterial filter, Collecting bottle:
B. Braun Surgical, S.A. | Carretera de Terrassa, 121 | 08191 Rubí | Spain



Importer of Product Linear Stapler, Linear Cutter, Circular Stapler, KOL Stapler, TST Stapler, Automatic Purse String, Endolinear Cutter Stapler, B. Braun Skin Stapler 35W – Advan, Single-use staple remover C-W, Histoacryl Octyl:
B. Braun Surgical, S.A. | Carretera de Terrassa, 121 | 08191 Rubí | Spain



European Authorized Representative of Product Product Linear Stapler, Linear Cutter, Circular Stapler, KOL Stapler, TST Stapler, Automatic Purse String, Endolinear Cutter Stapler, B. Braun Skin Stapler 35W – Advan, Single-use staple remover C-W:
Shanghai Internatioal Trading Corp. GmbH (Hamburg) | Eiffestrasse 80 | 20537 Hamburg | Germany

European Authorized Representative of Product Histoacryl Octyl:
Atlantico Systems | 34 Oldfield | Kingston | Galway | Ireland

B. Braun Surgical, S.A. | Carretera de Terrassa, 121 | 08191 Rubí | Spain

Phone +34 935 86 62 00 | Fax +34 935 88 10 96 | www.bbraun.com

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