



LETTER OF AUTHORIZATION

To: whom it may concern

We, Assut Medical Sàrl located in Pully-Lausanne, Switzerland (tel.+41.21.728.64.35), are a manufacturer of sterile surgical sutures. Our general catalogue show only the most sold products worldwide but do not reflect the thousands of different sutures we are able to manufacture. We are a manufacturer of atraumatic needles (not an assembler like many other companies) and we are thus able to offer various products that sometimes are not mentioned in our general catalogue.

We, thus hereby authorize our representative for the Republic of Moldova – Medec Service SRL, or Chişinău, str. Academiei 3, of. 120, Republica Moldova, represented by Mr. Alexandru Captari to bid on their behalf and their own account in the Tender Nr. 21043173 with all our sterile surgical sutures including the following products manufactured by Assut Medical Sàrl, Switzerland which are not included in our catalogue:

- lot. 38 - REF CV739706x4 ,HSRG 50 (1/2c. cutting taper, 50mm) USP -6-, 4x45cm
- lot. 39 - REF CV739707x4 (HSRG 50 (1/2c. cutting taper, 50mm) USP -7-, 4x45cm
REF CV73980x4 HSRG 50 (1/2c. cutting taper, 50mm) USP -7-, 4x75cm
- lot. 41 -PTFE Pledgets Multipack 5x round firm pledgets 3x3x1.5mm per envelope
REF PRF3315x5
- lot. 48 - AssuCryl® MonoSlow (PDO) TS 17-17mm USP 5-0 75cm violet REF MS4542
- lot. 49 - AssuCryl® MonoSlow (PDO) TS 12-12mm USP 5-0 75cm violet REF MS4522
- lot. 52 - Astralen/Polyester 2xHR 20-20mmUSP 2-0 75cm green REF 38755
- lot. 53 - Astralen/Polyester 2xHR 20-20mm USP 3-0 75cm green REF 38754
- lot. 58 - AssuCryl® Lactin (PGLA) HSR 38-38mm USP 3-0, 75cm violet REF L4384
- lot. 59 - AssuCryl® Lactin (PGLA) HS 17-17mm USP 3-0, 75cm violet REF L4674
- lot. 64 - Silk black braided HR 25-25mm USP -0-, 75cm black (USP -0-/Metric 3.5)
REF 62456
- lot. 66 - Silk black braided HS 27-27mm USP 3-0, 45cm black REF 6704F
- lot.139 - Silk black braided HS 27-27mm USP 3-0, 75cm black REF 6704
- lot. 146 - Silk black braided TS 40-40mm USP 2-0, 75cm black REF 65935

Assut Medical Sàrl

Assut Medical Sàrl
Case postale 5
1009 Pully / Switzerland

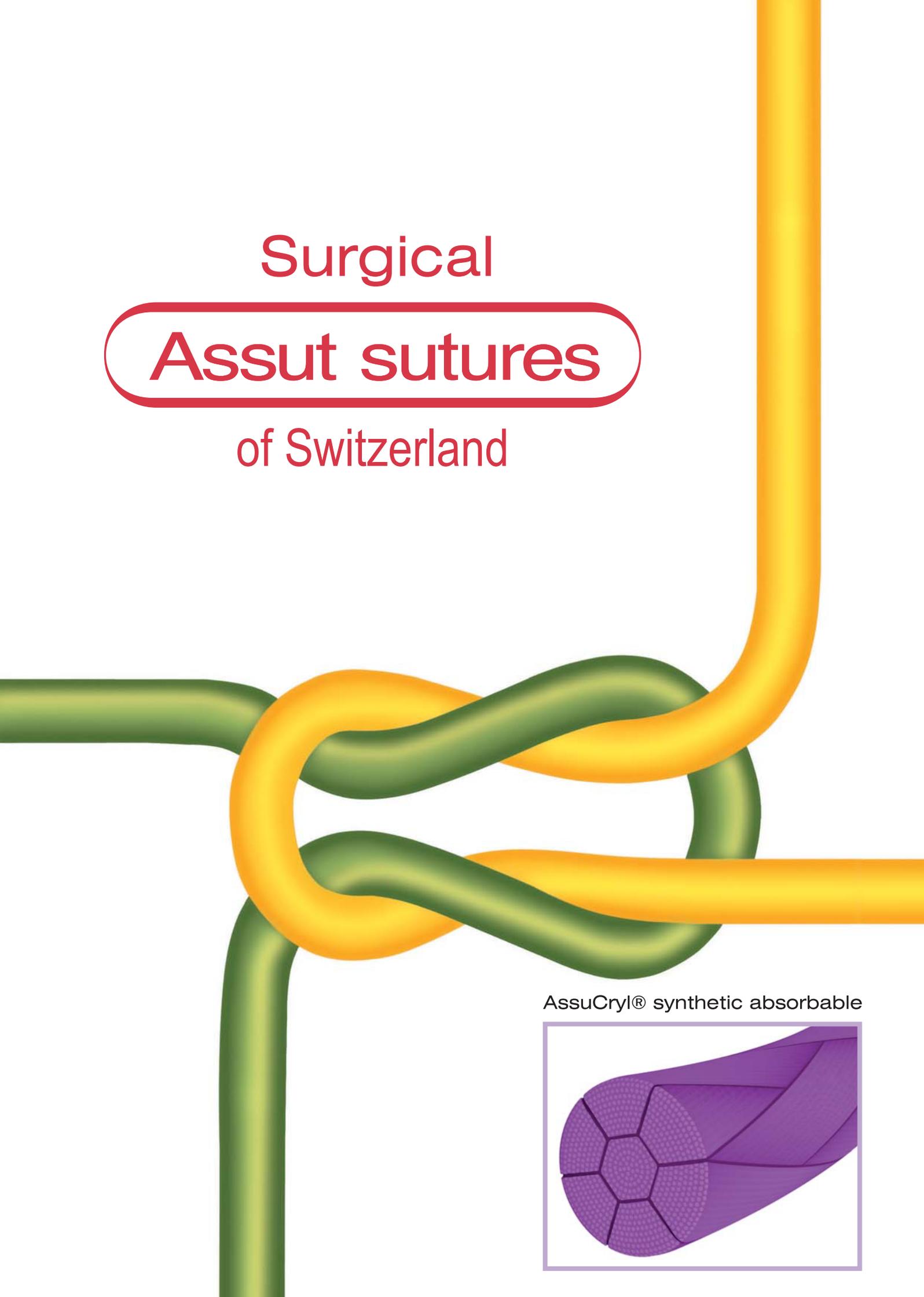
Marc Baerfuss
Marketing & Sales Director

Pully, 14th September 2021

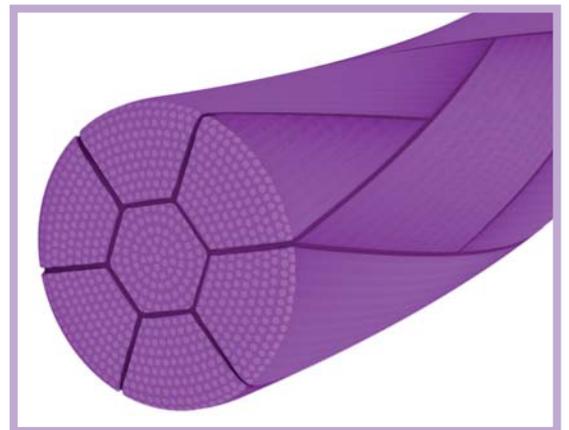
Surgical

Assut sutures

of Switzerland



AssuCryl® synthetic absorbable



Assut sutures

of Switzerland



www.assutsutures.com



Introduction

Assut Medical Sàrl, with factory located since 1962 in the famous Swiss region of the watch-industry and fine metal technology, is specialized in the manufacturing of atraumatic surgical needles and sterile surgical sutures.

Constantly adapting and enlarging its range of products to meet modern surgery requirements, Assut sutures are designed and made for all surgical specialties and renown world-wide. Assut sutures meet the surgeon's requirements in all surgical procedures.

With a long history providing surgical sutures of the highest quality, you can count on a team of dedicated Personnel, Technicians and Specialists.

The way our products are shown and described hereafter will make it easy for you to choose and order your sutures. Our company is EN ISO 9001/EN ISO 13485 certified. Our production and products are in compliance with the requirements according to the European medical device directive 93/42/EEC and all our sutures are CE-marked.

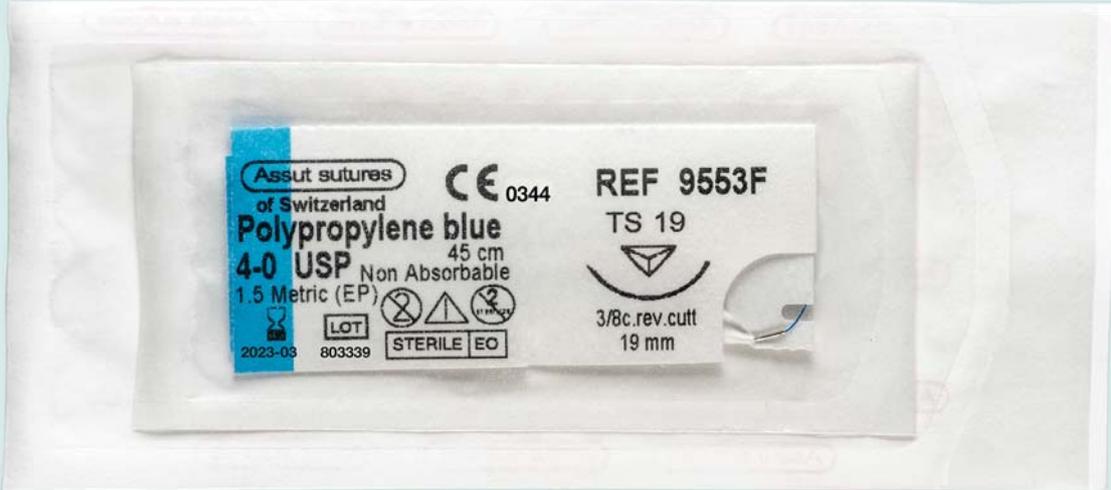
Assut Medical Sàrl

AT THE SERVICE OF SURGERY

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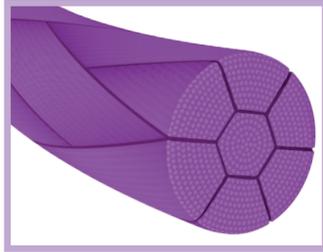
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Assut sutures of Switzerland



Suture Materials and Colour Codes

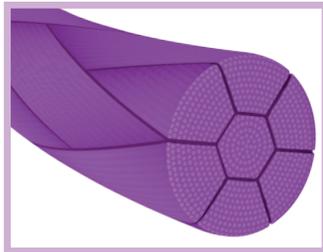
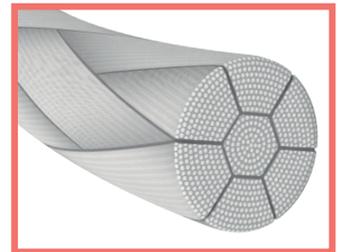
Absorbable



**AssuCryl®
synthetic absorbable**
Braided, coated synthetic absorbable PGA. Predictable absorption time. High initial tensile strength. Easy and secure knotting. Excellent knot sliding and smooth to handle. Violet and undyed (white). Absorption essentially complete between 60 and 90 days.



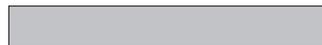
**AssuCryl® Rapid
synthetic absorbable**
Braided, coated synthetic absorbable PGA. Predictable shorter absorption time. High initial tensile strength. Easy and secure knotting with excellent knot sliding, smooth to handle. Undyed (white) only. Absorption essentially complete between 40 to 45 days.



**AssuCryl® Lactin
synthetic absorbable**
Braided, coated synthetic absorbable PGLA. Predictable absorption time. High initial tensile strength. Easy and secure knotting. Excellent knot sliding and smooth to handle. Violet and undyed (white). Absorption essentially complete between 56 and 70 days.



**AssuCryl® MonoSlow
synthetic absorbable**
Monofilament synthetic absorbable PDO (Polydioxanone), violet. High initial tensile strength, easy to handle and smooth passage through tissue. Absorption essentially complete between 180 to 210 days.



**AssuCryl® MonoRapid
synthetic absorbable**
Monofilament synthetic absorbable PGCL (Poliglecaprone). Available in violet or undyed. Easy to handle and smooth passage through tissue. Absorption essentially complete between 90 to 120 days.



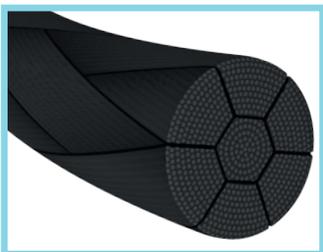
Non - Absorbable



Polyester coated/Astralen
Green braided polyester with improved tensile strength and knot security, siliconized. A modern braiding technique gives the strand a smooth and uniform surface that minimizes the trauma.



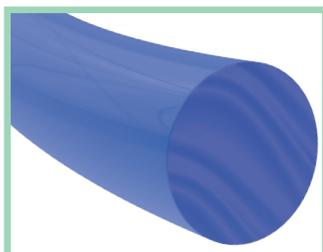
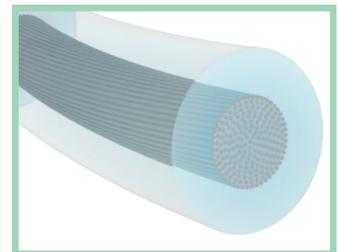
Polypropylene
Blue monofilament polypropylene is flexible and ties securely. Extremely well tolerated, its smooth and uniform surface allows easy passage through tissue with minimum trauma.



Silk
Black braided surgical silk on twisted core for greater tensile strength. Wax treatment and new braiding technique render the silk uniform and smooth and facilitate its handling.



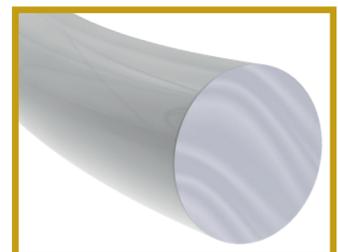
Supramid
Black monofilament polyamide with supersoft core, resulting in superior pliability and knot security. The uniform and smooth surface permits effortless passage through tissue with minimum trauma. Supramid is extremely well tolerated.



Monofil Nylon/Polyamide
Blue monofilament polyamide with high tensile strength. The uniform and smooth surface permits effortless passage through tissue with minimum trauma. Extremely well tolerated.



Surgical Steel
Monofilament stainless steel with very high tensile strength and excellent knot security. This strand causes minimum tissue reaction.



Information on Labelling

Symbol	Meaning
	Do not re-use. Disposable product
	Expiry-date. Use until year/month
	Lot Number
	Sterilized with Ethylene Oxide
	Sterilized with Gamma-Irradiation
	See instructions for use
	CE Mark of the Notified Body
	Product Number
	Maximum Temperature °C
	Do not use if packaging is damaged
	Do not re-sterilize

Information on REF

Each Assut product has a REF (Prod.No.) with either 3, 4 or more digits. The prefix or suffix letter(s), if any, refer to the suture material, such as:

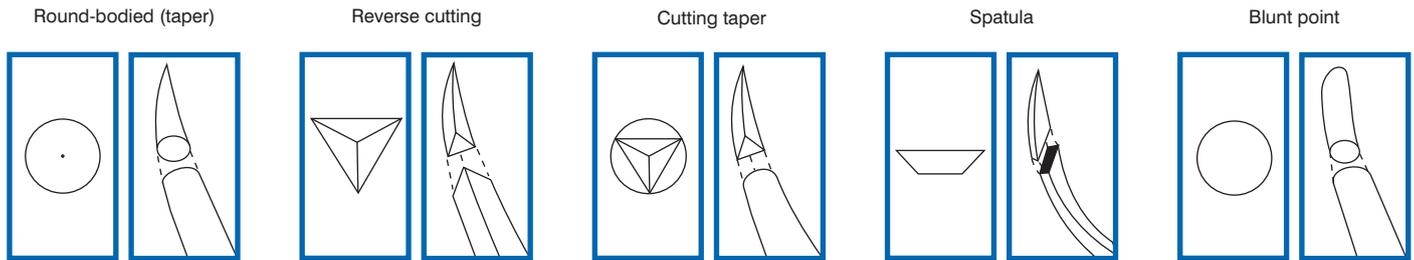
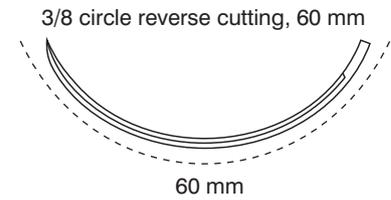
Prefix	Suffix
M Monofilament	TH 30 cm long strand
R Rapid	THF 35 cm long strand
S Slow	TE 38 cm long strand
B Reel	F 45 cm long strand
L Lactin	S 60 cm long strand
	75 cm long strand
	E 80 cm long strand
	N 90 cm long strand
	H 100 cm long strand
	HT 120 cm long strand
	HF 150 cm long strand
	HE 180 cm long strand
	T 200 cm long strand
	TF 240 cm long strand
	W White (or undyed)

Needle shape and cross-section

Logical needle codes

The shape, cross-section and length of needles are given by the needle codes, for example TS 60. The first letter refers to the shape of the needle, the second to the cross-section. The number stands for the needle length along the body (mm).

TS 60



Needle Code	Needle Shape	Cross-section	Symbol
HR	H ½ circle	R Round-Bodied (taper)	
HRG	H ½ circle	R Round-Bodied (taper) G heavy	
HRM	H ½ circle	R Round-Bodied (taper) M Micropoint	
HS	H ½ circle	S Cutting	
HSG	H ½ circle	S Cutting G heavy	
HSP	H ½ circle	SP Spatula	
HSR	H ½ circle	SR Cutting taper	
HSRG	H ½ circle	SR Cutting taper G heavy	
KSP	K 1/4 circle	SP Spatula	
TR	T 3/8 circle	R Round-Bodied (taper)	
TRM	T 3/8 circle	R Round-Bodied (taper) M Micropoint	
TS	T 3/8 circle	S Cutting	
TSP	T 3/8 circle	SP Spatula	
TS-P	T 3/8 circle	S Cutting P Precision Point	
TSR	T 3/8 circle	SR Cutting taper	
RR	R straight	R Round-Bodied (taper)	
RS	R straight	S Cutting	
FR	F 5/8 circle	R Round-Bodied (taper)	
HTT	H ½ circle	TT Blunt-Point	
HMR	HM straight-curved	R Round-Bodied (taper)	
HMS	HM straight-curved	S Cutting	
SKT	SK straight-curved	T Cutting	

Needle-chart

RR-needles 
straight, Round-Bodied (taper)

RR-22



RR-30



RR-45



RR-50



RR-60



TR-needles 
3/8 circle, Round-Bodied (taper)

TR-13



TR-17



TR-22



TR-27



TR-32



TR-38



TR-45



TR-55



TR-65



TTT-needle 
3/8 circle, Round-Bodied, Blunt point

TTT-60



TTT-85



HTT-needle 
1/2 circle, Round-Bodied, Blunt point

HTT-50



HRG-needles 
1/2 circle, Round-Bodied (taper) heavy

HRG-22



HRG-27



HRG-32



HRG-38



HRG-40



HRG-50

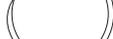


HRG-65



FR-needles 
5/8 circle, Round-Bodied (taper)

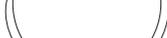
FR-27



FR-38



FR-40



HR-needles 
1/2 circle, Round-Bodied (taper)

HR-13



HR-17



HR-20



HR-22



HR-25



HR-27



HR-30



HR-32



HR-35



HR-38



HR-40



HR-45



HR-50



HR-55



HR-65



HR-70



TS-needles 
3/8 circle, reverse cutting

TS-12



TS-15



TS-17



TS-19



TS-24



TS-27



TS-30



TS-38



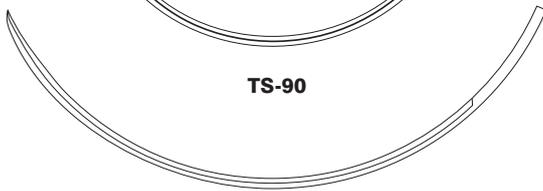
TS-45



TS-60



TS-90



TS-P needles 
3/8 circle, reverse cutting
Precision Point

TS-12P



TS-15P



TS-19P



TS-24P



RS-needles 
straight, cutting

RS-45



RS-50



RS-58



RS-75



RS-90



RSK-90

with breakable feature



HS-needles 
1/2 circle, reverse cutting

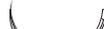
HS-12



HS-17



HS-19



HS-21



HS-24



HS-27



HS-30



HS-38



HS-40



HS-45



HS-52



HMR-40 taper



SKT-30 cutting



HSP-needles
1/2 circle, Spatula

HSP 6



HSP 8



TSP-needles
3/8 circle, Spatula

TSP 6



TSP 8



KSP-needles
1/4 circle, Spatula

KSP 8



TSR-needle 
3/8 circle, cutting taper

TSR-14



TSR-27



HSG-needle 
1/2 circle, cutting, heavy

HSG-24



HSR-needles 
1/2 circle, cutting taper

HSR-18



HSR-27



HSR-38



HSR-65



HSRG-needles 
1/2 circle, cutting taper, heavy

HSRG-27



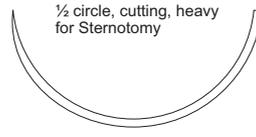
HSRG-38



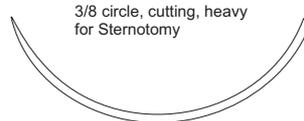
HSRG-45



HCS-50 
1/2 circle, cutting, heavy
for Sternotomy



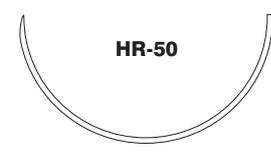
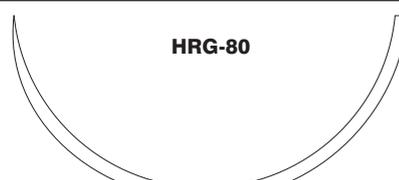
TCS-50 
3/8 circle, cutting, heavy
for Sternotomy



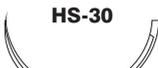
AssuCryl® (PGA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle taper (Round-Bodied) 	Suffix W: White, undyed		
75 cm 75 cm 75 cm	undyed undyed undyed	HR-13 	6 - 0 5 - 0 4 - 0	0.7 1 1.5	4201W 4202W 4203W
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HR-17 	5 - 0 4 - 0 3 - 0 2 - 0	1 1.5 2 3	4232 4233 4234 4235
75 cm 75 cm	violet violet	HR-20 	4 - 0 3 - 0	1.5 2	42353 42354
75 cm 75 cm 75 cm	violet violet violet	HR-22 	4 - 0 3 - 0 2 - 0	1.5 2 3	4243 4244 4245
75 cm 75 cm 75 cm 90 cm	violet violet violet violet	HR-25 	4 - 0 3 - 0 2 - 0 2 - 0	1.5 2 3 3	42453 42454 42455 42455N
75 cm 75 cm 75 cm 90 cm 75 cm	violet violet violet violet violet	HR-27 	4 - 0 3 - 0 2 - 0 2 - 0 0	1.5 2 3 3 3.5	4253 4254 4255 4255N 4256
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HR-30 	3 - 0 2 - 0 0 1	2 3 3.5 4	42554 42555 42556 42557
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HR-35 	3 - 0 2 - 0 0 1	2 3 3.5 4	42654 42655 42656 42657
75 cm 75 cm 75 cm 90 cm 90 cm 75 cm	violet violet violet violet violet violet	HR-38 	3 - 0 2 - 0 0 0 1 2	2 3 3.5 3.5 4 5	4274 4275 4276 4276N 4277N 4278
75 cm 90 cm 75 cm 90 cm 75 cm 90 cm 75 cm 90 cm	violet violet violet violet violet violet violet violet	HR-40 	2 - 0 2 - 0 0 0 1 1 2 2	3 3 3.5 3.5 4 4 5 5	4285 4285N 4286 4286N 4287 4287N 4288 4288N
75 cm 90 cm 75 cm 90 cm 75 cm 90 cm	violet violet violet violet violet violet	HR-45 	0 0 1 1 2 2	3.5 3.5 4 4 5 5	42856 42856N 42857 42857N 42858 42858N

AssuCryl® (PGA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle taper (Round-Bodied) 			
75 cm	violet	 <p>HR-50</p>	2 - 0	3	4295
75 cm	violet		0	3.5	4296
90 cm	violet		0	3.5	4296N
75 cm	violet		1	4	4297
90 cm	violet		1	4	4297N
75 cm	violet		2	5	4298
90 cm	violet		2	5	4298N
75 cm	violet	 <p>HR-65</p>	2 - 0	3	42985
75 cm	violet		0	3.5	42986
75 cm	violet		1	4	42987
		½ circle taper (Round-Bodied), heavy 			
75 cm	violet	 <p>HRG-27</p>	3 - 0	2	4334
75 cm	violet		2 - 0	3	4335
75 cm	violet		0	3.5	4336
75 cm	violet		1	4	4337
75 cm	violet	 <p>HRG-30</p>	2 - 0	3	43325
75 cm	violet		0	3.5	43326
75 cm	violet		1	4	43327
75 cm	violet	 <p>HRG-35</p>	2 - 0	3	43365
75 cm	violet		0	3.5	43366
90 cm	violet		0	3.5	43366N
90 cm	violet		1	4	43367N
75 cm	violet	 <p>HRG-38</p>	2 - 0	3	4345
90 cm	violet		2 - 0	3	4345N
75 cm	violet		0	3.5	4346
90 cm	violet		0	3.5	4346N
75 cm	violet		1	4	4347
90 cm	violet		1	4	4347N
75 cm	violet		2	5	4348
90 cm	violet		2	5	4348N
75 cm	violet	 <p>HRG-40</p>	0	3.5	43416
90 cm	violet		0	3.5	43416N
75 cm	violet		1	4	43417
90 cm	violet		1	4	43417N
75 cm	violet		2	5	43418
90 cm	violet		2	5	43418N
75 cm	violet	 <p>HRG-45</p>	0	3.5	43426
75 cm	violet		1	4	43427
75 cm	violet		2	5	43428
75 cm	violet	 <p>HRG-50</p>	0	3.5	43436
90 cm	violet		0	3.5	43436N
75 cm	violet		1	4	43437
90 cm	violet		1	4	43437N
75 cm	violet		2	5	43438
90 cm	violet		2	5	43438N
90 cm	violet	 <p>HRG-80</p>	1	4	43487N
100 cm	violet		1	4	43487H

AssuCryl® (PGA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle reverse cutting 			
45 cm 75 cm 45 cm 45 cm 45 cm 45 cm	violet violet violet undyed violet violet	HS-17 	5 - 0 4 - 0 4 - 0 4 - 0 3 - 0 2 - 0	1 1.5 1.5 1.5 2 3	4672F 4673 4673F 4673WF 4674F 4675F
45 cm 45 cm	violet violet	HS-21 	4 - 0 3 - 0	1.5 2	46843F 46844F
75 cm 75 cm	violet violet	HS-24 	3 - 0 2 - 0	2 3	4694 4695
75 cm 75 cm 75 cm	violet violet violet	HS-27 	3 - 0 2 - 0 0	2 3 3.5	4704 4705 4706
75 cm 75 cm 75 cm	violet violet violet	HS-30 	2 - 0 0 1	3 3.5 4	4715 4716 4717
75 cm 75 cm 75 cm	violet violet violet	HS-35 	2 - 0 0 1	3 3.5 4	47015 47016 47017
75 cm 75 cm 75 cm	violet violet violet	HS-40 	0 1 2	3.5 4 5	4736 4737 4738
75 cm 75 cm 75 cm	violet violet violet	HS-45 	0 1 2	3.5 4 5	47326 47327 47328
90 cm 90 cm	violet violet	HS-48 	1 2	4 5	47347N 47348N
75 cm 90 cm 75 cm 90 cm 75 cm 90 cm	violet violet violet violet violet violet	HS-52 	0 0 1 1 2 2	3.5 3.5 4 4 5 5	4746 4746N 4747 4747N 4748 4748N

AssuCryl® (PGA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle cutting taper 			
75 cm	violet	HSR-18 	5 - 0	1	4362
75 cm	violet		4 - 0	1.5	4363
75 cm	violet		3 - 0	2	4364
75 cm	violet		2 - 0	3	4365
75 cm	violet	HSR-22 	3 - 0	2	43624
75 cm	violet		2 - 0	3	43625
75 cm	violet	HSR-25 	4 - 0	1.5	43663
75 cm	violet		3 - 0	2	43664
75 cm	violet		2 - 0	3	43665
75 cm	violet	HSR-27 	3 - 0	2	4374
75 cm	violet		2 - 0	3	4375
75 cm	violet		0	3.5	4376
75 cm	violet		1	4	4377
75 cm	violet	HSR-30 	3 - 0	2	43784
75 cm	violet		2 - 0	3	43785
75 cm	violet		0	3.5	43786
75 cm	violet	HSR-35 	0	3.5	43796
75 cm	violet		1	4	43797
75 cm	violet		2	5	43798
75 cm	violet	HSR-38 	2 - 0	3	4385
90 cm	violet		2 - 0	3	4385N
75 cm	violet		0	3.5	4386
90 cm	violet		0	3.5	4386N
		½ circle cutting taper , heavy 			
75 cm	violet	HSRG-27 	2 - 0	3	43755
75 cm	violet		0	3.5	43756
75 cm	violet		1	4	43757
75 cm	violet	HSRG-35 	1	4	43807
90 cm	violet		1	4	43807N
75 cm	violet		2	5	43808
75 cm	violet	HSRG-38 	0	3.5	43856
90 cm	violet		0	3.5	43856N
75 cm	violet		1	4	43857
90 cm	violet		1	4	43857N
75 cm	violet		2	5	43858
90 cm	violet	2	5	43858N	
75 cm	violet	HSRG-40 	1	4	43867
75 cm	violet		2	5	43868
75 cm	undyed		1	4	43867W
75 cm	undyed		2	5	43868W
75 cm	violet	HSRG-45 	2 - 0	3	43955
75 cm	violet		0	3.5	43956
75 cm	violet		1	4	43957
75 cm	violet		2	5	43958

AssuCryl® (PGA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle taper (Round-Bodied) 			
45 cm 45 cm 75 cm	violet violet violet	TR-13 	5 - 0 4 - 0 4 - 0	1 1.5 1.5	4422F 4423F 4423
75 cm 75 cm 75 cm	violet violet violet	TR-17 	5 - 0 4 - 0 3 - 0	1 1.5 2	4432 4433 4434
75 cm	violet	TR-30 	2 - 0	3	44555
75 cm	violet	TR-50 	1	4	44757
		3/8 circle, blunt point 			
75 cm 100 cm	violet violet	TTT-65 	1 1	4 4	46427 46427H
75 cm 100 cm 75 cm	violet violet violet	TTT-85 	1 1 2	4 4 5	46467 46467H 46468
		5/8 circle taper (Round-Bodied) 			
75 cm	violet	FR-27 	2 - 0	3	4905
75 cm	violet	FR-38 	2 - 0	3	4925
75 cm	violet	FR-40 	0	3.5	4936

AssuCryl® (PGA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle, reverse cutting 	Suffix W: White, undyed		
45 cm	undyed	TS-12 	6 - 0	0.7	4521WF
45 cm	undyed		5 - 0	1	4522WF
45 cm	undyed		4 - 0	1.5	4523WF
75 cm	violet	TS-15 	6 - 0	0.7	4531
75 cm	violet		5 - 0	1	4532
75 cm	violet		4 - 0	1.5	4533
45 cm	undyed		6 - 0	0.7	4531WF
45 cm	undyed		5 - 0	1	4532WF
45 cm	undyed		4 - 0	1.5	4533WF
45 cm	undyed	TS-17 	5 - 0	1	4542WF
75 cm	undyed		5 - 0	1	4542W
45 cm	undyed		4 - 0	1.5	4543WF
75 cm	undyed		4 - 0	1.5	4543W
45 cm	undyed		3 - 0	2	4544WF
75 cm	undyed		3 - 0	2	4544W
45 cm	undyed	TS-19 	4 - 0	1.5	4553WF
45 cm	undyed		3 - 0	2	4554WF
75 cm	violet		4 - 0	1.5	4553
75 cm	violet		3 - 0	2	4554
75 cm	undyed	TS-24 	4 - 0	1.5	4563W
75 cm	undyed		3 - 0	2	4564W
75 cm	undyed		2 - 0	3	4565W
75 cm	violet		4 - 0	1.5	4563
75 cm	violet		3 - 0	2	4564
75 cm	violet		2 - 0	3	4565
75 cm	undyed	TS-27 	4 - 0	1.5	4573W
75 cm	undyed		3 - 0	2	4574W
75 cm	undyed		2 - 0	3	4575W
75 cm	violet		3 - 0	2	4574
75 cm	violet		2 - 0	3	4575
75 cm	undyed	TS-30 	3 - 0	2	4584W
75 cm	undyed		2 - 0	3	4585W
75 cm	violet		3 - 0	2	4584
75 cm	violet		2 - 0	3	4585
75 cm	violet	TS-38 	3 - 0	2	4594
75 cm	violet		2 - 0	3	4595
75 cm	violet		0	3.5	4596
75 cm	violet		1	4	4597
75 cm	violet		2	5	4598
75 cm	violet	TS-45 	2 - 0	3	4605
75 cm	violet		0	3.5	4606
75 cm	violet		1	4	4607
75 cm	violet		2	5	4608
		3/8 circle, reverse cutting, precision point 			
45 cm	undyed	TS-12P 	6 - 0	0.7	45201WF
45 cm	undyed		5 - 0	1	45202WF
45 cm	undyed	TS-15P 	5 - 0	1	45302WF
45 cm	undyed		4 - 0	1.5	45303WF
45 cm	undyed		3 - 0	2	45304WF
45 cm	undyed	TS-19P 	5 - 0	1	45502WF
45 cm	undyed		4 - 0	1.5	45503WF
45 cm	undyed		3 - 0	2	45504WF
45 cm	undyed	TS-24P 	4 - 0	1.5	45603WF
45 cm	undyed		3 - 0	2	45604WF
45 cm	undyed		2 - 0	3	45605WF
45 cm	undyed	TS-27P 	4 - 0	1.5	45703WF
45 cm	undyed		3 - 0	2	45704WF
45 cm	undyed		2 - 0	3	45705WF
		straight cutting 			
45 cm	undyed	RS-45 	4 - 0	1.5	4823WF
75 cm	undyed	RS-58 	3 - 0	2	4844W
75 cm	undyed		2 - 0	3	4845W
75 cm	violet		3 - 0	2	4844
75 cm	violet		2 - 0	3	4845

AssuCryl® (PGA) braided, coated, synthetic absorbable

Number of Strands x Length	Thread Colour	USP	EP	REF
Pre-cut sutures without needle				
1 x 140 cm	violet	5 - 0	1	40052
1 x 140 cm	violet	4 - 0	1.5	40053
1 x 140 cm	violet	3 - 0	2	40054
1 x 140 cm	violet	2 - 0	3	40055
1 x 140 cm	violet	0	3.5	40056
1 x 140 cm	violet	1	4	40057
1 x 140 cm	violet	2	5	40058
1 x 150 cm	violet	5 - 0	1	40032
1 x 150 cm	violet	4 - 0	1.5	40033
1 x 150 cm	violet	3 - 0	2	40034
1 x 150 cm	violet	2 - 0	3	40035
1 x 150 cm	violet	0	3.5	40036
1 x 150 cm	violet	1	4	40037
1 x 150 cm	violet	2	5	40038
6 x 45 cm	violet	4 - 0	1.5	40093
6 x 45 cm	violet	3 - 0	2	40094
6 x 45 cm	violet	2 - 0	3	40095
6 x 45 cm	violet	0	3.5	40096
6 x 45 cm	violet	1	4	40097
12 x 45 cm	violet	4 - 0	1.5	40523
12 x 45 cm	violet	3 - 0	2	40524
12 x 45 cm	violet	2 - 0	3	40525
12 x 45 cm	violet	0	3.5	40526
12 x 45 cm	violet	1	4	40527
Pre-cut sutures without needle on reel				
1 x 150 cm	violet	5 - 0	1	B40032
1 x 150 cm	violet	4 - 0	1.5	B40033
1 x 150 cm	violet	3 - 0	2	B40034
1 x 150 cm	violet	2 - 0	3	B40035
1 x 150 cm	violet	0	3.5	B40036
1 x 150 cm	violet	1	4	B40037
1 x 150 cm	violet	2	5	B40038
1 x 250 cm	violet	5 - 0	1	B4092
1 x 250 cm	violet	4 - 0	1.5	B4093
1 x 250 cm	violet	3 - 0	2	B4094
1 x 250 cm	violet	2 - 0	3	B4095
1 x 250 cm	violet	0	3.5	B4096
1 x 250 cm	violet	1	4	B4097
1 x 250 cm	violet	2	5	B4098

Ophthalmic sutures

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF	
30 cm 45 cm	violet violet	 <p style="text-align: center;">2 x TSP 6</p>  <p style="text-align: center;">Curved, 6,2 mm long, spatula, 150 microns, double-armed</p>	8 - 0 8 - 0	0.4 0.4	484568 484588	
30 cm 45 cm 45 cm 30 cm	violet violet violet violet	 <p style="text-align: center;">2 x TSP 7</p>  <p style="text-align: center;">Curved, 6,4 mm long, spatula, 200 microns, double-armed</p>	8 - 0 8 - 0 7 - 0 7 - 0	0.4 0.4 0.5 0.5	486668 486688 486687 486667	
45 cm 45 cm 45 cm 45 cm 45 cm	violet violet violet violet violet	 <p style="text-align: center;">2 x KSP 8</p>  <p style="text-align: center;">1/4 circle, 8mm long, spatula, double-armed</p>	200 Mi 230 Mi 300 Mi 350 Mi 350 Mi	7 - 0 7 - 0 6 - 0 6 - 0 5 - 0	0.5 0.5 0.7 0.7 1	432687 432787 432986 432086 432085

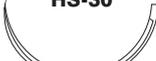
AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle taper (Round-Bodied) 	Suffix W: White, undyed		
75 cm 75 cm 75 cm	undyed undyed undyed	HR-13 	6-0 5-0 4-0	0.7 1 1.5	L4201W L4202W L4203W
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HR-17 	5-0 4-0 3-0 2-0	1 1.5 2 3	L4232 L4233 L4234 L4235
75 cm 75 cm	violet violet	HR-20 	4-0 3-0	1.5 2	L42353 L42354
75 cm 75 cm 75 cm	violet violet violet	HR-22 	4-0 3-0 2-0	1.5 2 3	L4243 L4244 L4245
75 cm 75 cm 75 cm 90 cm	violet violet violet violet	HR-25 	4-0 3-0 2-0 2-0	1.5 2 3 3	L42453 L42454 L42455 L42455N
75 cm 75 cm 75 cm 90 cm 75 cm	violet violet violet violet violet	HR-27 	4-0 3-0 2-0 2-0 0	1.5 2 3 3 3.5	L4253 L4254 L4255 L4255N L4256
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HR-30 	3-0 2-0 0 1	2 3 3.5 4	L42554 L42555 L42556 L42557
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HR-35 	3-0 2-0 0 1	2 3 3.5 4	L42654 L42655 L42656 L42657
75 cm 75 cm 75 cm 90 cm 90 cm 75 cm	violet violet violet violet violet violet	HR-38 	3-0 2-0 0 0 1 2	2 3 3.5 3.5 4 5	L4274 L4275 L4276 L4276N L4277N L4278
75 cm 90 cm 75 cm 90 cm 75 cm 90 cm 75 cm 90 cm	violet violet violet violet violet violet violet violet	HR-40 	2-0 2-0 0 0 1 1 2 2	3 3 3.5 3.5 4 4 5 5	L4285 L4285N L4286 L4286N L4287 L4287N L4288 L4288N
75 cm 90 cm 75 cm 90 cm 75 cm 90 cm	violet violet violet violet violet violet	HR-45 	0 0 1 1 2 2	3.5 3.5 4 4 5 5	L42856 L42856N L42857 L42857N L42858 L42858N

AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle taper (Round-Bodied) 			
75 cm	violet	 <p>HR-50</p>	2 - 0	3	L4295
75 cm	violet		0	3.5	L4296
90 cm	violet		0	3.5	L4296N
75 cm	violet		1	4	L4297
90 cm	violet		1	4	L4297N
75 cm	violet		2	5	L4298
90 cm	violet		2	5	L4298N
75 cm	violet	 <p>HR-65</p>	2 - 0	3	L42985
75 cm	violet		0	3.5	L42986
75 cm	violet		1	4	L42987
		½ circle taper (Round-Bodied), heavy 			
75 cm	violet	 <p>HRG-27</p>	3 - 0	2	L4334
75 cm	violet		2 - 0	3	L4335
75 cm	violet		0	3.5	L4336
75 cm	violet		1	4	L4337
75 cm	violet	 <p>HRG-30</p>	2 - 0	3	L43325
75 cm	violet		0	3.5	L43326
75 cm	violet		1	4	L43327
75 cm	violet	 <p>HRG-35</p>	2 - 0	3	L43365
75 cm	violet		0	3.5	L43366
90 cm	violet		0	3.5	L43366N
90 cm	violet		1	4	L43367N
75 cm	violet	 <p>HRG-38</p>	2 - 0	3	L4345
90 cm	violet		2 - 0	3	L4345N
75 cm	violet		0	3.5	L4346
90 cm	violet		0	3.5	L4346N
75 cm	violet		1	4	L4347
90 cm	violet		1	4	L4347N
75 cm	violet		2	5	L4348
90 cm	violet		2	5	L4348N
75 cm	violet		 <p>HRG-40</p>	0	3.5
90 cm	violet	0		3.5	L43416N
75 cm	violet	1		4	L43417
90 cm	violet	1		4	L43417N
75 cm	violet	2		5	L43418
90 cm	violet	2		5	L43418N
75 cm	violet	 <p>HRG-45</p>	0	3.5	L43426
75 cm	violet		1	4	L43427
75 cm	violet		2	5	L43428
75 cm	violet	 <p>HRG-50</p>	0	3.5	L43436
90 cm	violet		0	3.5	L43436N
75 cm	violet		1	4	L43437
90 cm	violet		1	4	L43437N
75 cm	violet		2	5	L43438
90 cm	violet		2	5	L43438N
90 cm	violet	 <p>HRG-80</p>	1	4	L43487N
100 cm	violet		1	4	L43487H

AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle reverse cutting 			
45 cm 75 cm 45 cm 45 cm 45 cm 45 cm	violet violet violet undyed violet violet	HS-17 	5 - 0 4 - 0 4 - 0 4 - 0 3 - 0 2 - 0	1 1.5 1.5 1.5 2 3	L4672F L4673 L4673F L4673WF L4674F L4675F
45 cm 45 cm	violet violet	HS-21 	4 - 0 3 - 0	1.5 2	L46843F L46844F
75 cm 75 cm	violet violet	HS-24 	3 - 0 2 - 0	2 3	L4694 L4695
75 cm 75 cm 75 cm	violet violet violet	HS-27 	3 - 0 2 - 0 0	2 3 3.5	L4704 L4705 L4706
75 cm 75 cm 75 cm	violet violet violet	HS-30 	2 - 0 0 1	3 3.5 4	L4715 L4716 L4717
75 cm 75 cm 75 cm	violet violet violet	HS-35 	2 - 0 0 1	3 3.5 4	L47015 L47016 L47017
75 cm 75 cm 75 cm	violet violet violet	HS-40 	0 1 2	3.5 4 5	L4736 L4737 L4738
75 cm 75 cm 75 cm	violet violet violet	HS-45 	0 1 2	3.5 4 5	L47326 L47327 L47328
90 cm 90 cm	violet violet	HS-48 	1 2	4 5	L47347N L47348N
75 cm 90 cm 75 cm 90 cm 75 cm 90 cm	violet violet violet violet violet violet	HS-52 	0 0 1 1 2 2	3.5 3.5 4 4 5 5	L4746 L4746N L4747 L4747N L4748 L4748N

AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle cutting taper 			
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HSR-18 	5 - 0 4 - 0 3 - 0 2 - 0	1 1.5 2 3	L4362 L4363 L4364 L4365
75 cm 75 cm	violet violet	HSR-22 	3 - 0 2 - 0	2 3	L43624 L43625
75 cm 75 cm 75 cm	violet violet violet	HSR-25 	4 - 0 3 - 0 2 - 0	1.5 2 3	L43663 L43664 L43665
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HSR-27 	3 - 0 2 - 0 0 1	2 3 3.5 4	L4374 L4375 L4376 L4377
75 cm 75 cm 75 cm	violet violet violet	HSR-30 	3 - 0 2 - 0 0	2 3 3.5	L43784 L43785 L43786
75 cm 75 cm 75 cm	violet violet violet	HSR-35 	0 1 2	3.5 4 5	L43796 L43797 L43798
75 cm 90 cm 75 cm 90 cm	violet violet violet violet	HSR-38 	2 - 0 2 - 0 0 0	3 3 3.5 3.5	L4385 L4385N L4386 L4386N
		½ circle cutting taper , heavy 			
75 cm 75 cm 75 cm	violet violet violet	HSRG-27 	2 - 0 0 1	3 3.5 4	L43755 L43756 L43757
75 cm 90 cm 75 cm	violet violet violet	HSRG-35 	1 1 2	4 4 5	L43807 L43807N L43808
75 cm 90 cm 75 cm 90 cm 75 cm 90 cm	violet violet violet violet violet violet	HSRG-38 	0 0 1 1 2 2	3.5 3.5 4 4 5 5	L43856 L43856N L43857 L43857N L43858 L43858N
75 cm 75 cm 75 cm 75 cm	violet violet undyed undyed	HSRG-40 	1 2 1 2	4 5 4 5	L43867 L43868 L43867W L43868W
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HSRG-45 	2 - 0 0 1 2	3 3.5 4 5	L43955 L43956 L43957 L43958

AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle taper (Round-Bodied) 			
45 cm 45 cm 75 cm	violet violet violet	TR-13 	5 - 0 4 - 0 4 - 0	1 1.5 1.5	L4422F L4423F L4423
75 cm 75 cm 75 cm	violet violet violet	TR-17 	5 - 0 4 - 0 3 - 0	1 1.5 2	L4432 L4433 L4434
75 cm	violet	TR-30 	2 - 0	3	L44555
75 cm	violet	TR-50 	1	4	L44757
		3/8 circle, blunt point 			
75 cm 100 cm	violet violet	TTT-65 	1 1	4 4	L46427 L46427H
75 cm 100 cm 75 cm	violet violet violet	TTT-85 	1 1 2	4 4 5	L46467 L46467H L46468
		5/8 circle taper (Round-Bodied) 			
75 cm	violet	FR-27 	2 - 0	3	L4905
75 cm	violet	FR-38 	2 - 0	3	L4925
75 cm	violet	FR-40 	0	3.5	L4936

AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle, reverse cutting 	Suffix W: White, undyed		
45 cm	undyed	TS-12 	6 - 0	0.7	L4521WF
45 cm	undyed		5 - 0	1	L4522WF
45 cm	violet		4 - 0	1.5	L4523F
75 cm	violet	TS-15 	6 - 0	0.7	L4531
75 cm	violet		5 - 0	1	L4532
75 cm	violet		4 - 0	1.5	L4533
45 cm	undyed		6 - 0	0.7	L4531WF
45 cm	undyed		5 - 0	1	L4532WF
45 cm	undyed		4 - 0	1.5	L4533WF
45 cm	undyed	TS-17 	5 - 0	1	L4542WF
75 cm	undyed		5 - 0	1	L4542W
45 cm	undyed		4 - 0	1.5	L4543WF
75 cm	undyed		4 - 0	1.5	L4543W
45 cm	undyed		3 - 0	2	L4544WF
75 cm	undyed		3 - 0	2	L4544W
45 cm	undyed	TS-19 	4 - 0	1.5	L4553WF
45 cm	undyed		3 - 0	2	L4554WF
75 cm	violet		4 - 0	1.5	L4553
75 cm	violet		3 - 0	2	L4554
75 cm	undyed	TS-24 	4 - 0	1.5	L4563W
75 cm	undyed		3 - 0	2	L4564W
75 cm	undyed		2 - 0	3	L4565W
75 cm	violet		4 - 0	1.5	L4563
75 cm	violet		3 - 0	2	L4564
75 cm	violet		2 - 0	3	L4565
75 cm	undyed	TS-27 	4 - 0	1.5	L4573W
75 cm	undyed		3 - 0	2	L4574W
75 cm	undyed		2 - 0	3	L4575W
75 cm	violet		3 - 0	2	L4574
75 cm	violet		2 - 0	3	L4575
75 cm	undyed	TS-30 	3 - 0	2	L4584W
75 cm	undyed		2 - 0	3	L4585W
75 cm	violet		3 - 0	2	L4584
75 cm	violet		2 - 0	3	L4585
75 cm	violet	TS-38 	3 - 0	2	L4594
75 cm	violet		2 - 0	3	L4595
75 cm	violet		0	3.5	L4596
75 cm	violet		1	4	L4597
75 cm	violet		2	5	L4598
75 cm	violet	TS-45 	2 - 0	3	L4605
75 cm	violet		0	3.5	L4606
75 cm	violet		1	4	L4607
75 cm	violet		2	5	L4608
		3/8 circle, reverse cutting, precision point 			
45 cm	undyed	TS-12P 	6 - 0	0.7	L45201WF
45 cm	undyed		5 - 0	1	L45202WF
45 cm	undyed	TS-15P 	5 - 0	1	L45302WF
45 cm	undyed		4 - 0	1.5	L45303WF
45 cm	undyed		3 - 0	2	L45304WF
45 cm	undyed	TS-19P 	5 - 0	1	L45502WF
45 cm	undyed		4 - 0	1.5	L45503WF
45 cm	undyed		3 - 0	2	L45504WF
45 cm	undyed	TS-24P 	4 - 0	1.5	L45603WF
45 cm	undyed		3 - 0	2	L45604WF
45 cm	undyed		2 - 0	3	L45605WF
45 cm	undyed	TS-27P 	4 - 0	1.5	L45703WF
45 cm	undyed		3 - 0	2	L45704WF
45 cm	undyed		2 - 0	3	L45705WF
		straight cutting 			
45 cm	undyed	RS-45 	4 - 0	1.5	L4823WF
75 cm	undyed	RS-58 	3 - 0	2	L4844W
75 cm	undyed		2 - 0	3	L4845W
75 cm	violet		3 - 0	2	L4844
75 cm	violet		2 - 0	3	L4845

AssuCryl® Lactin (PGLA) braided, coated, synthetic absorbable

Number of Strands x Length	Thread Colour	USP	EP	REF
Pre-cut sutures without needle				
1 x 140 cm	violet	5 - 0	1	L40052
1 x 140 cm	violet	4 - 0	1.5	L40053
1 x 140 cm	violet	3 - 0	2	L40054
1 x 140 cm	violet	2 - 0	3	L40055
1 x 140 cm	violet	0	3.5	L40056
1 x 140 cm	violet	1	4	L40057
1 x 140 cm	violet	2	5	L40058
1 x 150 cm	violet	5 - 0	1	L40032
1 x 150 cm	violet	4 - 0	1.5	L40033
1 x 150 cm	violet	3 - 0	2	L40034
1 x 150 cm	violet	2 - 0	3	L40035
1 x 150 cm	violet	0	3.5	L40036
1 x 150 cm	violet	1	4	L40037
1 x 150 cm	violet	2	5	L40038
6 x 45 cm	violet	4 - 0	1.5	L40093
6 x 45 cm	violet	3 - 0	2	L40094
6 x 45 cm	violet	2 - 0	3	L40095
6 x 45 cm	violet	0	3.5	L40096
6 x 45 cm	violet	1	4	L40097
12 x 45 cm	violet	4 - 0	1.5	L40523
12 x 45 cm	violet	3 - 0	2	L40524
12 x 45 cm	violet	2 - 0	3	L40525
12 x 45 cm	violet	0	3.5	L40526
12 x 45 cm	violet	1	4	L40527
Pre-cut sutures without needle on reel				
1 x 150 cm	violet	5 - 0	1	BL40032
1 x 150 cm	violet	4 - 0	1.5	BL40033
1 x 150 cm	violet	3 - 0	2	BL40034
1 x 150 cm	violet	2 - 0	3	BL40035
1 x 150 cm	violet	0	3.5	BL40036
1 x 150 cm	violet	1	4	BL40037
1 x 150 cm	violet	2	5	BL40038
1 x 250 cm	violet	5 - 0	1	BL4092
1 x 250 cm	violet	4 - 0	1.5	BL4093
1 x 250 cm	violet	3 - 0	2	BL4094
1 x 250 cm	violet	2 - 0	3	BL4095
1 x 250 cm	violet	0	3.5	BL4096
1 x 250 cm	violet	1	4	BL4097
1 x 250 cm	violet	2	5	BL4098

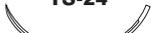
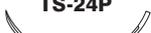
Ophthalmic sutures

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF	
45 cm	violet	 2 x KSP 8  1/4 circle, 8mm long, spatula, double-armed	300 Mi	6 - 0	0.7	L432986
45 cm	violet		350 Mi	6 - 0	0.7	L432086
45 cm	violet		350 Mi	5 - 0	1	L432085

AssuCryl® Rapid (PGA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle taper (Round-Bodied) 			
75 cm	undyed	HR-17 	5 - 0	1	R4232W
75 cm	undyed		4 - 0	1.5	R4233W
75 cm	undyed		3 - 0	2	R4234W
75 cm	undyed	HR-22 	4 - 0	1.5	R4243W
75 cm	undyed		3 - 0	2	R4244W
75 cm	undyed		2 - 0	3	R4245W
75 cm	undyed	HR-25 	4 - 0	1.5	R42453W
75 cm	undyed		3 - 0	2	R42454W
75 cm	undyed		2 - 0	3	R42455W
75 cm	undyed	HR-27 	4 - 0	1.5	R4253W
75 cm	undyed		3 - 0	2	R4254W
75 cm	undyed		2 - 0	3	R4255W
75 cm	undyed		0	3.5	R4256W
75 cm	undyed	HR-30 	3 - 0	2	R42554W
75 cm	undyed		2 - 0	3	R42555W
75 cm	undyed		0	3.5	R42556W
75 cm	undyed		1	4	R42557W
		½ circle taper (Round-Bodied) , heavy 			
90 cm	undyed	HRG-38 	0	3.5	R4346WN
90 cm	undyed		1	4	R4347WN
75 cm	undyed	HRG-40 	0	3.5	R43416W
90 cm	undyed		0	3.5	R43416WN
75 cm	undyed		1	4	R43417W
90 cm	undyed		1	4	R43417WN
75 cm	undyed		2	5	R43418W
90 cm	undyed		2	5	R43418WN
75 cm	undyed	HRG-50 	2 - 0	3	R43435W
90 cm	undyed		2 - 0	3	R43435WN
90 cm	undyed		0	3.5	R43436WN
90 cm	undyed		1	4	R43437WN
		½ circle reverse cutting 			
45 cm	undyed	HS-21 	4 - 0	1.5	R46843WF
45 cm	undyed		3 - 0	2	R46844WF
75 cm	undyed	HS-24 	3 - 0	2	R4694W
75 cm	undyed	HS-27 	2 - 0	3	R4705W
		½ circle cutting taper 			
90 cm	undyed	HSR-25 	3 - 0	2	R43664WN
90 cm	undyed		2 - 0	3	R43665WN
120 cm	undyed	HSR-35 	2 - 0	3	R43795WHT
90 cm	undyed		2 - 0	3	R43795WN
90 cm	undyed		0	3.5	R43796WN
90 cm	undyed		1	4	R43797WN
90 cm	undyed	HSR-40 	2 - 0	3	R43885WN
90 cm	undyed	HSR-45 	2 - 0	3	R43895WN
90 cm	undyed		0	3.5	R43896WN

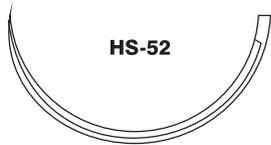
AssuCryl® Rapid (PGA) braided, coated, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle, reverse cutting 			
45 cm 45 cm 75 cm	undyed undyed undyed	TS-12 	6 - 0 5 - 0 4 - 0	0.7 1 1.5	R4521WF R4522WF R4523W
45 cm 75 cm 45 cm 75 cm	undyed undyed undyed undyed	TS-17 	4 - 0 4 - 0 3 - 0 3 - 0	1.5 1.5 2 2	R4543WF R4543W R4544WF R4544W
75 cm 75 cm 75 cm	undyed undyed undyed	TS-19 	4 - 0 3 - 0 2 - 0	1.5 2 3	R4553W R4554W R4555W
75 cm 75 cm 75 cm	undyed undyed undyed	TS-24 	4 - 0 3 - 0 2 - 0	1.5 2 3	R4563W R4564W R4565W
75 cm 75 cm	undyed undyed	TS-27 	3 - 0 2 - 0	2 3	R4574W R4575W
75 cm 75 cm	undyed undyed	TS-30 	2 - 0 0	3 3.5	R4585W R4586W
		3/8 circle, reverse cutting, precision point 			
45 cm 45 cm	undyed undyed	TS-12P 	5 - 0 4 - 0	1 1.5	R45202WF R45203WF
75 cm 75 cm	undyed undyed	TS-19P 	4 - 0 3 - 0	1.5 2	R45503W R45504W
75 cm 75 cm	undyed undyed	TS-24P 	3 - 0 2 - 0	2 3	R45604W R45605W
75 cm 75 cm	undyed undyed	TS-27P 	3 - 0 2 - 0	2 3	R45704W R45705W
75 cm 75 cm	undyed undyed	TS-35P 	3 - 0 2 - 0	2 3	R45864W R45865W
		3/8 circle, cutting taper 			
75 cm 75 cm	undyed undyed	TSR-18 	4 - 0 3 - 0	1.5 2	R43913W R43914W
		straight cutting 			
45 cm	undyed	RS-45 	4 - 0	1.5	R4823WF
75 cm 75 cm	undyed undyed	RS-58 	3 - 0 2 - 0	2 3	R4844W R4845W

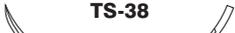
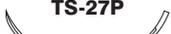
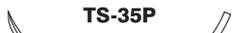
AssuCryl® MonoSlow (PDO) monofilament, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle taper (Round-Bodied) 			
45 cm 45 cm	violet violet	HR-13 	5 - 0 4 - 0	1 1.5	MS4202F MS4203F
75 cm 90 cm 75 cm 90 cm 75 cm	violet violet violet violet violet	HR-17 	5 - 0 5 - 0 4 - 0 4 - 0 3 - 0	1 1 1.5 1.5 2	MS4232 MS4232N MS4233 MS4233N MS4234
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HR-20 	4 - 0 3 - 0 2 - 0 0	1.5 2 3 3.5	MS42353 MS42354 MS42355 MS42356
75 cm 75 cm 75 cm	violet violet violet	HR-22 	4 - 0 3 - 0 2 - 0	1.5 2 3	MS4243 MS4244 MS4245
75 cm 75 cm 75 cm 75 cm 75 cm	violet violet violet violet violet	HR-25 	4 - 0 3 - 0 2 - 0 0 1	1.5 2 3 3.5 4	MS42453 MS42454 MS42455 MS42456 MS42457
75 cm 75 cm 75 cm	violet violet violet	HR-27 	3 - 0 2 - 0 0	2 3 3.5	MS4254 MS4255 MS4256
90 cm 75 cm 75 cm 75 cm 75 cm	violet violet violet violet violet	HR-30 	3 - 0 3 - 0 2 - 0 0 1	2 2 3 3.5 4	MS42554N MS42554 MS42555 MS42556 MS42557
75 cm 75 cm 75 cm 75 cm	violet violet violet violet	HR-40 	2 - 0 0 1 2	3 3.5 4 5	MS4285 MS4286 MS4287 MS4288
		½ circle taper (Round-Bodied) double-armed			
75 cm 75 cm	violet violet	2 x HR-13 	6 - 0 5 - 0	0.7 1	MS4861 MS4862
		½ circle taper (Round-Bodied) , heavy 			
75 cm 75 cm 75 cm	violet violet violet	HRG-27 	2 - 0 0 1	3 3.5 4	MS4335 MS4336 MS4337
90 cm 90 cm 90 cm	violet violet violet	HRG-38 	0 1 2	3.5 4 5	MS4346N MS4347N MS4348N
75 cm 90 cm 150 cm loop 75 cm 90 cm 150 cm loop 75 cm 90 cm	violet violet violet violet violet violet violet violet	HRG-40 	0 0 0 1 1 1 2 2	3.5 3.5 3.5 4 4 4 5 5	MS43416 MS43416N MS43416HF MS43417 MS43417N MS43417HF MS43418 MS43418N
90 cm	violet	HRG-45 	1	4	MS43427N
90 cm 150 cm loop 90 cm 150 cm loop 90 cm	violet violet violet violet violet	HRG-50 	0 0 1 1 2	3.5 3.5 4 4 5	MS43436N MS43436HF MS43437N MS43437HF MS43438N

AssuCryl® MonoSlow (PDO) monofilament, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle, reverse cutting 			
45 cm 45 cm	violet violet	HS-21 	3 - 0 2 - 0	2 3	MS46844F MS46845F
75 cm 75 cm 75 cm	violet violet violet	HS-30 	2 - 0 0 1	3 3.5 4	MS4715 MS4716 MS4717
90 cm 90 cm 90 cm	violet violet violet	HS-40 	0 1 2	3.5 4 5	MS4736N MS4737N MS4738N
90 cm 90 cm 90 cm	violet violet violet	HS-52 	0 1 2	3.5 4 5	MS4746N MS4747N MS4748N
		½ circle cutting taper 			
75 cm 75 cm	violet violet	HSR-25 	3 - 0 2 - 0	2 3	MS43664 MS43665
75 cm 75 cm	violet violet	HSR-27 	3 - 0 2 - 0	2 3	MS4374 MS4375
75 cm 90 cm 90 cm	violet violet violet	HSR-35 	2 - 0 0 1	3 3.5 4	MS43795 MS43796N MS43797N
75 cm 90 cm 75 cm 90 cm	violet violet violet violet	HSR-38 	0 0 1 1	3.5 3.5 4 4	MS4386 MS4386N MS4387 MS4387N
		½ circle cutting taper, heavy 			
90 cm 90 cm	violet violet	HSRG-35 	0 1	3.5 4	MS43806N MS43807N
90 cm 90 cm	violet violet	HSRG-40 	0 1	3.5 4	MS43866N MS43867N
		3/8 circle taper (Round-Bodied) double-armed 			
75 cm 75 cm	violet violet	2 x TR-13 	6 - 0 5 - 0	0.7 1	MS4991 MS4992

AssuCryl® MonoSlow (PDO) monofilament, synthetic absorbable

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle reverse cutting 			
45 cm 45 cm 45 cm	violet violet violet	TS-12 	6 - 0 5 - 0 4 - 0	0.7 1 1.5	MS4521F MS4522F MS4523F
75 cm 75 cm 75 cm	violet violet violet	TS-15 	6 - 0 5 - 0 4 - 0	0.7 1 1.5	MS4531 MS4532 MS4533
45 cm 75 cm 45 cm 75 cm	violet violet violet violet	TS-17 	4 - 0 4 - 0 3 - 0 3 - 0	1.5 1.5 2 2	MS4543F MS4543 MS4544F MS4544
45 cm 75 cm 45 cm 75 cm	violet violet violet violet	TS-19 	4 - 0 4 - 0 3 - 0 3 - 0	1.5 1.5 2 2	MS4553F MS4553 MS4554F MS4554
75 cm 75 cm 75 cm	violet violet violet	TS-24 	4 - 0 3 - 0 2 - 0	1.5 2 3	MS4563 MS4564 MS4565
75 cm 75 cm	violet violet	TS-27 	3 - 0 2 - 0	2 3	MS4574 MS4575
75 cm 75 cm 75 cm	violet violet violet	TS-30 	3 - 0 2 - 0 0	2 3 3.5	MS4584 MS4585 MS4586
75 cm 75 cm 75 cm	violet violet violet	TS-38 	3 - 0 2 - 0 0	2 3 3.5	MS4594 MS4595 MS4596
		Straight, cutting 			
75 cm 75 cm 75 cm	violet violet violet	RS-58 	3 - 0 2 - 0 0	2 3 3.5	MS4844 MS4845 MS4846
		3/8 circle reverse cutting Precision Point 			
45 cm 45 cm 45 cm	violet violet violet	TS-12P 	6 - 0 5 - 0 4 - 0	0.7 1 1.5	MS45201F MS45202F MS45203F
45 cm 45 cm 45 cm	violet violet violet	TS-15P 	5 - 0 4 - 0 3 - 0	1 1.5 2	MS45302F MS45303F MS45304F
45 cm 45 cm	violet violet	TS-19P 	4 - 0 3 - 0	1.5 2	MS45503F MS45504F
45 cm 45 cm	violet violet	TS-24P 	4 - 0 3 - 0	1.5 2	MS45603F MS45604F
45 cm	violet	TS-27P 	3 - 0	2	MS45704F
45 cm	violet	TS-35P 	2 - 0	3	MS45865F

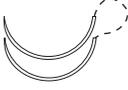
Astralen / Polyester braided, coated

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle taper (Round-Bodied) 			
75 cm 75 cm 75 cm	green green green	HR-13 	5 - 0 4 - 0 3 - 0	1 1.5 2	3202 3203 3204
75 cm 75 cm 75 cm 75 cm	green green green green	HR-17 	5 - 0 4 - 0 3 - 0 2 - 0	1 1.5 2 3	3232 101 102 3235
75 cm 75 cm 75 cm	green green green	HR-22 	4 - 0 3 - 0 2 - 0	1.5 2 3	3243 3244 3245
75 cm 75 cm 75 cm 75 cm	green green green green	HR-27 	4 - 0 3 - 0 2 - 0 0	1.5 2 3 3.5	103 104 105 3256
75 cm 75 cm 75 cm 75 cm	green green green green	HR-32 	3 - 0 2 - 0 0 1	2 3 3.5 4	3264 3265 3266 3267
75 cm 75 cm 75 cm 75 cm 75 cm	green green green green green	HR-38 	3 - 0 2 - 0 0 1 2	2 3 3.5 4 5	3274 106 107 3277 108
75 cm 75 cm 75 cm	green green green	HR-40 	2 - 0 0 1	3 3.5 4	3285 3286 3287
		½ circle taper, heavy 			
75 cm 75 cm 75 cm 75 cm	green green green green	HRG-27 	2 - 0 0 1 2	3 3.5 4 5	3335 3336 3337 3338
75 cm 75 cm	green green	HRG-38 	2 - 0 0	3 3.5	3345 3346
		½ circle taper, double-armed 			
75 cm 90 cm 75 cm 90 cm 75 cm 90 cm	green green green green green green	2 x HR-17 	4 - 0 4 - 0 3 - 0 3 - 0 2 - 0 2 - 0	1.5 1.5 2 2 3 3	901 901N 902 902N 3875 3875N
75 cm	green & white	Multipack 4 sutures per envelope - 2 green & 2 white braided sutures	4 - 0	1.5	CV 901x4
75 cm 90 cm 75 cm 90 cm	green green green green	2 x HR-25 	3 - 0 3 - 0 2 - 0 2 - 0	2 2 3 3	38854 38854N 38855 38855N
90 cm	green	2 x HR-35 	2 - 0	3	38975N

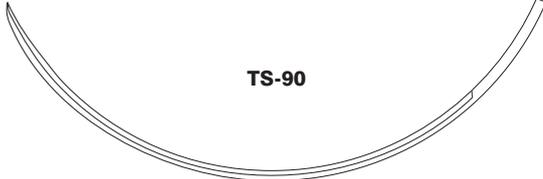
Astralen / Polyester braided, coated

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle, reverse cutting 			
75 cm	green	HS-17 	6 - 0	0.7	3671
75 cm	green		5 - 0	1	3672
75 cm	green		4 - 0	1.5	3673
75 cm	green		3 - 0	2	3674
75 cm	green	HS-19 	4 - 0	1.5	3683
75 cm	green		3 - 0	2	3684
75 cm	green		2 - 0	3	3685
75 cm	green	HS-24 	4 - 0	1.5	3693
75 cm	green		3 - 0	2	3694
75 cm	green		2 - 0	3	3695
75 cm	green		0	3.5	3696
75 cm	green	HS-27 	2 - 0	3	160
75 cm	green	HS-30 	2 - 0	3	3715
75 cm	green		0	3.5	3716
75 cm	green		1	4	3717
75 cm	green	HS-38 	2 - 0	3	3725
75 cm	green		0	3.5	3726
75 cm	green		1	4	3727
75 cm	green		2	5	3728
		½ circle, cutting taper 			
75 cm	green	HSR-18 	5 - 0	1	3362
75 cm	green		4 - 0	1.5	3363
75 cm	green		3 - 0	2	3364
75 cm	green		2 - 0	3	3365
75 cm	green	HSR-27 	3 - 0	2	3374
75 cm	green		2 - 0	3	3375
75 cm	green	HSR-38 	0	3.5	3386
75 cm	green		1	4	3387

Astralen / Polyester braided, coated

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle, cutting taper, double-armed 			
90 cm	green	2 x HSR-18 	5 - 0	1	3942N
90 cm	green		4 - 0	1.5	3943N
90 cm	green		3 - 0	2	3944N
90 cm	green		2 - 0	3	3945N
90 cm	green & white		Multipack 4 sutures per envelope - 2 green & 2 white braided sutures	2 - 0	3
75 cm	green	2 x HSR-25 	2 - 0	3	39485
90 cm	green		2 - 0	3	39485N
		3/8 circle taper (Round-Bodied) 			
75 cm	green	TR-17 	5 - 0	1	123
75 cm	green		4 - 0	1.5	124
75 cm	green		3 - 0	2	125
75 cm	green		2 - 0	3	3435
75 cm	green	TR-22 	5 - 0	1	3442
75 cm	green		4 - 0	1.5	3443
75 cm	green		3 - 0	2	3444
75 cm	green		2 - 0	3	3445
75 cm	green		0	3.5	3446
75 cm	green	TR-27 	2 - 0	3	3455
75 cm	green		0	3.5	3456
75 cm	green		1	4	3457
75 cm	green		2	5	3458
75 cm	green	TR-32 	2 - 0	3	3465
75 cm	green		0	3.5	3466
75 cm	green		1	4	3467
75 cm	green		2	5	3468
75 cm	green		3	6	3469
75 cm	green	TR-38 	2 - 0	3	3475
75 cm	green		0	3.5	3476
75 cm	green		1	4	3477
75 cm	green		2	5	3478
75 cm	green		3	6	3479
		3/8 circle taper (Round-Bodied), double-armed 			
75 cm	green	2 x TR-13 	6 - 0	0.7	906
75 cm	green		5 - 0	1	907
75 cm	green		4 - 0	1.5	3993
75 cm	green	2 x TR-22 	5 - 0	1	31252
75 cm	green		4 - 0	1.5	31253

Astralen / Polyester braided, coated

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle, reverse cutting 			
45 cm 45 cm 45 cm 75 cm	green green green green	TS-12 	6 - 0 5 - 0 4 - 0 4 - 0	0.7 1 1.5 1.5	132F 133F 134F 134
45 cm 75 cm 75 cm	green green green	TS-17 	5 - 0 5 - 0 4 - 0	1 1 1.5	135F 135 136
75 cm 75 cm 75 cm 75 cm 75 cm 75 cm	green green green green green green	TS-19 	6 - 0 5 - 0 4 - 0 3 - 0 2 - 0 0	0.7 1 1.5 2 3 3.5	3551 137 138 139 3555 3556
75 cm 75 cm 75 cm 75 cm	green green green green	TS-24 	4 - 0 3 - 0 2 - 0 0	1.5 2 3 3.5	140 141 142 3566
75 cm 75 cm 75 cm 75 cm	green green green green	TS-27 	4 - 0 3 - 0 2 - 0 0	1.5 2 3 3.5	143 144 145 3576
75 cm 75 cm 75 cm 75 cm	green green green green	TS-30 	3 - 0 2 - 0 0 1	2 3 3.5 4	146 147 3586 3587
75 cm 75 cm 75 cm 75 cm 75 cm 75 cm	green green green green green green	TS-38 	3 - 0 2 - 0 0 1 2 3	2 3 3.5 4 5 6	148 149 3596 3597 3598 3599
75 cm 75 cm 75 cm 75 cm	green green green green	TS-45 	0 1 2 3	3.5 4 5 6	3606 3607 3608 3609
100 cm	green	TS-90 	1	4	36257H
		straight cutting 			
75 cm 75 cm 75 cm 75 cm 75 cm	green green green green green	RS-50 	3 - 0 2 - 0 0 1 2	2 3 3.5 4 5	3834 3835 3836 3837 3838
75 cm	green	RS-58 	2 - 0	3	3845

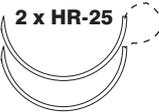
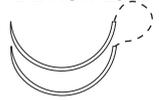
Astralen / Polyester braided, coated

Ophthalmic sutures

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
45 cm 45 cm	green white	 <p>2 x HSP 8</p>  1/2 Circle, 8 mm long, spatula, 350 Microns, double-armed	5 - 0 5 - 0	1 1	322085 322085W
45 cm 45 cm	green white	 <p>2 x KSP 8</p>  1/4 Circle, 8 mm long, spatula, 350 Microns, double-armed	5 - 0 5 - 0	1 1	332085 332085W

Astralen

Polyester braided white and green, coated, for valve replacement

1/2 circle taper (Round-Bodied), double-armed 					
Needle Code	Thread Colour	USP	EP	Length	REF
 <p>2 x HR-17</p>	green & white	2 - 0 5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget	3	75 cm	CV 3875-37x10
	green & white	2 - 0 5 green & 5 white braided sutures with 3x5x1.5mm oval firm pledget	3	75 cm	CV 3875-35x10
	green & white	2 - 0 5 green & 5 white braided sutures with 3x3x1.5mm oval firm pledget	3	75 cm	CV 3875-33x10
	green & white	2 - 0 5 green & 5 white braided sutures	3	75 cm	CV 3875x10
 <p>2 x HR-25</p>	green & white	2 - 0 5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget	3	75 cm	CV 38855-37x10
	green & white	2 - 0 5 green & 5 white braided sutures	3	75 cm	CV 38855x10
	green & white	2 - 0 5 green & 5 white braided sutures	3	90 cm	CV 38855Nx10
1/2 circle, cutting taper, double-armed 					
Needle Code	Thread Colour	USP	EP	Length	REF
 <p>2 x HSR-18</p>	green & white	2 - 0 5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget	3	75 cm	CV 3945-37x10
	green & white	2 - 0 5 green & 5 white braided sutures with 3x3x1.5mm oval firm pledget	3	75 cm	CV 3945-33x10
	green & white	2 - 0 3 green & 3 white braided sutures with 2x4x1.5mm rectangular firm pledget	3	75 cm	CV 3945-24x6
	green & white	2 - 0 5 green & 5 white braided sutures	3	75 cm	CV 3945x10
 <p>2 x HSR-25</p>	green & white	2 - 0 5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget	3	75 cm	CV 39485-37x10
	green & white	2 - 0 5 green & 5 white braided sutures	3	75 cm	CV 39485x10

Silk black braided

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		1/2 circle taper (Round-Bodied) 			
75 cm 75 cm	black black	HR-13 	5 - 0 4 - 0	1 1.5	601 602
75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black	HR-17 	6 - 0 5 - 0 4 - 0 3 - 0 2 - 0	0.7 1 1.5 2 3	6231 603 604 605 6235
75 cm 75 cm 75 cm	black black black	HR-20 	4 - 0 3 - 0 2 - 0	1.5 2 3	62353 62354 62355
75 cm 75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black black	HR-22 	6 - 0 5 - 0 4 - 0 3 - 0 2 - 0 0	0.7 1 1.5 2 3 3.5	6241 6242 606 607 6245 6246
75 cm 75 cm 75 cm	black black black	HR-25 	4 - 0 3 - 0 2 - 0	1.5 2 3	62453 62454 62455
75 cm 75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black black	HR-27 	4 - 0 3 - 0 2 - 0 0 1 2	1.5 2 3 3.5 4 5	608 609 610 6256 6257 6258
75 cm 75 cm 75 cm 75 cm	black black black black	HR-30 	3 - 0 2 - 0 0 1	2 3 3.5 4	62554 62555 62556 62557
75 cm 75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black black	HR-32 	3 - 0 2 - 0 0 1 2 3	2 3 3.5 4 5 6	6264 6265 6266 6267 6268 6269
75 cm 75 cm 75 cm	black black black	HR-35 	2 - 0 0 1	3 3.5 4	62655 62656 62657
75 cm 75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black black	HR-38 	3 - 0 2 - 0 0 1 2 3	2 3 3.5 4 5 6	611 612 613 6277 6278 6279

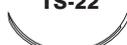
Silk black braided

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		1/2 circle taper (Round-Bodied) 			
75 cm	black	 HR-40	2 - 0	3	6285
75 cm	black		0	3	6286
75 cm	black		1	3	6287
75 cm	black		2	3	6288
75 cm	black	 HR-50	2 - 0	3	6295
75 cm	black		0	3.5	6296
75 cm	black		1	4	6297
75 cm	black		2	5	6298
100 cm	black	 HR-55	2 - 0	3	62955H
100 cm	black		0	3.5	62956H
75 cm	black	 HR-65	1	4	62987
75 cm	black		2	5	62988
75 cm	black		3	6	62989
		1/2 circle taper (Round-Bodied), heavy 			
75 cm	black	 HRG-32	1	4	63357
75 cm	black	 HRG-38	2 - 0	3	6345
75 cm	black		0	3.5	6346
75 cm	black		1	4	6347
75 cm	black		2	5	6348
		1/2 circle, reverse cutting 			
45 cm	black	 HS-12	5 - 0	1	6652F
45 cm	black		4 - 0	1.5	6653F
75 cm	black	 HS-17	5 - 0	1	6672
75 cm	black		4 - 0	1.5	6673
75 cm	black		3 - 0	2	6674
75 cm	black		2 - 0	3	6675
75 cm	black	 HS-19	5 - 0	1	6682
75 cm	black		4 - 0	1.5	6683
75 cm	black		3 - 0	2	6684
75 cm	black		2 - 0	3	6685
75 cm	black	 HS-21	4 - 0	1.5	66843
75 cm	black		3 - 0	2	66844
45 cm	black		3 - 0	2	66844F
75 cm	black		2 - 0	3	66845
75 cm	black	 HS-22	3 - 0	2	66864
45 cm	black		3 - 0	2	66864F
75 cm	black	 HS-23	3 - 0	2	66904

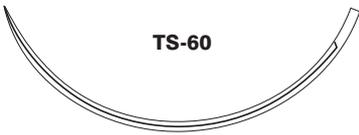
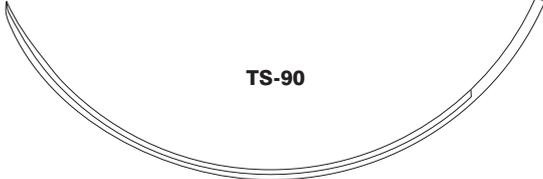
Silk black braided

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle, reverse cutting 			
75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black	HS-24 	5 - 0 4 - 0 3 - 0 2 - 0 0	1 1.5 2 3 3.5	6692 6693 6694 6695 6696
75 cm 75 cm 75 cm 75 cm	black black black black	HS-30 	3 - 0 2 - 0 0 1	2 3 3.5 4	6714 6715 6716 6717
75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black	HS-38 	2 - 0 0 1 2 3	3 3.5 4 5 6	6725 6726 6727 6728 6729
75 cm 75 cm	black black	HS-52 	0 1	3.5 4	6746 6747
		½ circle cutting taper 			
75 cm 75 cm 75 cm	black black black	HSR-18 	5 - 0 4 - 0 3 - 0	1 1.5 2	621 622 623
75 cm 75 cm 75 cm	black black black	HSR-27 	4 - 0 3 - 0 2 - 0	1.5 2 3	624 625 626
		½ circle cutting taper, heavy 			
75 cm	black	HSRG-27 	2 - 0	3	63755
		3/8 circle taper (Round-Bodied) 			
75 cm 75 cm 75 cm 75 cm	black black black black	TR-13 	6 - 0 5 - 0 4 - 0 3 - 0	0.7 1 1.5 2	632 633 6423 6424

Silk black braided

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle, taper (Round-Bodied) 			
75 cm	black	TR-17 	5 - 0	1	634
75 cm	black		4 - 0	1.5	635
75 cm	black		3 - 0	2	636
75 cm	black		2 - 0	3	6435
75 cm	black	TR-22 	5 - 0	1	6442
75 cm	black		4 - 0	1.5	6443
75 cm	black		3 - 0	2	6444
75 cm	black		2 - 0	3	6445
75 cm	black		0	3.5	6446
75 cm	black	TR-27 	3 - 0	2	6454
75 cm	black		2 - 0	3	6455
75 cm	black		0	3.5	6456
75 cm	black		1	4	6457
75 cm	black	TR-32 	3 - 0	2	6464
75 cm	black		2 - 0	3	6465
75 cm	black		0	3.5	6466
75 cm	black		1	4	6467
75 cm	black		2	5	6468
75 cm	black	TR-38 	2 - 0	3	6475
75 cm	black		0	3.5	6476
75 cm	black		1	4	6477
75 cm	black		2	5	6478
		3/8 circle, reverse cutting 			
45 cm	black	TS-12 	6 - 0	0.7	643F
45 cm	black		5 - 0	1	644F
75 cm	black		5 - 0	1	644
45 cm	black		4 - 0	1.5	645F
75 cm	black		4 - 0	1.5	645
75 cm	black	TS-15 	6 - 0	0.7	6531
75 cm	black		5 - 0	1	6532
75 cm	black		4 - 0	1.5	6533
75 cm	black		3 - 0	2	6534
75 cm	black		2 - 0	3	6535
75 cm	black	TS-17 	6 - 0	0.7	659
75 cm	black		5 - 0	1	660
75 cm	black		4 - 0	1.5	6543
75 cm	black		3 - 0	2	6544
75 cm	black		2 - 0	3	6545
75 cm	black	TS-19 	5 - 0	1	646
75 cm	black		4 - 0	1.5	647
75 cm	black		3 - 0	2	648
75 cm	black		2 - 0	3	6555
75 cm	black	TS-22 	3 - 0	2	65544
75 cm	black	TS-24 	4 - 0	1.5	649
75 cm	black		3 - 0	2	650
75 cm	black		2 - 0	3	651
75 cm	black		0	3.5	6566

Silk black braided

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle, reverse cutting 			
75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black	TS-27 	4 - 0 3 - 0 2 - 0 0 1	1.5 2 3 3.5 4	652 653 654 6576 6577
75 cm 75 cm 75 cm 75 cm 75 cm	black black black black black	TS-30 	4 - 0 3 - 0 2 - 0 0 1	1.5 2 3 3.5 4	6583 655 656 6586 6587
75 cm 75 cm 75 cm 75 cm	black black black black	TS-35 	3 - 0 2 - 0 0 1	2 3 3.5 4	65854 65855 65856 65857
75 cm 75 cm 75 cm 75 cm	black black black black	TS-38 	3 - 0 2 - 0 0 1	2 3 3.5 4	657 658 6596 6597
75 cm 75 cm 75 cm	black black black	TS-45 	0 1 2	3.5 4 5	6606 6607 6608
75 cm 75 cm 75 cm	black black black	TS-60 	0 1 2	3.5 4 5	6626 6627 6628
100 cm 100 cm 100 cm 100 cm	black black black black	TS-90 	2 - 0 0 1 2	3 3.5 4 5	66255H 66256H 66257H 66258H
		3/8 circle reverse cutting, double-armed 			
45 cm 45 cm 45 cm	black black black	2 x TS-12 	6 - 0 5 - 0 4 - 0	0.7 1 1.5	947F 948F 949F
38 cm 38 cm 38 cm	black black black	2 x TS-17 	5 - 0 4 - 0 3 - 0	1 1.5 2	6152TE 6153TE 6154TE

Silk black braided

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		straight cutting 			
75 cm 75 cm 75 cm 75 cm	black black black black	RS-50 	4 - 0 3 - 0 2 - 0 0	1.5 2 3 3.5	6833 6834 6835 6836
75 cm 75 cm 75 cm	black black black	RS-58 	2 - 0 0 1	3 3.5 4	6845 6846 6847
100 cm 100 cm 100 cm	black black black	RS-75 	2 - 0 0 1	3 3.5 4	6855H 6856H 6857H

Ophthalmic sutures

Micropoint-Spatula needles on Blue Virgin Silk

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
30 cm	blue	2 x TSP 6  Curved, 6,2 mm long, spatula, 150 microns, double-armed	8 - 0	0.4	684568
45 cm	blue	2 x TSP 7  Curved, 6,4 mm long, spatula, 200 microns, double-armed	8 - 0	0.4	686688
30 cm	blue	2 x HSP 8  ½ circle, 8 mm long, spatula, 200 microns, double-armed	8 - 0	0.4	622668

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Pre-cut sutures without needle

Number of Strands x Length	Thread Colour	USP	EP	REF
1 x 100 cm	black	6 - 0	0.7	691
1 x 100 cm	black	5 - 0	1	692
1 x 100 cm	black	4 - 0	1.5	693
1 x 100 cm	black	3 - 0	2	694
1 x 100 cm	black	2 - 0	3	695
1 x 100 cm	black	0	3.5	696
1 x 100 cm	black	1	4	697
1 x 100 cm	black	2	5	698
1 x 100 cm	black	3	6	699
1 x 150 cm	black	3 - 0	2	60034
1 x 150 cm	black	2 - 0	3	60035
1 x 150 cm	black	0	3.5	60036
1 x 180 cm	black	4 - 0	1.5	60043
1 x 180 cm	black	3 - 0	2	60044
1 x 180 cm	black	2 - 0	3	60045
1 x 180 cm	black	0	3.5	60046
1 x 180 cm	black	1	4	60047
5 x 75 cm	black	4 - 0	1.5	681
5 x 75 cm	black	3 - 0	2	682
5 x 75 cm	black	2 - 0	3	683
5 x 75 cm	black	0	3.5	684
5 x 75 cm	black	1	4	685
17 x 50 cm	black	5 - 0	1	671
17 x 50 cm	black	4 - 0	1.5	672
17 x 50 cm	black	3 - 0	2	673
17 x 50 cm	black	2 - 0	3	674
17 x 50 cm	black	0	3.5	675
17 x 50 cm	black	1	4	676
17 x 50 cm	black	2	5	677
13 x 60 cm	black	6 - 0	0.7	60001
13 x 60 cm	black	5 - 0	1	60002
13 x 60 cm	black	4 - 0	1.5	60003
13 x 60 cm	black	3 - 0	2	60004
13 x 60 cm	black	2 - 0	3	60005
13 x 60 cm	black	0	3.5	60006
13 x 60 cm	black	1	4	60007
13 x 60 cm	black	2	5	60008

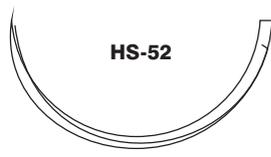
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Monofil Nylon / Polyamide blue

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle taper (Round-Bodied) 			
75 cm 75 cm 75 cm 100 cm 100 cm 100 cm	blue blue blue blue blue blue	 HR-30	2 - 0 0 1 2 - 0 0 1	3 3.5 4 3 3.5 4	52555 52556 52557 52555H 52556H 52557H
100 cm 100 cm 100 cm	blue blue blue	 HR-32	2 - 0 0 1	3 3.5 4	5265H 5266H 5267H
100 cm 100 cm	blue blue	 HR-38	0 1	3.5 4	5276H 5277H
75 cm 75 cm 100 cm 100 cm	blue blue blue blue	 HR-40	0 1 0 1	3.5 4 3.5 4	5286 5287 5286H 5287H
75 cm 75 cm 100 cm 100 cm	blue blue blue blue	 HR-45	0 1 0 1	3.5 4 3.5 4	52856 52857 52856H 52857H
100 cm 100 cm	blue blue	 HR-50	1 2	4 5	5297H 5298H
		½ circle taper (Round-Bodied), heavy 			
150 cm Loop 150 cm Loop	blue blue	 HRG-32	2 - 0 0	3 3.5	53355HF 53356HF
150 cm Loop 150 cm Loop 150 cm Loop	blue blue blue	 HRG-38	2 - 0 0 1	3 3.5 4	5345HF 5346HF 5347HF
150 cm Loop 150 cm Loop 150 cm Loop	blue blue blue	 HRG-40	2 - 0 0 1	3 3.5 4	53415HF 53416HF 53417HF
150 cm Loop 150 cm Loop	blue blue	 HRG-50	0 1	3.5 4	53436HF 53437HF

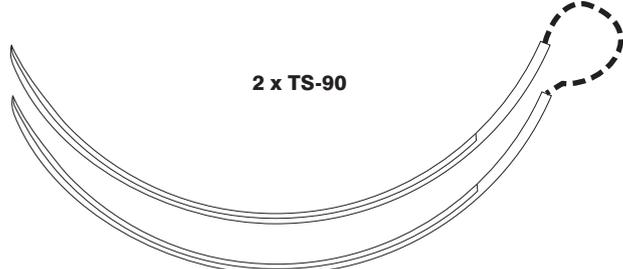
Monofil Nylon / Polyamide blue

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle, reverse cutting 			
75 cm 75 cm 75 cm	blue blue blue	HS-17 	5 - 0 4 - 0 3 - 0	1 1.5 2	5672 5673 5674
75 cm 75 cm	blue blue	HS-19 	4 - 0 3 - 0	1.5 2	5683 5684
75 cm 75 cm 45 cm 75 cm	blue blue blue blue	HS-21 	4 - 0 3 - 0 3 - 0 2 - 0	1.5 2 2 3	56843 56844 56844F 56845
75 cm 75 cm	blue blue	HS-24 	3 - 0 2 - 0	2 3	5694 5695
75 cm 75 cm 75 cm	blue blue blue	HS-30 	3 - 0 2 - 0 0	2 3 3.5	5714 5715 5716
75 cm 75 cm 75 cm	blue blue blue	HS-35 	3 - 0 2 - 0 0	2 3 3.5	57014 57015 57016
75 cm 75 cm 75 cm 75 cm	blue blue blue blue	HS-38 	3 - 0 2 - 0 0 1	2 3 3.5 4	5724 5725 5726 5727
75 cm 100 cm 100 cm	blue blue blue	HS-40 	0 1 2	3.5 4 5	5736 5737H 5738H
100 cm 100 cm	blue blue	HS-52 	0 1	3.5 4	5746H 5747H

Monofil Nylon / Polyamide blue

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle, reverse cutting 			
45 cm 45 cm 45 cm	blue blue blue	TS-12 	6 - 0 5 - 0 4 - 0	0.7 1 1.5	501F 502F 503F
45 cm 75 cm 75 cm 75 cm	blue blue blue blue	TS-15 	6 - 0 6 - 0 5 - 0 4 - 0	0.7 0.7 1 1.5	5531F 5531 5532 5533
75 cm 75 cm 75 cm 75 cm 75 cm	blue blue blue blue blue	TS-17 	6 - 0 5 - 0 4 - 0 3 - 0 2 - 0	0.7 1 1.5 2 3	5541 504 505 5544 5545
75 cm 75 cm 45 cm 75 cm 75 cm	blue blue blue blue blue	TS-19 	5 - 0 4 - 0 4 - 0 3 - 0 2 - 0	1 1.5 1.5 2 3	506 507 507F 508 5555
75 cm 75 cm 75 cm	blue blue blue	TS-24 	4 - 0 3 - 0 2 - 0	1.5 2 3	509 510 5565
75 cm 75 cm 45 cm 75 cm	blue blue blue blue	TS-27 	4 - 0 3 - 0 3 - 0 2 - 0	1.5 2 2 3	511 512 512F 5575
75 cm 75 cm 75 cm	blue blue blue	TS-30 	3 - 0 2 - 0 0	2 3 3.5	513 514 5586
75 cm 75 cm 75 cm 75 cm	blue blue blue blue	TS-38 	3 - 0 2 - 0 0 1	2 3 3.5 4	515 516 5596 5597
75 cm 100 cm 75 cm 75 cm	blue blue blue blue	TS-45 	2 - 0 2 - 0 0 1	3 3 3.5 4	517 517H 5606 5607
75 cm 100 cm 75 cm 75 cm	blue blue blue blue	TS-60 	2 - 0 2 - 0 0 1	3 3 3.5 4	5625 5625H 5626 5627
100 cm 100 cm 100 cm 100 cm	blue blue blue blue	TS-90 	2 - 0 0 1 2	3 3.5 4 5	56255H 56256H 56257H 56258H

Monofil Nylon / Polyamide blue

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		3/8 circle cutting, double-armed 			
100 cm 100 cm	blue blue	<p>2 x TS-90</p> 	0 1	3.5 4	51796H 51797H
		straight cutting 			
75 cm 75 cm 75 cm	blue blue blue	<p>RS-50</p> 	3 - 0 2 - 0 0	2 3 3.5	5834 5835 5836
75 cm 75 cm 100 cm 75 cm	blue blue blue blue	<p>RS-58</p> 	3 - 0 2 - 0 2 - 0 0	2 3 3 3.5	5844 5845 5845H 5846

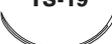
Ophthalmic sutures Black Monofilament Nylon

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
30 cm	black	<p>2 x TSP 6</p>  <p>Curved, 6,2 mm long, spatula 150 microns, double armed</p>	10 - 0	0.2	584560
30 cm 30 cm	black black	<p>2 x TSP 7</p>  <p>Curved, 6,4 mm long, spatula 200 microns, double armed</p>	10 - 0 9 - 0	0.2 0.3	586660 586669

Microsurgical sutures

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
13 cm	black	<p>TRM 4</p>  <p>Curved, chord 3 mm, 4 mm long, taper 100 microns, Micropoint</p>	10 - 0	0.2	541320
13 cm	black	<p>TRM 5</p>  <p>Curved, chord 3 mm, 5 mm long, taper 100 microns, Micropoint</p>	10 - 0	0.2	543320
13 cm	black	<p>RRM 4</p>  <p>Straight, 4 mm long, taper 75 microns, Micropoint</p>	10 - 0	0.2	535220

Supramid black

Length	Thread Colour	Needle Code and Length in mm	USP	EP	REF
		½ circle, reverse cutting 			
75 cm	black	HS-17	4 - 0	1.5	8673
75 cm	black		3 - 0	2	8674
75 cm	black		2 - 0	3	8675
75 cm	black	HS-19	4 - 0	1.5	8683
75 cm	black		3 - 0	2	8684
75 cm	black		2 - 0	3	8685
75 cm	black		0	3.5	8686
75 cm	black	HS-24	4 - 0	1.5	8693
75 cm	black		3 - 0	2	8694
75 cm	black		2 - 0	3	8695
75 cm	black		0	3.5	8696
75 cm	black	HS-30	3 - 0	2	8714
75 cm	black		2 - 0	3	8715
75 cm	black		0	3.5	8716
75 cm	black		1	4	8717
75 cm	black	HS-38	3 - 0	2	8724
75 cm	black		2 - 0	3	8725
75 cm	black		0	3.5	8726
75 cm	black		1	4	8727
		3/8 circle, reverse cutting 			
75 cm	black	TS-17	6 - 0	0.7	8541
75 cm	black		5 - 0	1	834
75 cm	black		4 - 0	1.5	835
45 cm	black		4 - 0	1.5	835F
75 cm	black	TS-19	5 - 0	1	836
75 cm	black		4 - 0	1.5	837
45 cm	black		4 - 0	1.5	837F
75 cm	black		3 - 0	2	838
45 cm	black		3 - 0	2	838F
75 cm	black		2 - 0	3	8555
75 cm	black		0	3.5	8556
75 cm	black	TS-24	4 - 0	1.5	839
75 cm	black		3 - 0	2	840
75 cm	black		2 - 0	3	841
75 cm	black		0	3.5	8566
75 cm	black	TS-27	5 - 0	1	8572
75 cm	black		4 - 0	1.5	842
75 cm	black		3 - 0	2	843
75 cm	black		2 - 0	3	844
75 cm	black		0	3.5	8576
75 cm	black	TS-30	3 - 0	2	845
75 cm	black		2 - 0	3	846
75 cm	black		0	3.5	8586
75 cm	black		1	4	8587

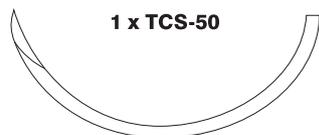
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STERNOTOMY Monofilament Surgical Steel

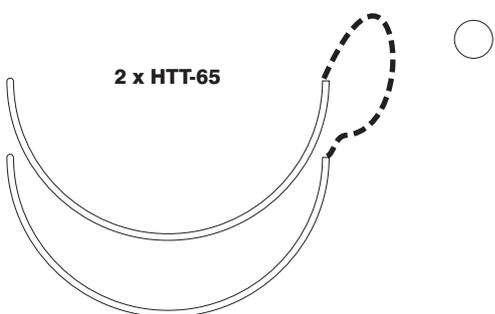
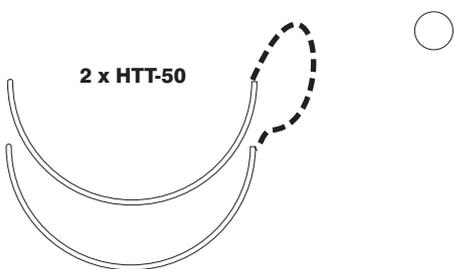
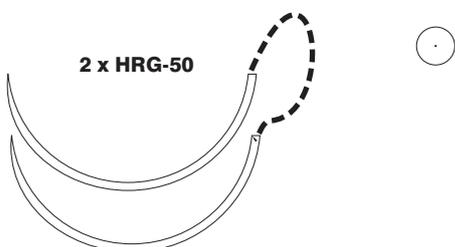
Needle Code	USP	EP	Length	Multipack	Prod. No.
 <p>1 x HCS-50</p> <p>1/2 circle, conventional cutting 50 mm</p>	5	7	45 cm	4 Sutures	CV 7601x4
	6	8	45 cm	4 Sutures	CV 7624x4
	7	9	45 cm	4 Sutures	CV 7605x4
	5	7	75 cm	2 Sutures	CV 7802x2
	5	7	45 cm	6 Sutures	CV 7620x6
	5	7	75 cm	4 Sutures	CV 7621x4
	5	7	45 cm	5 Sutures	CV 7908x5
 <p>1 x TCS-50</p> <p>3/8 circle, conventional cutting 50 mm</p>	6	8	45 cm	6 Sutures	CV 7622x6
	6	8	75 cm	4 Sutures	CV 7623x4
	5	7	45 cm	4 Sutures	CV 7501x4
	5	7	45 cm	6 Sutures	CV 7502x6
	6	8	45 cm	4 Sutures	CV 7503x4
	6	8	45 cm	6 Sutures	CV 7504x6

Special feature - 360° Rotating Needle:

Needle Code	USP	EP	Length	Multipack	Prod. No.
 <p>1 x HCS-50</p> <p>1/2 circle, conventional cutting 50 mm</p>	5	7	45 cm	4 Sutures	CV 7601x4 - 360°
	6	8	45 cm	4 Sutures	CV 7624x4 - 360°
	7	9	45 cm	4 Sutures	CV 7605x4 - 360°

Specialties

Astralen white tape

Length	Suggested Specialty	Needle Code and Length in mm		REF
30 cm	Incompetent Cervix	<p>2 x HTT-65</p>  <p>½ circle, double-armed, Blunt Point</p>	5 mm wide	5 - 905
30 cm	Incompetent Cervix	<p>2 x HTT-50</p>  <p>½ circle, double-armed, Blunt Point</p>	3 mm wide	3 - 911
30 cm	Incompetent Cervix	<p>2 x HRG-50</p>  <p>½ circle taper (Round-Bodied), double-armed</p>	5 mm wide	5 - 950
75 cm	Umbilical Tape	WITHOUT NEEDLE	3 mm wide	3 - 901
35 cm	Umbilical Tape	WITHOUT NEEDLE	3 mm wide	3 - 902

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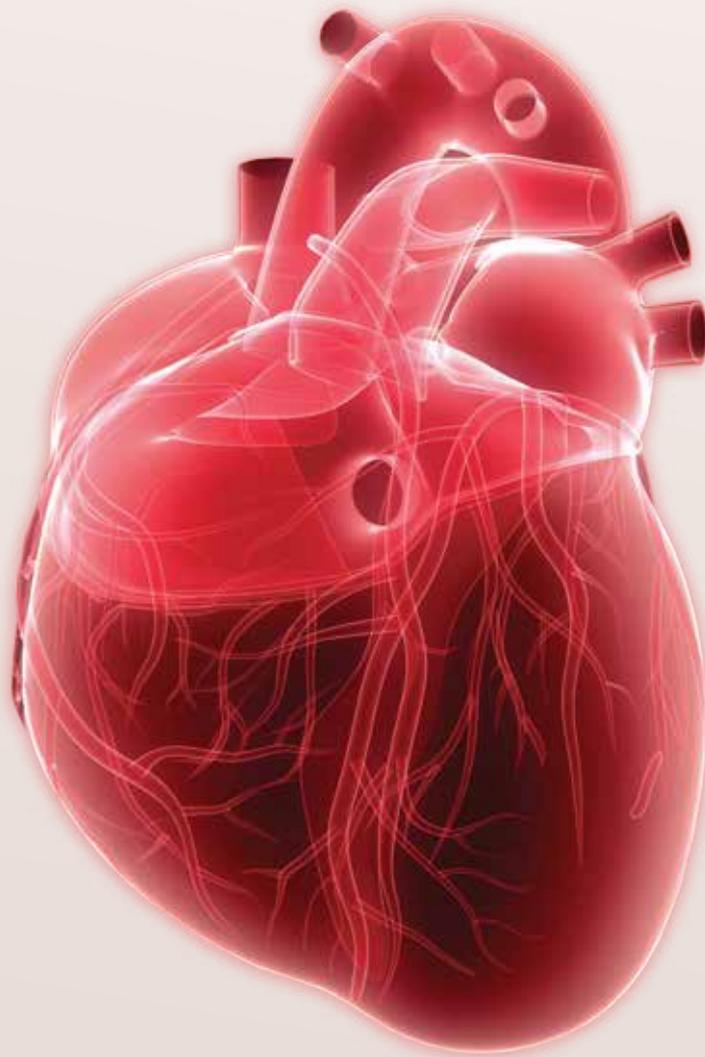
e-mail: info@assutsutures.com

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Vascular & Cardiovascular Sutures



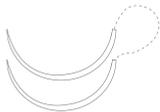
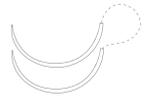
A leading Swiss brand, well-known worldwide

Astralen/Polyester coated

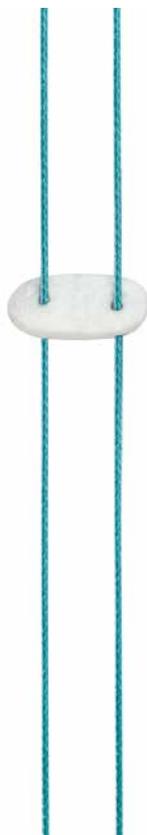
The sterile Assut Astralen/Polyester coated suture consists of braided polyester with a fine and uniform coating of medical grade polyester. A modern braiding technique and a special coating process provide a soft and easy to handle suture material with high tensile strength and knot security. Non-absorbable and available in green and white, single and multipack version; a special assortment is pre-threaded with pledgets.

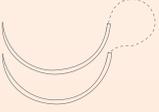
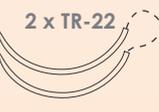


Astralen/polyester braided coated

½ CIRCLE - TAPER POINT (ROUND-BODIED), DOUBLE - ARMED					⊙
Needle code	USP	EP	CM	Product No. (REF)	
2 x HR-17 	2-0	3	75	CV 3875-37x10	
	5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget				
	2-0	3	75	CV 3875-35x10	
	5 green & 5 white braided sutures with 3x5x1.5mm oval firm pledget				
	2-0	3	75	CV 3875-33x10	
	5 green & 5 white braided sutures with 3x3x1.5mm oval firm pledget				
	2-0	3	75	CV 3875x10	
5 green & 5 white braided sutures					
2 x HR-25 	2-0	3	75	CV 38855-37x10	
	5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget				
	2-0	3	75	CV 38855x10	
	5 green & 5 white braided sutures				
	2-0	3	90	CV 38855Nx10	
5 green & 5 white braided sutures					
½ CIRCLE - CUTTING TAPER, DOUBLE - ARMED					⊙
Needle code	USP	EP	CM	Product No. (REF)	
2 x HSR-18 	2-0	3	75	CV 3945-37x10	
	5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledge				
	2-0	3	75	CV 3945-33x10	
	5 green & 5 white braided sutures with 3x3x1.5mm oval firm pledge				
	2-0	3	75	CV 3945x10	
5 green & 5 white braided sutures					
2 x HSR-25 	2-0	3	75	CV 39485-37x10	
	5 green & 5 white braided sutures with 3x7x1.5mm oval firm pledget				
	2-0	3	75	CV 39485x10	
5 green & 5 white braided sutures					

Astralen/Polyester coated



Needle code	USP	EP	CM	Product No. (REF)
½ CIRCLE - TAPER POINT (ROUND-BODIED), DOUBLE - ARMED 				
2 x HR-17 	5 - 0	1	75 (green)	3872
	4 - 0	1.5	75 (green)	901
	4 - 0	1.5	90 (green)	901N
	3 - 0	2	75 (green)	902
	3 - 0	2	90 (green)	902N
	2 - 0	3	75 (green)	3875
	2 - 0	3	90 (green)	3875N
	4 - 0	1.5	75 (green & white)	901x4
<small>Multipack 4 sutures per envelope - 2 green & 2 white braided sutures</small>				
2 x HR-25 	3 - 0	2	75 (green)	38854
	3 - 0	2	90 (green)	38854N
	2 - 0	3	75 (green)	38855
	2 - 0	3	90 (green)	38855N
2 x HR-35 	2 - 0	3	90 (green)	38975N
½ CIRCLE - CUTTING TAPER, DOUBLE - ARMED 				
2 x HSR-18 	5 - 0	1	90 (green)	3942N
	4 - 0	1.5	90 (green)	3943N
	3 - 0	2	90 (green)	3944N
	2 - 0	3	90 (green)	3945N
	2 - 0	3	90 (green & white)	3945Nx4
<small>Multipack 4 sutures per envelope - 2 green & 2 white braided sutures</small>				
2 x HSR-25 	2 - 0	3	75 (green)	39485
	2 - 0	3	90 (green)	39485N
¾ CIRCLE TAPER (ROUND-BODIED), DOUBLE-ARMED 				
2 x TR-17 	3 - 0	2	90 (green)	3124N
2 x TR-22 	5 - 0	1	75 (green)	31252
	4 - 0	1.5	75 (green)	31253
	3 - 0	2	75 (green)	31254

Surgical Stainless Steel (Sternotomy)

A special stainless steel monofilament made for the approximation of the sternum, very smooth and flexible with high tensile strength. The sterile Assut sternum wire is available with different needles on diameters USP -4-, -5-, -6- & -7-. Most modern packaging system for easy OR-handling.



Surgical Stainless steel monofilament

Needle code	USP	EP	CM	Multipack	Product No. (REF)
HCS-50  ½ circle, conventional cutting 50 mm	-5-	7	45	4 Sutures	CV 7601x4
	-6-	8	45	4 Sutures	CV 7624x4
	-7-	9	45	4 Sutures	CV 7605x4
	-5-	7	75	2 Sutures	CV 7802x2
	-5-	7	45	6 Sutures	CV 7620x6
	-5-	7	75	4 Sutures	CV 7621x4
	-5-	7	45	5 Sutures	CV 7908x5
	-6-	8	45	6 Sutures	CV 7622x6
	-6-	8	75	4 Sutures	CV 7623x4
TCS-50  ¾ circle, conventional cutting 50 mm	-5-	7	45	4 Sutures	CV 7501x4
	-5-	7	45	6 Sutures	CV 7502x6
	-6-	8	45	4 Sutures	CV 7503x4
	-6-	8	45	6 Sutures	CV 7504x6
HSG-50  ½ circle, reverse cutting, heavy, 50 mm	-7-	9	45	4 Sutures	CV 772607x4
HSRG-50  ½ circle, cutting taper, heavy, 50 mm	-4-	6	45	4 Sutures	CV 73979x4
	-5-	7	45	4 Sutures	CV 739705x4



Surgical Stainless Steel (Sternotomy)

Special feature - 360° Rotating Needle:



Surgical Stainless steel monofilament

Needle code	USP	EP	CM	Multipack	Product No. (REF)
HCS-50  ½ circle, conventional cutting 50 mm	-5-	7	45	4 Sutures	CV 7601x4 - 360°
	-6-	8	45	4 Sutures	CV 7624x4 - 360°
	-7-	9	45	4 Sutures	CV 7605x4 - 360°
HSG-55  ½ circle, reverse cutting, heavy, 55 mm	-5-	7	75	1 Suture	CV 774505 - 360°
	-5-	7	75	2 Sutures	CV 774505x2 - 360°

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Specialties - Spécialités - Spezialitäten

PTFE Pledgets

Description Description Beschreibung	Unit per envelope Unité par sachet Einheit per Beutel	Product N° Produit N° Produkt N°	Additional information Information complémentaire Zusatzinformation
7x3x1.5mm oval firm pledgets tampons ovales 7x3x1.5mm ovales Pledget 7x3x1.5mm	6 5	POF7315x6 POF7315x5	
9x5x1.5mm oval firm pledgets tampons ovales 9x5x1.5mm ovales Pledget 9x5x1.5mm	6	POF9515x6	
7x3x1.5mm rectangular firm pledgets tampons rectangulaires 7x3x1.5mm Rechteckiges Pledget 7x3x1.5mm	6 5	PRF7315x6 PRF7315x5	
9x5x1.5mm rectangular firm pledgets tampons rectangulaires 9x5x1.5mm Rechteckiges Pledget 9x5x1.5mm	6	PRF9515x6	

Assut sutures

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Assut sutures of Switzerland

TECHNICAL SPECIFICATION / PRODUCT DESCRIPTION



PTFE Pledget

The Assut Pledgets are made of undyed non-absorbable polytetrafluorethylene (PTFE) polymers fibers. They are pre-punched and available in various sizes and shapes.

Name of the product	Assut Pledget
Manufacturer	Assut Medical Sàrl Av. De Rochettaz 57 CH-1009 Pully Switzerland
Factory location	CH-2606 Corgémont, Switzerland
Description of the product	PTFE Pledget – non-absorbable pre-punched
Composition	Polytetrafluorethylene (PTFE)
General characteristics	The Assut Pledgets are made of undyed non-absorbable polytetrafluorethylene (PTFE) polymers fibers. The Assut Pledgets are sold in packs or directly fixed to a sterile surgical suture. Refer to the catalogue for details.
Application	The Assut Pledgets are commonly used as a patch, a buttress for sutures, when non-absorbable sutures are used. The Assut Pledgets to be used are selected in accordance with the patient's condition, the surgeon's experience, the surgical procedure and the size of the wound.
Sterility	By ethylene oxide gas (EO)
Packaging	Primary packaging & Secondary packaging: Double envelope made in PET/PE Tyvek
Sizes	Available in various sizes and shapes including oval, round and rectangular
Shelf-life	5 years
Storing	Keep in a dry place away from direct heat.
CE Mark	CE-0344

Assut sutures

of Switzerland

TECHNICAL SPECIFICATION / PRODUCT DESCRIPTION

SURGICAL STEEL



Monofilament stainless steel with very high tensile strength and excellent knot security. This strand causes minimum tissue reaction.

Name of the product	Surgical Steel
Manufacturer	Assut Medical Sàrl, Po Box 5, Av. De Rochettaz 57, CH-1009 Pully Switzerland
Factory location	CH-2606 Corgémont, Switzerland
Description of the product	Surgical Steel is a metallic, monofilament, non-absorbable suture made of Stainless steel.
Colour	Natural (Steel)
Chemical Composition	Stainless steel type 316 LVM compliant with ISO 5832-1
General characteristics	Assut Surgical Steel is a metallic, monofilament, non-absorbable suture made of Stainless steel, with very high tensile strength and excellent knot security. This strand causes minimum tissue reaction. Steel sutures are the most inert among all suture materials and provide maximum tensile strength. Tensile strength remains permanent.
Application	Steel sutures are indicated for use in sternal closure
Absorption	Non absorbable
Sterility	By ethylene oxide gas (EO) or by gamma irradiation (R)
Packaging	envelope made in PET/PE Tyvek
Sizes	E.P. 6 to 9 USP -4- to -7-
Shelf-life	5 years
Storing	Keep in a dry place away from direct heat.
CE Mark	CE-0344
Other	Surgical Steel is available in different thicknesses and lengths with stainless-steel needles in various types and sizes See general "Assut sutures" catalogue