

ABOUT US

Ladies and Gentlemen!

We are very happy and proud to deliver our brand new catalogue of products.

For over a dozen years, we have provided you with Polish products of the highest quality. We are especially proud of the fact that we are a Polish brand.

Our history has shown that with a vision, qualified crew and great determination to reach goals and being open to new challenges, everything is possible! Developing the manufacturing technology of surgical sutures in Poland we knew, that it would not be easy because of the changing law, financial problems in healthcare, no appropriate machines and equipment as well as qualified personnel able to take a complicated task. In spite of that we decided to risk and create a process line for such a broad assortment of suture materials, the only in Poland.

We have been really successful and the fact that you are eager to choose our products makes us even more confident about it. The list of our customers is becoming longer year by year. Polish hospitals were joined by recognized medical centres in Germany, France, Hungary, Cyprus, Bulgaria and Romania and even Sri Lanka! We popularize Polish sutures in new countries and we can see that if the quality is accompanied by a moderate price, we are finding our place.

We are sure our offer would satisfy your needs and will earn your appreciation in everyday life. We have built the success of our products on cooperation with you. We are open to any suggestions, comments and needs. Together we are developing products reflecting your needs. You can always visit us and check, how surgical sutures are manufactured... After all, we are in the heart of Poland.

Feel invited!
Yavo Team

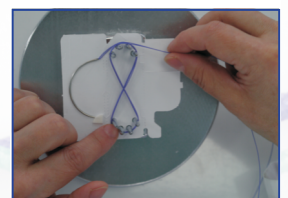
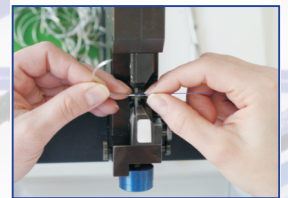
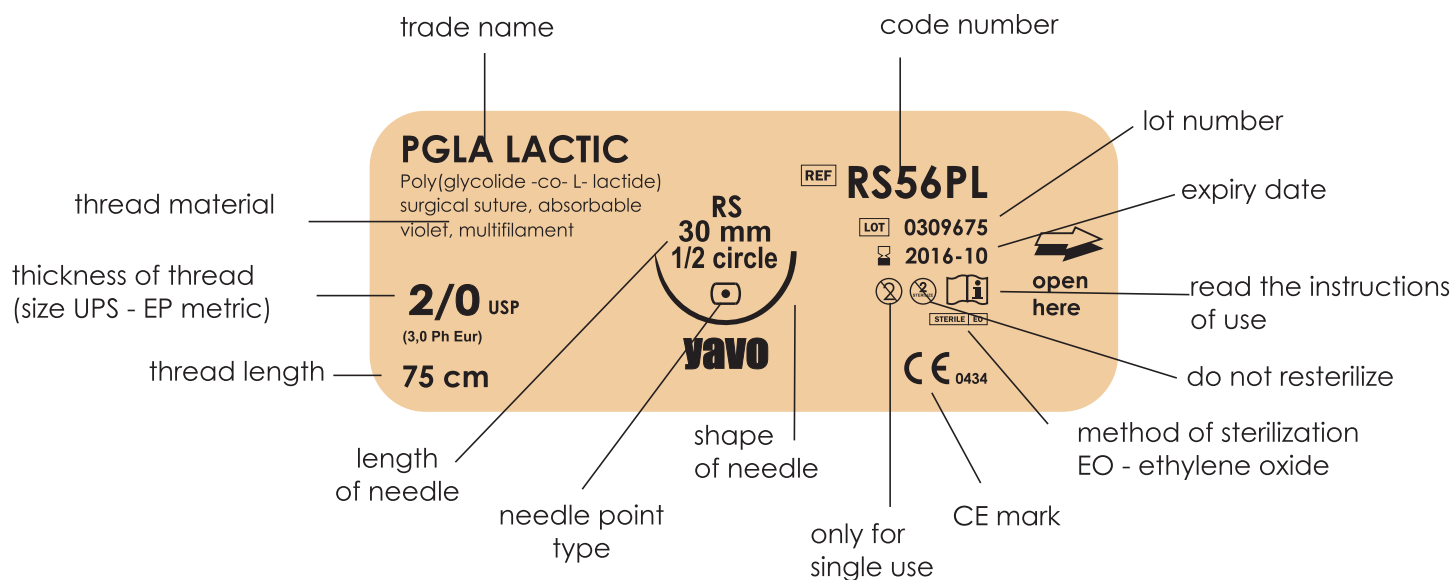


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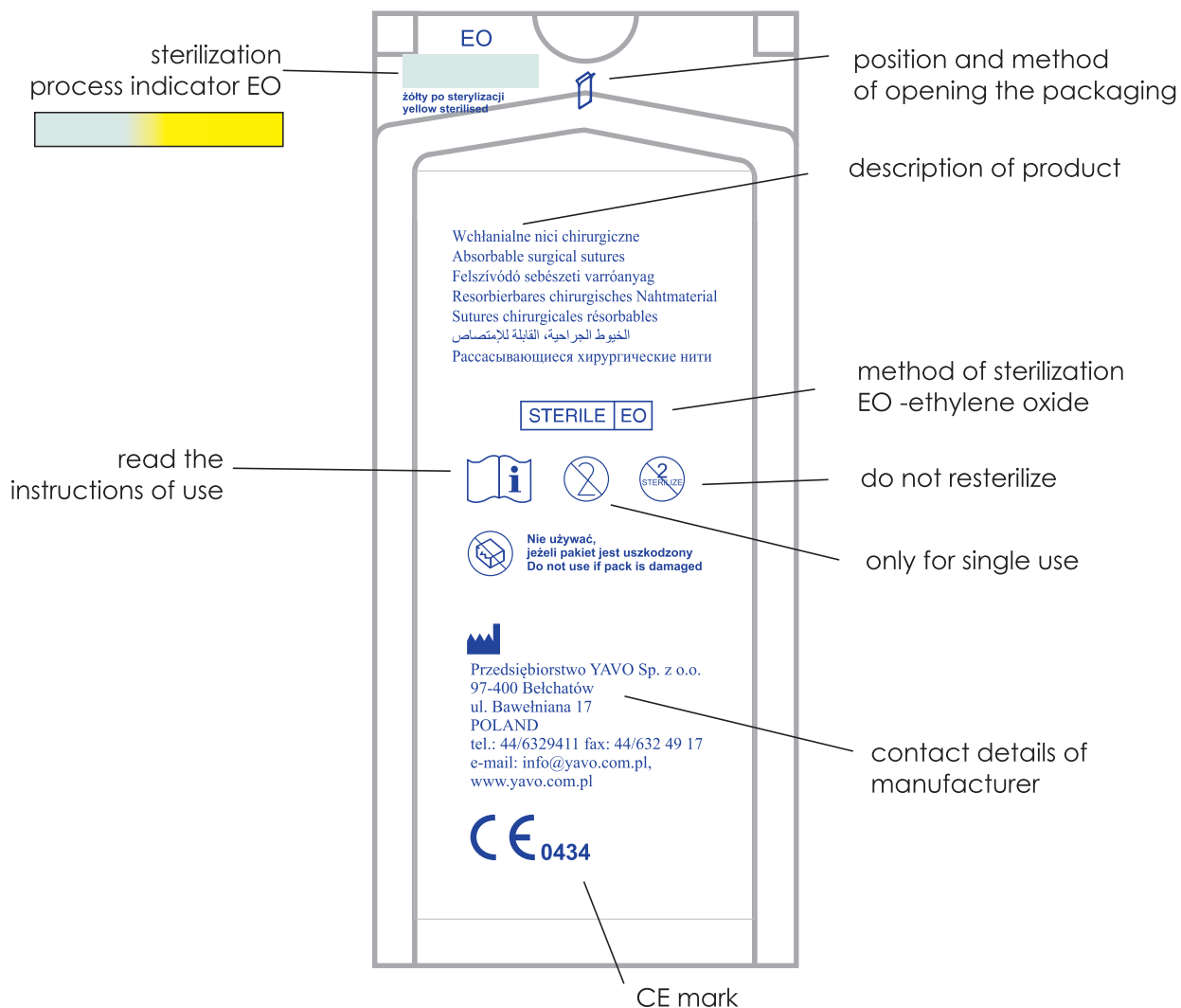
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PGA II (polyglycolild acid)	pages 35 - 56
PGA RAPID (polyglycolild acid)	pages 59 - 69
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MONOFAST (glycol acid copolymer and caprolactone)	pages 101 - 115
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I. MARKING OF SURGICAL SUTURES

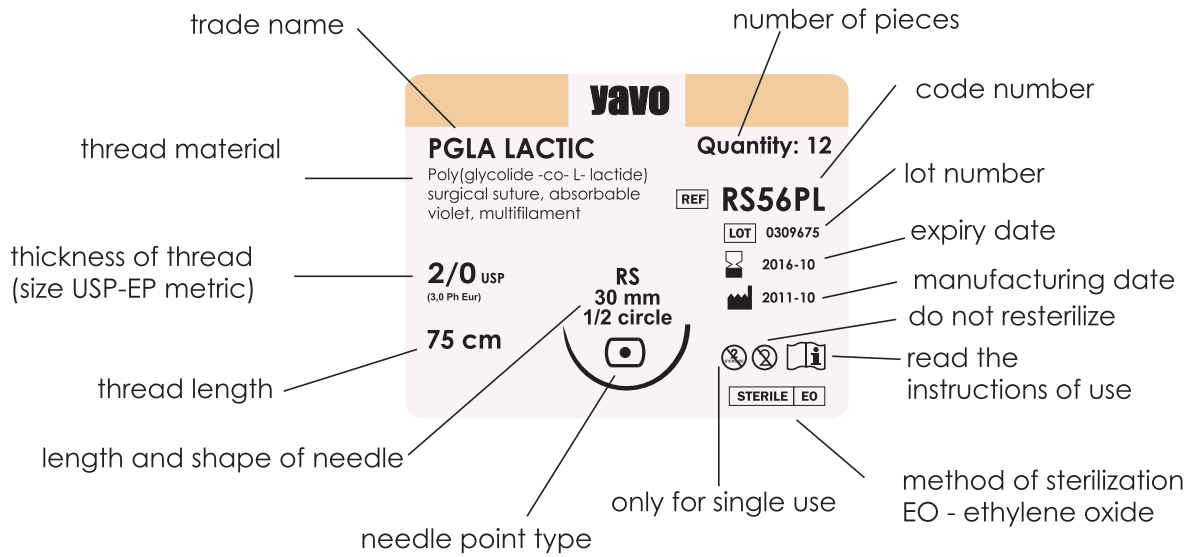
SINGLE UNIT DESCRIPTION



MARKING ON FOIL-PAPER



PACKAGING DESCRIPTION



PRODUCT IDENTIFICATION BASED ON LABEL COLOR

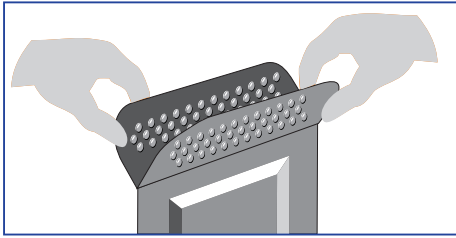
ABSORBABLE SUTURES



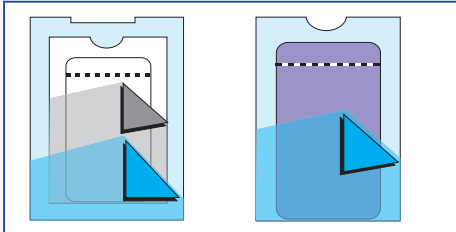
NON ABSORBABLE SUTURES



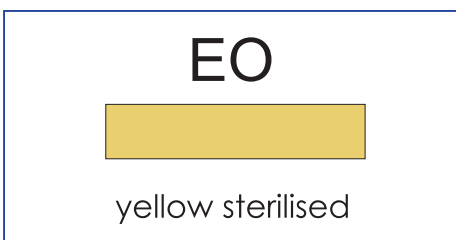
II. PACKAGING CHARACTERISTICS



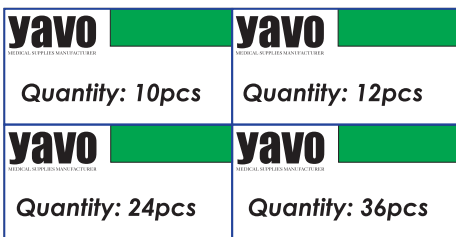
The tab and the embossing ease opening of the aluminium bag.



Double sterile unit packaging is a standard for absorbable sutures. In case of non-absorbable sutures, the code should be changed by adding „-/2“, e.g.: DKO66PA/2.



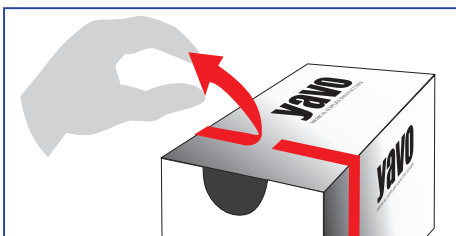
EO sterilisation process indicator is very well visible on every unit packaging.



Standard number of pieces in a packaging is 12 bags, 10, 24 and 36 bags packaging are possible code changes to: 10DKO66PA, 24 DKO66PA, 36DKO66PA.



Labels help to maintain the medical documentation and save time of the medical personnel.



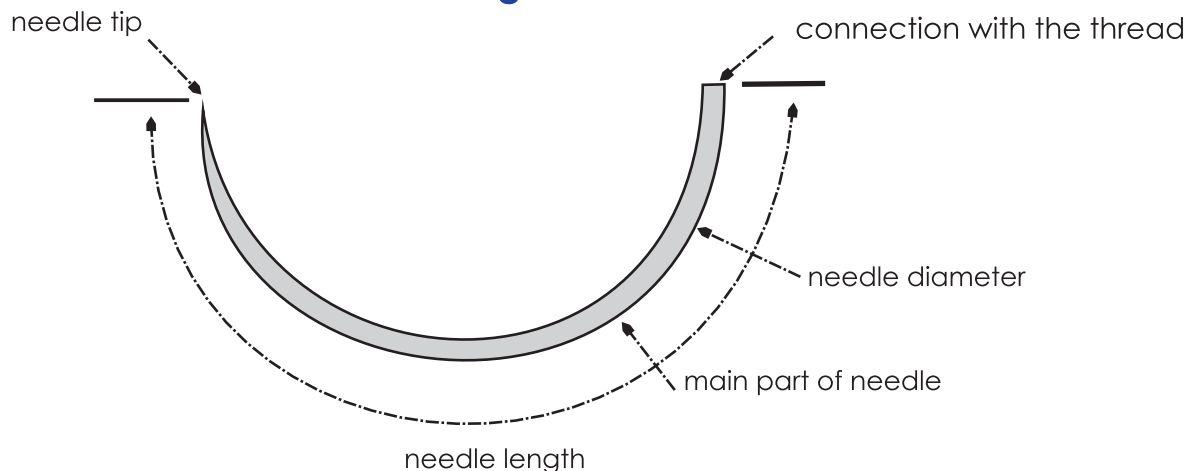
The band eases opening of the collective packaging.



Every packaging is labelled with a bar and matrix code for precise product identification.

III. INFORMATION ABOUT NEEDLES

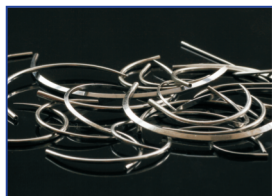
Technical drawing of a needle



1. Please always use the appropriate type of surgical thread, considering the tissues sewn, age and health condition of the patient as well as individual conditions.
2. Tools for holding the needles of the surgical thread should be adapted to the size of needles used in an operation. The holder should be in a good condition, as a used holder may result in needle rotation in the holder.
3. We recommend to hold the needle in 1/3 from the thread. Catching the needle near the edge may have a negative influence on its penetrating properties and make it break. Holding the needle near the connection with the thread may result in its deformation and/or consequential break.

SURGICAL THREADS MADE BY YAVO MEAN QUALITY GUARANTEE

1.



The highest quality steel resistant to deformation and break

4.



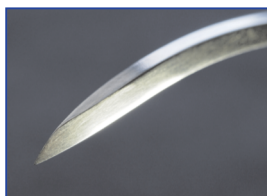
Unique sharpness

2.



Whole needle surface covered with silicone

5.



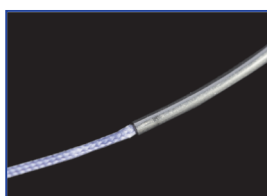
Unique geometry of penetration part (tip)

3.



Flattening in the central part for stability in the holder

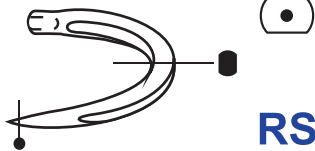
6.



Atraumatic needle on thread connection

picture 3 and 4 are made under the electronic microscope

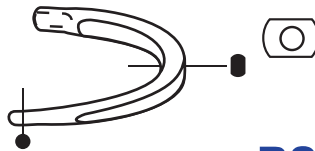
TYPES OF NEEDLE



RS

1. ROUND NEEDLE

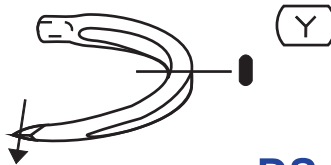
gentle separation of tissue strips. Different diameters of round needles (thin and strong needles) make them suitable both for sewing of soft and harder tissues as muscles. Flattening in the holder part guarantees better control of the needle.



RST

2. ROUND BLUNT NEEDLE

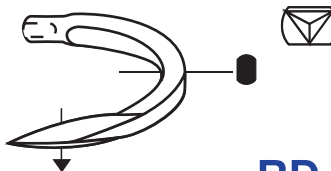
so-called safe needle for very soft or fragile tissues, special needle tip prevents tissue harm, mainly used for sewing parenchymal organs as liver or kidneys.



DS

3. ROUND NEEDLE WITH A CUTTING EDGE (SHARPENED)

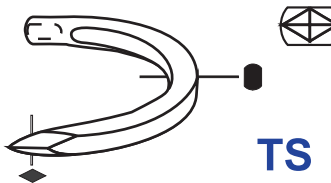
designed for surgical procedures, where only minimum traumatisation of tissues but still perfect penetration is necessary, better than in case of round needles. Guarantees easy penetration of e.g. calcified blood vessels.



RD

4. ROUND CUTTING NEEDLE (SHARPENED)

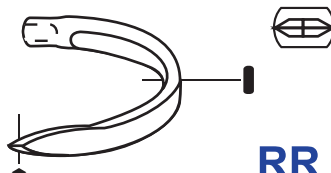
elongated, strong blade with a round flattening in the holder part; the needle goes easily through hard tissues.



TS

5. ROUND NEEDLE WITH A TROCAR EDGE

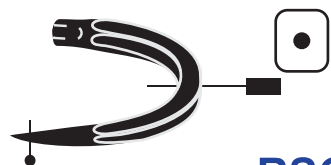
round cutting needle with four edges; goes easily through hard tissues.



RR

6. ROUND SEPARATING NEEDLE

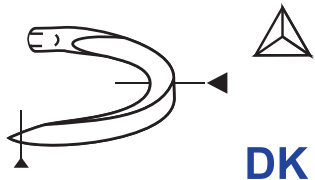
round needle with flattened blade for perfect separation and penetration of tissues at minimum traumatisation.



RSC

7. BLACK NEEDLE

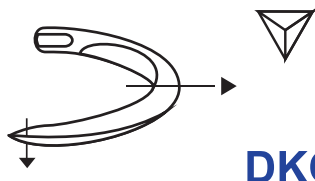
its anti-reflection properties guarantee perfect visibility in the sterile field.



8. CUTTING NEEDLE

triangle profile, with three cutting edges, where the third edge runs along the inside curvature, basically used for sewing the skin.

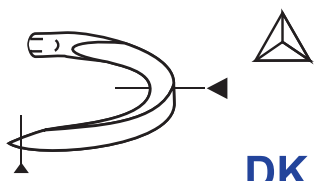
DK



9. REVERSE CUTTING NEEDLE

triangle profile, with three cutting edges, where the third edge runs along the outside curvature, basically used for sewing the skin.

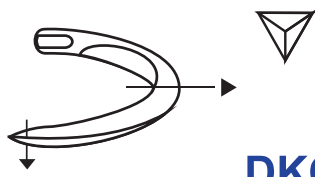
DKO



10. COSMETIC CUTTING NEEDLE

-triangle profile with three cutting edges, where the third edge runs along the inside curvature, basically used for sewing the skin. For plastic and cosmetic applications.

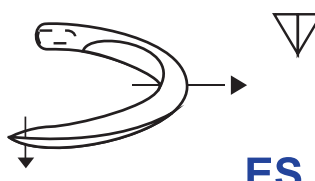
**DK
COSMETIC**



11. COSMETIC REVERSE CUTTING NEEDLE

triangle profile, with three cutting edges, where the third edge runs along the outside curvature, basically used for sewing the skin. For plastic and cosmetic applications.

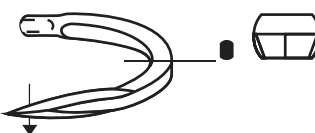
**DKO
COSMETIC**



12. COSMETIC REVERSE CUTTING NEEDLE WITH A PRECISE BLADE (MICRO POINT)

best choice for plastic surgery; precise blade designed to offer new, competitive advantages; two surfaces of sharpened, thin blade offer sharper needle and minimum tissue damage.
NEW!

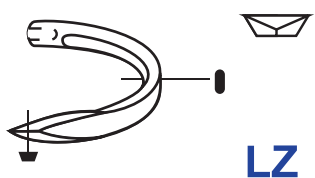
ES



13. REVERSE CUTTING P BLADE NEEDLE

with a special tip, cutting profile in 1/3 of the needle length and the remaining part with oval profile, flattened for better positioning in the needle holder, especially recommended for plastic and cosmetic applications. Its unique properties make it also suitable for other applications.
NEW!

DM



14. SPATULA (LANCET NEEDLE)

recommended for ophthalmological operations.

LZ

VI. SUGGESTIONS OF USING THE SURGICAL SUTURES.*

ABSORBABLE SURGICAL SUTURES

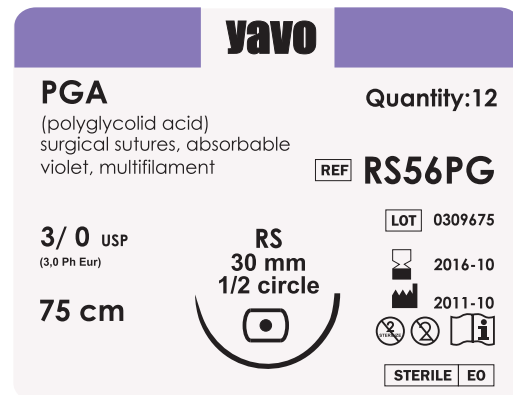
Tissue / Indications of use	PGA	PGA II	PGA RAPID	PGLA LACTIC	MONOFAST	MONOSORB
Skin			✓			
Mucosa	✓	✓		✓		
Subcutaneous tissue				✓		
Muscles	✓	✓				
Intradermal						
Fascia / peritoneum		✓				✓
General Surgery	✓	✓	✓	✓	✓	✓
Intestinal anastomosis	✓					
Orthopaedics (tendons, ligaments)	✓	✓		✓	✓	✓
Gynecology/obstetrics	✓	✓	✓	✓	✓	✓
Neurosurgery	✓	✓		✓		✓
Cardiosurgery						✓
Vascular surgery	✓	✓		✓		
Paediatric surgery		✓	✓	✓	✓	✓
Plastic surgery	✓	✓	✓	✓	✓	✓
Ophthalmology	✓			✓		
Oral surgery			✓	✓		✓
Urology	✓	✓		✓	✓	✓
Gastrology					✓	
Polypropylene mesh implantation						

NON ABSORBABLE SUTURES

Tissue / Indications of use	NYLON	POLYPROPYLENE	POLYESTER	SILK	PVDF
Skin	✓				✓
Mucosa					
Subcutaneous tissue					
Muscles			✓		
Intradermal	✓				
Fascia / peritoneum			✓		
General Surgery	✓	✓	✓	✓	
Intestinal anastomosis					
Orthopaedics (tendons, ligaments)			✓		
Gynecology/obstetrics			✓		
Neurosurgery		✓	✓	✓	
Cardiosurgery		✓	✓		✓
Vascular surgery	✓	✓	✓	✓	✓
Paediatric surgery	✓	✓	✓		
Plastic surgery	✓	✓	✓		✓
Ophthalmology	✓	✓	✓	✓	✓
Oral surgery				✓	
Urology	✓		✓		✓
Gaestrology					
Polypropylene mesh implantation		✓			

*indications of use for surgical sutures depends on type and size of injury and technique used

PGA



Thread	Polyglycolid acid
Build	Multifilament (braided)
Coating	Polycaprolactone and calcium stearate
Breaking Strength Retention/absorbtion	About 80% after 14 days from implantation About 50% after 21 days from implantation About 20% after 28 days from implantation Complete absorption after 60-90 days
Indications	Soft tissues Muscles and mucous membrane Joining of bowels and tying of other tissues including blood vessels General surgery Plastic Surgery Urology Orthopaedics Gynaecology/obstetrics Neurosurgery
Features	Uniform structure Strong tightening of knots Minimum tissue response High tensility
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be natural (beige) or violet
Size	USP: 8/0 - 2



PGA (Polyglycolic acid)

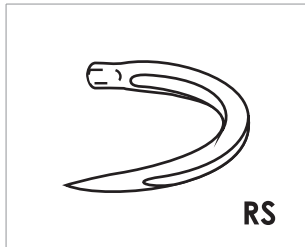
surgical sutures, absorbable from 60 to 90 days
multifilament coated



spatula (lanced needle)

				needles		thread		8/0	7/0	6/0	5/0	4/0	3/0	2/0
length	curvature					length (cm)	color							
6 mm	3/8	200 µm		30			violet		LZ22PG					
6 mm	3/8	220 µm		30	LZ08PG	LZ06PG	violet							
				45	LZ04PG	LZ16PG	violet							
6 mm micropoint	3/8			45		LZ19PG	violet							
6,19 mm	3/8	200 µm		45	LZ11PG		violet							
6,4 mm	3/8	230 µm		30		LZ12PG	violet							
				45	LZ21PG	LZ15PG	violet							
6,4 mm micropoint	3/8	230 µm		45	LZ25PG	LZ24PG	violet							
6,5 mm	3/8	250 µm		30	LZ05PG	LZ07PG	violet			LZ09PG				
				45			violet			LZ17PG				
8 mm	1/4	340 µm		45	LZ03PG		violet			LZ02PG	LZ01PG			
				45			undyed			LZ26PG				
8 mm micropoint	1/4	220 µm		45			violet			LZ23PG	LZ20PG			
8,53 mm	1/4	340 µm		45			violet				LZ10PG			
6,4 mm	1/2	230 µm		30			violet			LZ14PG				
8 mm	1/2	230 µm		30	LZ18PG		violet							
				45			violet			LZ13PG				

notes



PGA (polyglycolild acid)

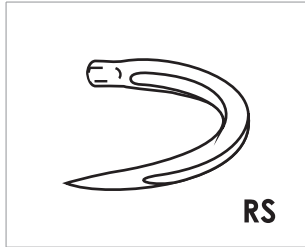
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
10 mm	3/8		45 violet		RS457PG					
12 mm	3/8		45 violet			RS337PG	RS338PG			
			75 violet			RS147PG	RS349PG			
17 mm	3/8		75 violet				RS317PG	RS150PG	RS169PG	
20 mm	3/8		75 violet						RS363PG	
22 mm	3/8		75 violet				RS430PG	RS156PG	RS163PG	RS347PG
26 mm thin	3/8		75 violet							RS236PG
26 mm	3/8		75 violet					RS295PG	RS130PG	RS127PG

notes



PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated

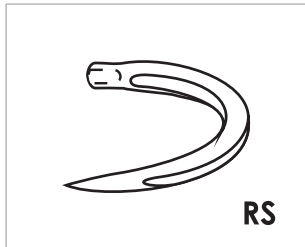


round needle

needles		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
length	curvature								
30 mm	3/8	45 violet				RS374PG			
		75 violet				RS297PG	RS168PG	RS450PG	RS417PG
65 mm	3/8	100 violet							RS411PG
13 mm	1/2	45 undyed		RS407PG					
		75 violet	RS02PG	RS03PG	RS04PG	RS05PG			
13 mm thin	1/2	45 violet			RS420PG				
16 mm	1/2	45 violet			RS200PG				
		75 violet		RS321PG	RS190PG	RS191PG	RS192PG		
17 mm	1/2	45 violet		RS275PG		RS301PG			
		75 violet	RS06PG	RS07PG	RS08PG	RS09PG	RS10PG		
18 mm thin	1/2	45 violet					RS237PG		
20 mm thin	1/2	75 violet	RS14PG	RS15PG	RS16PG	RS17PG	RS18PG		
20 mm	1/2	5x45 violet				RS325PG			
		70 violet			RS423PG		RS433PG		
		75 violet	RS19PG	RS20PG	RS21PG	RS22PG	RS23PG	RS206PG	
20 mm heavy	1/2	75 violet				RS224PG			
22 mm	1/2	45 violet			RS304PG	RS305PG			
		75 violet			RS24PG	RS25PG	RS26PG	RS27PG	
22 mm thin	1/2	75 violet				RS229PG	RS232PG		
22 mm heavy	1/2	75 violet					RS281PG	RS282PG	RS323PG
		90 violet					RS469PG		

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



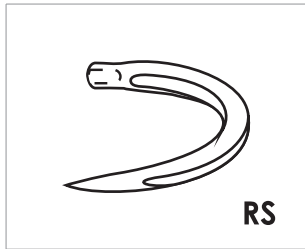
PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
26 mm	1/2	45 violet			RS135PG	RS369PG			
		75 violet	RS31PG	RS32PG	RS33PG	RS34PG	RS35PG	RS36PG	RS37PG
		75 undyed			RS418PG				
		90 violet	RS38PG	RS39PG	RS40PG	RS41PG	RS42PG	RS43PG	RS44PG
		120 violet			RS424PG				
		4x75 violet				RS302PG			
26 mm heavy	1/2	75 violet		RS45PG	RS46PG	RS47PG	RS48PG	RS49PG	RS50PG
		90 violet			RS422PG	RS225PG	RS263PG		RS284PG
26 mm thin	1/2	75 violet			RS230PG	RS235PG			RS395PG
		90 violet		RS362PG					
30 mm	1/2	75 violet		RS342PG	RS56PG	RS57PG	RS58PG	RS59PG	RS60PG
		90 violet			RS452PG	RS341PG	RS340PG	RS178PG	
30 mm thin	1/2	75 violet			RS377PG	RS233PG	RS243PG	RS380PG	
30 mm heavy	1/2	75 violet			RS212PG	RS213PG		RS176PG	
		90 violet					RS443PG	RS318PG	
35 mm	1/2	75 violet				RS409PG	RS465PG	RS365PG	
37 mm	1/2	75 violet			RS68PG	RS69PG	RS70PG	RS71PG	RS72PG
		90 violet			RS73PG	RS74PG	RS75PG	RS76PG	RS77PG
37 mm heavy	1/2	75 violet			RS303PG	RS146PG	RS78PG	RS79PG	RS80PG
		90 violet			RS143PG	RS285PG	RS179PG	RS142PG	RS141PG
40 mm	1/2	75 violet			RS222PG	RS81PG	RS82PG	RS83PG	RS84PG
		90 violet			RS126PG	RS85PG	RS86PG	RS87PG	RS88PG



PGA (polyglycolid acid)

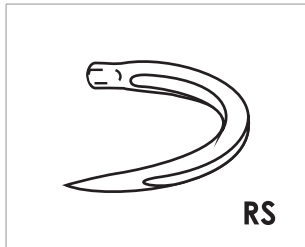
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
40 mm heavy	1/2		75 violet				RS89PG	RS90PG	RS91PG	RS92PG
			90 violet			RS472PG	RS93PG	RS94PG	RS95PG	RS96PG
40 mm	1/2		150 violet						RS97PG	
40 mm heavy	1/2		150 violet						RS149PG	
45 mm	1/2		75 violet						RS202PG	RS203PG
			90 violet						RS205PG	
48 mm	1/2		75 violet		RS453PG	RS145PG	RS99PG	RS100PG	RS101PG	RS102PG
			90 violet				RS103PG	RS104PG	RS105PG	RS106PG
48 mm heavy	1/2		75 violet				RS216PG	RS274PG	RS217PG	RS310PG
			90 violet				RS421PG		RS389PG	RS182PG
48 mm	1/2		150 violet						RS458PG	
60 mm	1/2		75 violet				RS113PG	RS114PG	RS115PG	RS116PG
			90 violet					RS292PG	RS293PG	RS276PG
60 mm	1/2		150 violet						RS117PG	
65 mm	1/2		75 violet				RS339PG		RS180PG	RS181PG
			75 undyed				RS459PG			
			90 violet						RS277PG	RS219PG
			100 violet						RS272PG	RS118PG
			150 violet						RS408PG	RS367PG

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



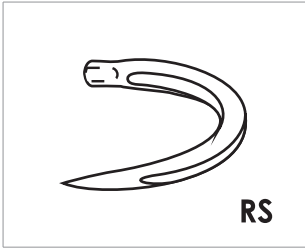
PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
65 mm	1/2	150 violet						RS279PG	
		240 violet							RS218PG
65 mm heavy	1/2	75 violet						RS390PG	
76 mm	1/2	75 violet			RS129PG	RS122PG	RS123PG	RS124PG	RS125PG
76 mm heavy	1/2	75 violet						RS429PG	RS454PG
27 mm	5/8	75 violet				RS209PG	RS139PG	RS344PG	
		90 violet				RS434PG			
37 mm	5/8	75 violet				RS164PG	RS165PG	RS394PG	
40 mm	5/8	75 violet					RS379PG		RS451PG
		90 violet					RS244PG		
30 mm	hook	75 violet				RS439PG		RS62PG	
30 mm heavy	hook	75 violet						RS242PG	
35 mm	hook	70 violet					RS413PG		
		75 violet					RS410PG	RS64PG	
40 mm heavy	hook	70 violet						RS327PG	





PGA (polyglycolild acid)

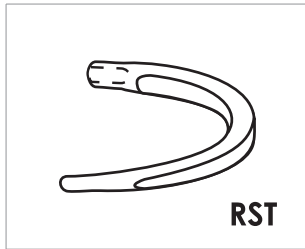
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
24 mm	straight with curved tip ski nedle		40 violet			RS480PG				
25 mm	straight with curved tip ski nedle		20 violet			RS444PG	RS445PG			

notes



PGA (polyglycolild acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round blunt needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
64 mm	3/8	75 violet						RST01PG	
		90 violet						RST02PG	
36 mm	1/2	90 violet					RST04PG		
40 mm	1/2	75 violet						RST05PG	
		90 violet						RST06PG	RST07PG
48 mm	1/2	90 violet					RST10PG	RST11PG	
65 mm	1/2	75 violet							RST15PG
		90 violet						RST16PG	
		100 violet					RST17PG	RST18PG	RST19PG
65 mm heavy	1/2	90 violet						RST21PG	RST22PG

notes



PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



cutting needle

needles			thread length (cm) color								
length	curvature			5/0	4/0	3/0	2/0	0	1	2	
16 mm	3/8		45 violet	DK48PG	DK43PG	DK49PG	DK50PG				
16 mm cosmetic	3/8		45 violet	DK01PG	DK02PG	DK03PG					
			45 undyed		DK67PG						
19 mm	3/8		45 violet	DK26PG	DK44PG	DK51PG	DK52PG				
			45 undyed		DK70PG						
			75 violet	DK04PG	DK05PG	DK06PG					
			75 undyed		DK47PG						
19 mm cosmetic	3/8		45 violet		DK55PG						
			75 violet	DK30PG	DK54PG	DK53PG					
24 mm	3/8		45 violet		DK07PG	DK08PG	DK09PG	DK10PG			
			45 undyed			DK71PG					
			75 violet		DK31PG	DK32PG	DK35PG				
26 mm	3/8		75 violet			DK40PG	DK36PG				
			75 undyed				DK62PG				
30 mm	3/8		45 violet			DK79PG					
			75 violet			DK33PG	DK14PG	DK15PG	DK16PG		
35 mm	3/8		75 violet				DK29PG				
			90 violet			DK81PG	DK80PG				
37 mm	3/8		90 violet					DK34PG			
40 mm	3/8		75 violet					DK24PG	DK25PG		

notes



PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
48 mm	3/8	75 violet					DK27PG	DK60PG	
15 mm	1/2	45 violet	DK77PG						
20 mm	1/2	75 violet			DK74PG				
22 mm	1/2	45 violet		DK78PG					
		75 violet				DK64PG			
26 mm	1/2	45 violet			DK69PG				
		75 violet			DK11PG	DK12PG	DK13PG		
		90 violet						DK41PG	
36 mm	1/2	75 violet				DK17PG	DK18PG	DK19PG	DK42PG
		90 violet				DK23PG			
37 mm	1/2	90 violet				DK28PG			DK65PG
40 mm	1/2	75 violet				DK75PG	DK20PG	DK21PG	DK22PG
48 mm	1/2	75 violet					DK76PG	DK68PG	
60 mm	straight	75 violet		DK39PG	DK66PG	DK61PG			
		100 violet			DK83PG	DK82PG			

notes



PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



reverse cutting needle

needles			thread length (cm) color							
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1
9 mm	3/8		45 violet	DKO173PG						
11 mm cosmetic	3/8		45 violet	DKO229PG						
12 mm cosmetic	3/8		45 violet		DKO91PG					
12 mm	3/8		45 violet	DKO01PG	DKO02PG	DKO03PG				
			45 undyed	DKO198PG	DKO178PG					
16 mm	3/8		45 violet		DKO04PG	DKO05PG	DKO101PG			
			45 undyed		DKO129PG		DKO166PG			
			75 violet		DKO06PG	DKO07PG	DKO118PG	DKO158PG		
19 mm	3/8		45 violet	DKO78PG	DKO11PG	DKO12PG	DKO13PG	DKO170PG		
			45 undyed			DKO135PG	DKO137PG			
			75 violet		DKO14PG	DKO15PG	DKO16PG	DKO17PG		
			75 undyed		DKO163PG		DKO177PG			
19 mm cosmetic	3/8		45 violet			DKO142PG				
			45 undyed			DKO131PG				
			75 violet			DKO136PG	DKO138PG			
24 mm	3/8		45 violet			DKO171PG	DKO119PG	DKO89PG		
			75 violet			DKO22PG	DKO23PG	DKO24PG	DKO25PG	
			75 undyed			DKO164PG	DKO139PG	DKO124PG		

notes



PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



reverse cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
24 mm cosmetic	3/8	45 violet		DKO26PG	DKO27PG	DKO28PG			
		75 violet		DKO65PG	DKO66PG	DKO107PG			
26 mm	3/8	75 violet			DKO117PG	DKO32PG	DKO33PG		
		75 undyed			DKO165PG		DKO206PG	DKO207PG	
30 mm	3/8	45 violet			DKO53PG	DKO54PG	DKO55PG		
		75 violet		DKO169PG	DKO37PG	DKO38PG	DKO39PG	DKO56PG	DKO212PG
		75 undyed			DKO100PG	DKO230PG	DKO214PG		
35 mm	3/8	75 violet			DKO126PG	DKO120PG		DKO116PG	
39 mm	3/8	75 violet				DKO43PG			
40 mm	3/8	75 violet			DKO190PG		DKO192PG	DKO143PG	DKO186PG
48 mm	3/8	75 violet						DKO60PG	DKO193PG
16 mm	1/2	45 violet	DKO10PG						
		75 violet		DKO159PG					
19 mm	1/2	45 violet	DKO157PG						
		75 violet	DKO160PG	DKO189PG					
20 mm	1/2	45 violet		DKO80PG	DKO59PG				
		75 violet	DKO187PG	DKO18PG	DKO19PG				
24 mm	1/2	45 violet		DKO50PG	DKO51PG	DKO52PG			
		75 violet		DKO20PG	DKO21PG	DKO72PG			
		90 violet				DKO125PG			
26 mm	1/2	45 violet			DKO147PG				
		75 violet		DKO29PG	DKO30PG	DKO31PG	DKO105PG		DKO208PG

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



reverse cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
26 mm heavy	1/2	75 violet				DKO145PG	DKO84PG	DKO58PG	DKO130PG
30 mm	1/2	75 violet		DKO79PG	DKO47PG	DKO34PG	DKO35PG	DKO36PG	DKO226PG
37 mm	1/2	45 violet				DKO197PG			
		75 violet				DKO63PG	DKO94PG	DKO61PG	DKO57PG
		90 violet			DKO62PG	DKO132PG	DKO40PG	DKO41PG	DKO42PG
37 mm heavy	1/2	75 violet				DKO103PG	DKO141PG	DKO146PG	
		90 violet				DKO81PG	DKO82PG	DKO83PG	DKO140PG
40 mm	1/2	75 violet				DKO133PG	DKO134PG	DKO77PG	DKO191PG
		90 violet				DKO93PG	DKO73PG	DKO71PG	DKO76PG
40 mm heavy	1/2	75 violet				DKO112PG		DKO87PG	
		90 violet				DKO184PG		DKO234PG	DKO156PG
48 mm	1/2	75 violet				DKO44PG	DKO68PG	DKO69PG	DKO45PG
		90 violet				DKO121PG	DKO102PG	DKO111PG	DKO67PG
48 mm heavy	1/2	90 violet					DKO218PG	DKO235PG	DKO110PG
76 mm	1/2	75 violet					DKO113PG	DKO114PG	
51 mm	straight	75 violet			DKO219PG	DKO92PG			
60 mm	straight	45 undyed			DKO240PG				
		75 violet			DKO46PG	DKO49PG			

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA (polyglycolild acid)

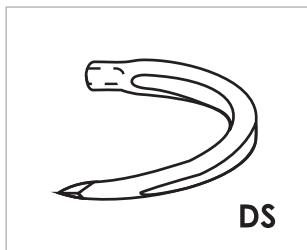
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



**cosmetic reverse cutting needle
with a precise blade (micro point)**

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
13 mm	3/8		45 undyed		ES13PG					
16 mm	3/8		45 violet			ES02PG				
19 mm	3/8		45 undyed				ES01PG			
			75 violet		ES08PG	ES15PG	ES03PG			
24 mm	3/8		45 violet				ES04PG			
			75 violet				ES05PG			
26 mm	3/8		45 violet					ES06PG		
			75 violet					ES07PG		
30 mm	3/8		75 violet				ES10PG	ES09PG		

notes



PGA (polyglycolid acid)

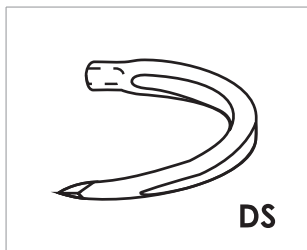
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



**round needle with a cutting
edge (sharpened)**

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
13 mm	3/8	45 violet	DS51PG						
16 mm	3/8	45 violet		DS52PG					
		75 violet		DS92PG					
17 mm	3/8	75 violet			DS31PG				
17 mm	1/2	75 violet		DS106PG	DS101PG				
20 mm	1/2	75 violet		DS61PG	DS62PG				
22 mm	1/2	75 violet		DS03PG	DS90PG				
26 mm	1/2	75 violet			DS26PG	DS04PG	DS05PG	DS06PG	
30 mm	1/2	75 violet			DS55PG	DS57PG	DS07PG	DS35PG	DS105PG
		90 violet							DS42PG
30 mm heavy	1/2	75 violet						DS38PG	
35 mm	1/2	75 violet			DS96PG		DS68PG	DS77PG	DS78PG
		90 violet				DS100PG		DS22PG	
37 mm	1/2	75 violet				DS39PG	DS40PG	DS20PG	DS17PG
		90 violet			DS21PG	DS19PG	DS08PG	DS09PG	DS18PG
		120 violet				DS110PG	DS111PG		
37 mm heavy	1/2	90 violet						DS44PG	
40 mm	1/2	75 violet					DS81PG	DS34PG	DS53PG
		90 violet					DS10PG	DS11PG	DS28PG
40 mm heavy	1/2	75 violet					DS94PG	DS71PG	DS69PG
40 mm	1/2	150 violet loop						DS12PG	DS13PG

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA (polyglycolild acid)

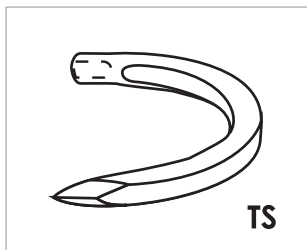
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



**round needle with a cutting
edge (sharpened)**

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
45 mm	1/2		75 violet						DS73PG	DS67PG
			90 violet							DS14PG
45 mm heavy	1/2		75 violet						DS95PG	DS66PG
48 mm	1/2		75 violet					DS104PG		
			90 violet					DS80PG	DS29PG	DS27PG
48 mm	1/2		150 violet						DS56PG	DS114PG
30 mm	hook		70 violet						DS103PG	
30 mm heavy	hook		70 violet						DS76PG	
			75 violet						DS91PG	
24 mm	straight with modeled point		120 violet				DS115PG			

notes



PGA (polyglycolid acid)

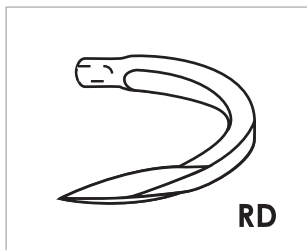
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle with a trocar edge

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2		75 violet		TS29PG	TS01PG	TS02PG			
			90 violet			TS03PG	TS04PG			
25 mm	1/2		75 violet			TS05PG	TS06PG	TS07PG	TS08PG	
			90 violet				TS09PG	TS10PG	TS11PG	
25 mm heavy	1/2		75 violet						TS28PG	
30 mm	1/2		75 violet					TS12PG	TS13PG	
			90 violet					TS14PG	TS15PG	TS32PG
36 mm	1/2		75 violet				TS30PG	TS16PG	TS17PG	TS18PG
			90 violet					TS19PG	TS20PG	TS21PG
			90 undyed							TS33PG
36 mm heavy	1/2		90 violet							TS31PG
40 mm	1/2		75 violet					TS22PG	TS23PG	TS24PG
			90 violet					TS25PG	TS26PG	TS27PG

notes



PGA (polyglycolid acid)

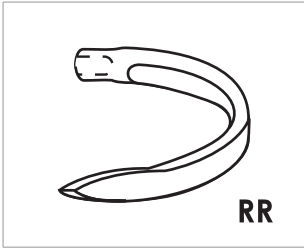
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round cutting needle (sharpened)

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
17 mm	3/8		75 violet			RD05PG				
26 mm	1/2		70 violet			RD01PG				
			75 violet				RD03PG			
30 mm	1/2		75 violet					RD06PG		
36 mm	1/2		75 violet					RD10PG		
37 mm heavy	1/2		75 violet						RD04PG	
40 mm	1/2		75 violet							RD02PG
40 mm heavy	1/2		90 violet					RD07PG	RD08PG	
48 mm heavy	1/2		90 violet						RD09PG	

notes





PGA (polyglycolild acid)

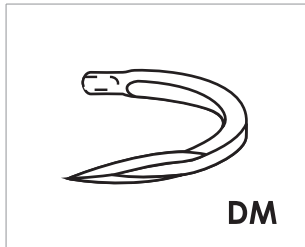
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round separating needle

length	needles curvature	thread length (cm) color								
			5/0	4/0	3/0	2/0	0	1	2	
17 mm	1/2	 75 violet		RR02PG						
25 mm	1/2	 75 violet				RR01PG				

notes



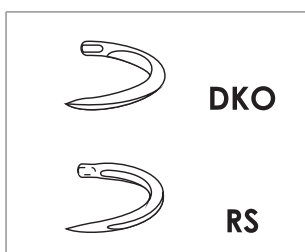
PGA (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



reverse cutting P needle blade

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
13 mm	3/8		75 violet		DM09PG					
16 mm	3/8		75 violet	DM10PG	DM04PG	DM03PG				
			75 undyed	DM14PG	DM13PG	DM12PG				
19 mm	3/8		75 violet	DM11PG	DM06PG	DM05PG				
			75 undyed	DM17PG	DM16PG	DM15PG				
22 mm	3/8		75 violet		DM02PG	DM07PG				
24 mm	3/8		75 violet			DM01PG				



reverse cutting needle and round needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	1/2		75 violet					RSDKO02PG		
30 mm	1/2									
37 mm	1/2		150 violet				RSDKO01PG			
37 mm	1/2									

PGA (polyglycolild acid)

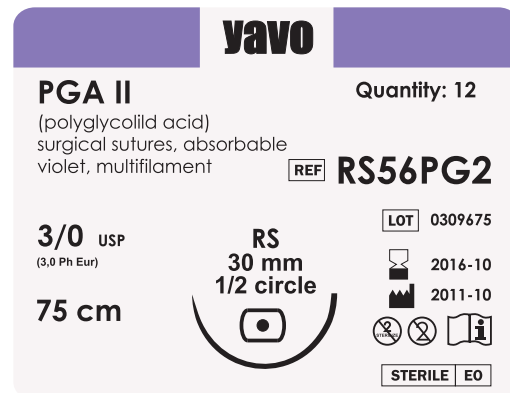
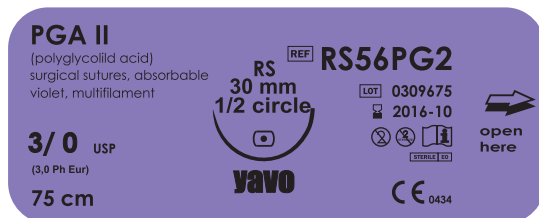
surgical sutures, absorbable from 60 to 90 days
multifilament, coated

LIGATURES

threads length	color thread	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2
2 x 70 cm	violet				P84PG	P85PG	P70PG	P93PG	P98PG	P107PG
2 x 75 cm	violet				P75PG	P16PG	P17PG	P18PG	P19PG	P20PG
3 x 45 cm	violet				P07PG	P08PG	P09PG	P10PG	P11PG	P12PG
3 x 70 cm	violet							P129PG		
3 x 75 cm	violet				P21PG	P22PG	P23PG	P24PG	P25PG	P26PG
4 x 75 cm	violet						P72PG			
5 x 70 cm	violet						P101PG	P102PG	P92PG	
5 x 75 cm	violet				P27PG	P28PG	P29PG	P30PG	P31PG	P32PG
6 x 45 cm	violet				P56PG	P57PG	P52PG	P53PG	P59PG	P74PG
6 x 75 cm	violet					P123PG	P104PG	P122PG	P105PG	P106PG
7 x 75 cm	violet				P135PG	P33PG	P34PG	P35PG		
10 x 45 cm	violet					P71PG	P73PG	P103PG	P86PG	
12 x 45 cm	violet				P58PG	P13PG	P14PG	P15PG	P55PG	P62PG
45 cm	violet				P01PG	P02PG	P03PG	P04PG	P05PG	P06PG
60 cm	violet							P95PG		
70 cm	violet							P128PG	P126PG	
75 cm	violet				P54PG	P60PG	P61PG	P65PG	P64PG	P69PG
90 cm	violet					P137PG	P118PG	P115PG	P116PG	P117PG
100 cm	violet						P87PG	P88PG	P89PG	P90PG
120 cm	violet				P78PG	P79PG	P80PG	P81PG	P82PG	P83PG
140 cm	violet			P94PG	P51PG	P36PG	P37PG	P38PG	P39PG	P40PG
150 cm	violet			P68PG	P41PG	P42PG	P43PG	P44PG	P45PG	P46PG
150 cm	undyed					P125PG		P124PG		
250 cm	violet				P138PG	P100PG	P47PG	P48PG	P49PG	P50PG
250 cm in reel	violet				Pr138PG	Pr100PG	Pr47PG			Pr50PG

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.

PGA II



Thread	Polyglycolid acid
Build	Multifilament (braided)
Coating	Poly(glycolic-co-L-lactyde) (30/70) and calcium stearate
Breaking Strength Retention/absorbtion	About 80% after 14 days from implantation About 50% after 21 days from implantation About 20% after 28 days from implantation Complete absorption after 60-90 days
Indications	Soft tissues Muscles and mucous membrane Joining of bowels and tying of other tissues including blood vessels General surgery Plastic Surgery Urology Orthopaedics Gynaecology/obstetrics Neurosurgery
Features	Uniform structure Strong tightening of knots Minimum tissue response High tensility
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be natural (beige) or violet
Size	USP: 8/0 - 2



PGA II (polyglycolid acid)

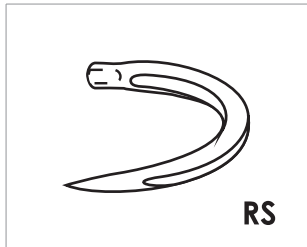
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



Ispatula (lanced needle)

needles				thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
length	curvature										
6 mm	3/8	200 µm		30 violet		LZ22PG2					
6 mm	3/8	220 µm		30 violet	LZ08PG2	LZ06PG2					
				45 violet	LZ04PG2	LZ16PG2					
6 mm micropoint	3/8			45 violet		LZ19PG2					
6,19 mm	3/8	200 µm		45 violet	LZ11PG2						
6,4 mm	3/8	230 µm		30 violet		LZ12PG2					
				45 violet	LZ21PG2	LZ15PG2					
6,4 mm micropoint	3/8	230 µm		45 violet	LZ25PG2	LZ24PG2					
6,5 mm	3/8	250 µm		30 violet	LZ05PG2	LZ07PG2	LZ09PG2				
				45 violet			LZ17PG2				
8 mm	1/4	340 µm		45 violet	LZ03PG2		LZ02PG2	LZ01PG2			
				45 undyed			LZ26PG2				
8 mm micropoint	1/4	220 µm		45 violet			LZ23PG2	LZ20PG2			
6,4 mm	1/2	230 µm		30 violet			LZ14PG2				
8 mm	1/2	230 µm		30 violet	LZ18PG2						
				45 violet			LZ13PG2				

notes



PGA II (polyglycolid acid)

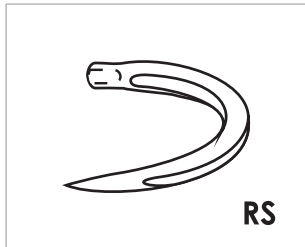
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature		thread length (cm) color	7/0	6/0	5/0	4/0	3/0	2/0	0
10 mm	3/8		45 violet	RS457PG2						
12 mm	3/8		45 violet		RS337PG2	RS338PG2				
			75 violet		RS147PG2	RS349PG2				
17 mm	3/8		75 violet			RS317PG2	RS150PG2	RS169PG2		
20 mm	3/8		75 violet					RS363PG2		
22 mm	3/8		75 violet			RS430PG2	RS156PG2	RS163PG2	RS347PG2	
26 mm thin	3/8		75 violet						RS236PG2	
26 mm	3/8		75 violet				RS295PG2	RS130PG2	RS127PG2	

notes



PGA II (polyglycolid acid)

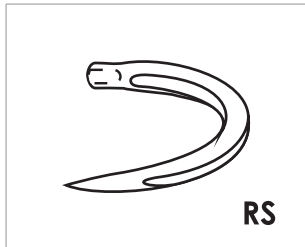
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

needles		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
length	curvature								
30 mm	3/8	45 violet				RS374PG2			
		75 violet				RS297PG2	RS168PG2	RS450PG2	RS417PG2
65 mm	3/8	100 violet							RS411PG2
13 mm	1/2	45 undyed		RS407PG2					
		75 violet	RS02PG2	RS03PG2	RS04PG2	RS05PG2			
13 mm thin	1/2	45 violet			RS420PG2				
16 mm	1/2	45 violet			RS200PG2				
		75 violet		RS321PG2	RS190PG2	RS191PG2	RS192PG2		
17 mm	1/2	45 violet		RS275PG2		RS301PG2			
		75 violet	RS06PG2	RS07PG2	RS08PG2	RS09PG2	RS10PG2		
20 mm thin	1/2	75 violet	RS14PG2	RS15PG2	RS16PG2	RS17PG2	RS18PG2		
20 mm	1/2	5x45 violet				RS325PG2			
		75 violet	RS19PG2	RS20PG2	RS21PG2	RS22PG2	RS23PG2	RS206PG2	
20 mm heavy	1/2	75 violet				RS224PG2			
22 mm	1/2	45 violet			RS304PG2	RS305PG2			
		75 violet			RS24PG2	RS25PG2	RS26PG2	RS27PG2	
22 mm thin	1/2	75 violet				RS229PG2	RS232PG2		
22 mm heavy	1/2	75 violet					RS281PG2	RS282PG2	RS323PG2
		90 violet					RS469PG2		

notes



PGA II (polyglycolid acid)

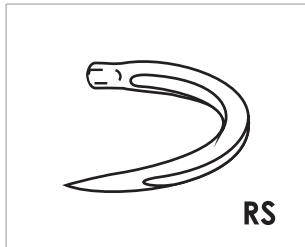
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
26 mm	1/2		45 violet			RS135PG2	RS369PG2			
			75 violet	RS31PG2	RS32PG2	RS33PG2	RS34PG2	RS35PG2	RS36PG2	RS37PG2
			75 undyed			RS418PG2				
			90 violet	RS38PG2	RS39PG2	RS40PG2	RS41PG2	RS42PG2	RS43PG2	RS44PG2
			120 violet			RS424PG2				
			4x75				RS302PG2			
26 mm heavy	1/2		75 violet		RS45PG2	RS46PG2	RS47PG2	RS48PG2	RS49PG2	RS50PG2
			90 violet			RS422PG2	RS225PG2	RS263PG2		RS284PG2
26 mm thin	1/2		75 violet			RS230PG2	RS235PG2			RS395PG2
			90 violet		RS362PG2					
30 mm	1/2		75 violet		RS342PG2	RS56PG2	RS57PG2	RS58PG2	RS59PG2	RS60PG2
			90 violet			RS452PG2	RS341PG2	RS340PG2	RS178PG2	
30 mm thin	1/2		75 violet			RS377PG2	RS233PG2	RS243PG2	RS380PG2	
30 mm heavy	1/2		75 violet			RS212PG2	RS213PG2		RS176PG2	
			90 violet					RS443PG2	RS318PG2	
35 mm	1/2		75 violet				RS409PG2	RS465PG2	RS365PG2	

notes















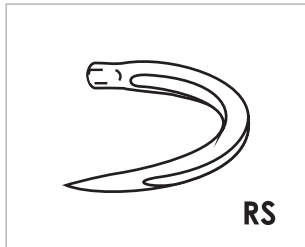
PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2	
37 mm	1/2		75 violet			RS68PG2	RS69PG2	RS70PG2	RS71PG2	RS72PG2
		90 violet			RS73PG2	RS74PG2	RS75PG2	RS76PG2	RS77PG2	
37 mm heavy	1/2		75 violet			RS303PG2	RS146PG2	RS78PG2	RS79PG2	RS80PG2
		90 violet			RS143PG2	RS285PG2	RS179PG2	RS142PG2	RS141PG2	
40 mm	1/2		75 violet			RS222PG2	RS81PG2	RS82PG2	RS83PG2	RS84PG2
		90 violet			RS126PG2	RS85PG2	RS86PG2	RS87PG2	RS88PG2	
40 mm heavy	1/2		75 violet				RS89PG2	RS90PG2	RS91PG2	RS92PG2
		90 violet			RS472PG2	RS93PG2	RS94PG2	RS95PG2	RS96PG2	
40 mm	1/2		150 violet					RS97PG2		
40 mm heavy	1/2		150 violet					RS149PG2		
45 mm	1/2		75 violet					RS202PG2	RS203PG2	
		90 violet					RS205PG2			
48 mm	1/2		75 violet		RS453PG2	RS145PG2	RS99PG2	RS100PG2	RS101PG2	RS102PG2
		90 violet				RS103PG2	RS104PG2	RS105PG2	RS106PG2	
48 mm heavy	1/2		75 violet				RS216PG2	RS274PG2	RS217PG2	RS310PG2
		90 violet				RS421PG2		RS389PG2	RS182PG2	
48 mm	1/2		150 violet					RS458PG2		
60 mm	1/2		75 violet				RS113PG2	RS114PG2	RS115PG2	RS116PG2
		90 violet					RS292PG2	RS293PG2	RS276PG2	
60 mm	1/2		150 violet					RS117PG2		



PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated

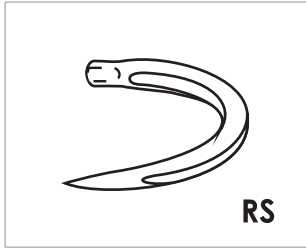


round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
65 mm	1/2	75 violet				RS339PG2		RS180PG2	RS181PG2
		75 undyed				RS459PG2			
		90 violet						RS277PG2	RS219PG2
		100 violet						RS272PG2	RS118PG2
		150 violet						RS408PG2	RS367PG2
65 mm	1/2	150 violet						RS279PG2	
		240 violet							RS218PG2
65 mm heavy	1/2	75 violet						RS390PG2	
76 mm	1/2	75 violet			RS129PG2	RS122PG2	RS123PG2	RS124PG2	RS125PG2
76 mm heavy	1/2	75 violet						RS429PG2	RS454PG2
27 mm	5/8	75 violet				RS209PG2	RS139PG2	RS344PG2	
		90 violet				RS434PG2			
37 mm	5/8	75 violet				RS164PG2	RS165PG2	RS394PG2	
40 mm	5/8	75 violet					RS379PG2		RS451PG2
		90 violet					RS244PG2		
30 mm	hook	75 violet				RS439PG2		RS62PG2	

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm heavy	hook		75 violet						RS242PG2	
35 mm	hook		70 violet					RS413PG2		
			75 violet					RS410PG2	RS64PG2	
40 mm heavy	hook		70 violet						RS327PG2	
25 mm	straight with modeled point		20 violet			RS444PG2	RS445PG2			

notes



PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round blunt needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
64 mm	3/8	75 violet						RST01PG2	
		90 violet						RST02PG2	
36 mm	1/2	90 violet					RST04PG2		
40 mm	1/2	75 violet						RST05PG2	
		90 violet						RST06PG2	RST07PG2
48 mm	1/2	90 violet					RST10PG2	RST11PG2	
65 mm	1/2	75 violet							RST15PG2
		90 violet						RST16PG2	
		100 violet					RST17PG2	RST18PG2	RST19PG2
65 mm heavy	1/2	90 violet						RST21PG2	RST22PG2

notes



PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



cutting needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
16 mm	3/8		45 violet	DK48PG2	DK43PG2	DK49PG2	DK50PG2			
16 mm cosmetic	3/8		45 violet	DK01PG2	DK02PG2	DK03PG2				
			45 undyed		DK67PG2					
19 mm	3/8		45 violet	DK26PG2	DK44PG2	DK51PG2	DK52PG2			
			45 undyed		DK70PG2					
			75 violet	DK04PG2	DK05PG2	DK06PG2				
			75 undyed		DK47PG2					
19 mm cosmetic	3/8		45 violet		DK55PG2					
			75 violet	DK30PG2	DK54PG2	DK53PG2				
24 mm	3/8		45 violet		DK07PG2	DK08PG2	DK09PG2	DK10PG2		
			45 undyed			DK71PG2				
			75 violet		DK31PG2	DK32PG2	DK35PG2			
26 mm	3/8		75 violet			DK40PG2	DK36PG2			
			75 undyed				DK62PG2			
30 mm	3/8		75 violet			DK33PG2	DK14PG2	DK15PG2	DK16PG2	
35 mm	3/8		75 violet				DK29PG2			
37 mm	3/8		90 violet					DK34PG2		
40 mm	3/8		75 violet					DK24PG2	DK25PG2	
48 mm	3/8		75 violet					DK27PG2	DK60PG2	

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



cutting needle

length	needles curvature		thread length (cm) color							
				5/0	4/0	3/0	2/0	0	1	2
15 mm	1/2		45 violet	DK77PG2						
20 mm	1/2		75 violet			DK74PG2				
22 mm	1/2		45 violet		DK78PG2					
			75 violet				DK64PG2			
26 mm	1/2		45 violet			DK69PG2				
			75 violet			DK11PG2	DK12PG2	DK13PG2		
			90 violet						DK41PG2	
36 mm	1/2		75 violet				DK17PG2	DK18PG2	DK19PG2	DK42PG2
			90 violet				DK23PG2			
37 mm	1/2		90 violet				DK28PG2			DK65PG2
40 mm	1/2		75 violet				DK75PG2	DK20PG2	DK21PG2	DK22PG2
48 mm	1/2		75 violet					DK76PG2	DK68PG2	
60 mm	straight		75 violet		DK39PG2	DK66PG2	DK61PG2			

notes



PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



reverse cutting needle

needles			thread length (cm) color							
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1
9 mm	3/8		45 violet	DKO173PG2						
11 mm cosmetic	3/8		45 violet	DKO229PG2						
12 mm cosmetic	3/8		45 violet		DKO91PG2					
12 mm	3/8		45 violet	DKO01PG2	DKO02PG2	DKO03PG2				
			45 undyed	DKO198PG2	DKO178PG2					
16 mm	3/8		45 violet		DKO04PG2	DKO05PG2	DKO101PG2			
			45 undyed		DKO129PG2		DKO166PG2			
			75 violet		DKO06PG2	DKO07PG2	DKO118PG2	DKO158PG2		
19 mm	3/8		45 violet	DKO78PG2	DKO11PG2	DKO12PG2	DKO13PG2	DKO170PG2		
			45 undyed			DKO135PG2	DKO137PG2			
			75 violet		DKO14PG2	DKO15PG2	DKO16PG2	DKO17PG2		
			75 undyed		DKO163PG2		DKO177PG2			
19 mm cosmetic	3/8		45 violet			DKO142PG2				
			45 undyed			DKO131PG2				
			75 violet			DKO136PG2	DKO138PG2			
24 mm	3/8		45 violet			DKO171PG2	DKO119PG2	DKO89PG2		
			75 violet			DKO22PG2	DKO23PG2	DKO24PG2	DKO25PG2	
			75 undyed			DKO164PG2	DKO139PG2	DKO124PG2		
24 mm cosmetic	3/8		45 violet			DKO26PG2	DKO27PG2	DKO28PG2		
			75 violet			DKO65PG2	DKO66PG2	DKO107PG2		
26 mm	3/8		75 violet				DKO117PG2	DKO32PG2	DKO33PG2	
			75 undyed				DKO165PG2		DKO206PG2	DKO207PG2

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



reverse cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	3/8	45 violet			DKO53PG2	DKO54PG2	DKO55PG2		
		75 violet		DKO169PG2	DKO37PG2	DKO38PG2	DKO39PG2	DKO56PG2	DKO212PG2
		75 beige			DKO100PG2	DKO230PG2	DKO214PG2		
35 mm	3/8	75 violet			DKO126PG2	DKO120PG2		DKO116PG2	
39 mm	3/8	75 violet				DKO43PG2			
40 mm	3/8	75 violet			DKO190PG2		DKO192PG2	DKO143PG2	DKO186PG2
48 mm	3/8	75 violet						DKO60PG2	DKO193PG2
16 mm	1/2	45 violet	DKO10PG2						
		75 violet		DKO159PG2					
19 mm	1/2	45 violet	DKO157PG2						
		75 violet	DKO160PG2	DKO189PG2					
20 mm	1/2	45 violet		DKO80PG2	DKO59PG2				
		75 violet	DKO187PG2	DKO18PG2	DKO19PG2				
24 mm	1/2	45 violet		DKO50PG2	DKO51PG2	DKO52PG2			
		75 violet		DKO20PG2	DKO21PG2	DKO72PG2			
		90 violet				DKO125PG2			
26 mm	1/2	45 violet			DKO147PG2				
		75 violet		DKO29PG2	DKO30PG2	DKO31PG2	DKO105PG2		DKO208PG2
26 mm heavy	1/2	75 violet				DKO145PG2	DKO84PG2	DKO58PG2	DKO130PG2

notes

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PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated



reverse cutting needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	1/2		75 violet		DKO79PG2	DKO47PG2	DKO34PG2	DKO35PG2	DKO36PG2	DKO226PG2
37 mm	1/2		45 violet				DKO197PG2			
			75 violet				DKO63PG2	DKO94PG2	DKO61PG2	DKO57PG2
			90 violet			DKO62PG2	DKO132PG2	DKO40PG2	DKO41PG2	DKO42PG2
37 mm heavy	1/2		75 violet				DKO103PG2	DKO141PG2	DKO146PG2	
			90 violet				DKO81PG2	DKO82PG2	DKO83PG2	DKO140PG2
40 mm	1/2		75 violet				DKO133PG2	DKO134PG2	DKO77PG2	DKO191PG2
			90 violet				DKO93PG2	DKO73PG2	DKO71PG2	DKO76PG2
40 mm heavy	1/2		75 violet				DKO112PG2		DKO87PG2	
			90 violet				DKO184PG2			DKO156PG2
48 mm	1/2		75 violet				DKO44PG2	DKO68PG2	DKO69PG2	DKO45PG2
			90 violet				DKO121PG2	DKO102PG2	DKO111PG2	DKO67PG2
48 mm heavy	1/2		90 violet					DKO218PG2		DKO110PG2
76 mm	1/2		75 violet					DKO113PG2	DKO114PG2	
51 mm	straight		75 violet			DKO219PG2	DKO92PG2			
60 mm	straight		75 violet			DKO46PG2	DKO49PG2			

notes



PGA II (polyglycolid acid)

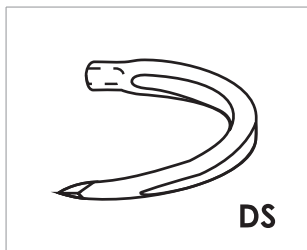
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



**cosmetic reverse cutting needle
with a precise blade (micro point)**

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
16 mm	3/8		45 violet		ES02PG2					
19 mm	3/8		45 undyed			ES01PG2				
			75 violet			ES03PG2				
24 mm	3/8		45 violet			ES04PG2				
			75 violet			ES05PG2				
26 mm	3/8		45 violet				ES06PG2			
			75 violet				ES07PG2			

notes



PGA II (polyglycolid acid)

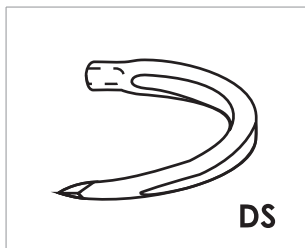
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



**round needle with a cutting
edge (sharpened)**

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
13 mm	3/8		45 violet	DS50PG2	DS51PG2					
16 mm	3/8		45 violet			DS52PG2				
			75 violet			DS92PG2				
17 mm	3/8		75 violet				DS31PG2			
17 mm	1/2		75 violet			DS106PG2	DS101PG2			
20 mm	1/2		75 violet			DS61PG2	DS62PG2			
22 mm	1/2		75 violet			DS03PG2	DS90PG2			
26 mm	1/2		75 violet				DS26PG2	DS04PG2	DS05PG2	DS06PG2

notes



PGA II (polyglycolid acid)

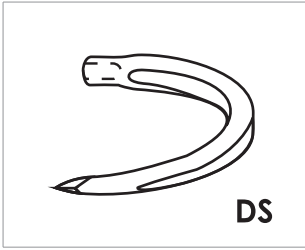
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



**round needle with a cutting
edge (sharpened)**

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	1/2		75 violet			DS55PG2	DS57PG2	DS07PG2	DS35PG2	DS105PG2
			90 violet							DS42PG2
30 mm heavy	1/2		75 violet						DS38PG2	
35 mm	1/2		75 violet			DS96PG2		DS68PG2	DS77PG2	DS78PG2
			90 violet				DS100PG2		DS22PG2	
37 mm	1/2		75 violet				DS39PG2	DS40PG2	DS20PG2	DS17PG2
			90 violet			DS21PG2	DS19PG2	DS08PG2	DS09PG2	DS18PG2
			120 violet				DS110PG2	DS111PG2		
37 mm heavy	1/2		90 violet						DS44PG2	
40 mm	1/2		75 violet					DS81PG2	DS34PG2	DS53PG2
			90 violet					DS10PG2	DS11PG2	DS28PG2
40 mm heavy	1/2		75 violet					DS94PG2	DS71PG2	DS69PG2
40 mm	1/2		150 violet						DS12PG2	DS13PG2
45 mm	1/2		75 violet						DS73PG2	DS67PG2
			90 violet							DS14PG2
45 mm heavy	1/2		75 violet						DS95PG2	DS66PG2
48 mm	1/2		75 violet					DS104PG2		
			90 violet					DS80PG2	DS29PG2	DS27PG2
48 mm	1/2		150 violet						DS56PG2	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.





PGA II (polyglycolid acid)

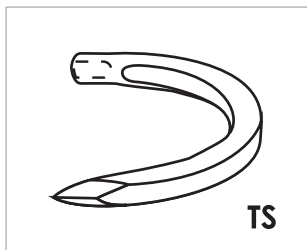
surgical sutures, absorbable from 60 to 90 days
multifilament, coated

round needle with a cutting edge (sharpened)



needles			thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature									
30 mm	hook		70 violet						DS103PG2	
30 mm heavy	hook		70 violet						DS76PG2	
			75 violet						DS91PG2	

notes



PGA II (polyglycolid acid)

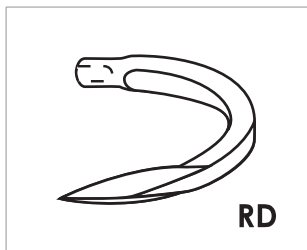
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round needle with a trocar edge

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2		75 violet		TS29PG2	TS01PG2	TS02PG2			
			90 violet			TS03PG2	TS04PG2			
25 mm	1/2		75 violet			TS05PG2	TS06PG2	TS07PG2	TS08PG2	
			90 violet				TS09PG2	TS10PG2	TS11PG2	
25 mm heavy	1/2		75 violet						TS28PG2	
30 mm	1/2		75 violet					TS12PG2	TS13PG2	
			90 violet					TS14PG2	TS15PG2	TS32PG2
36 mm	1/2		75 violet				TS30PG2	TS16PG2	TS17PG2	TS18PG2
			90 violet					TS19PG2	TS20PG2	TS21PG2
36 mm heavy	1/2		90 violet							TS31PG2
40 mm	1/2		75 violet					TS22PG2	TS23PG2	TS24PG2
			90 violet					TS25PG2	TS26PG2	TS27PG2

notes



PGA II (polyglycolid acid)

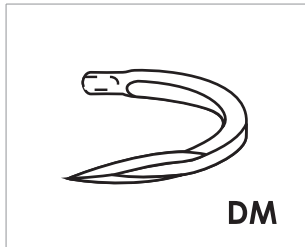
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



round cutting needle (sharpened)

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
17 mm	3/8		75 violet			RD05PG2				
26 mm	1/2		75 violet				RD03PG2			
30 mm	1/2		75 violet					RD06PG2		
36 mm	1/2		75 violet					RD10PG2		
37 mm heavy	1/2		75 violet						RD04PG2	
40 mm	1/2		75 violet							RD02PG2
40 mm heavy	1/2		90 violet					RD07PG2	RD08PG2	
48 mm heavy	1/2		90 violet						RD09PG2	

notes



PGA II (polyglycolid acid)

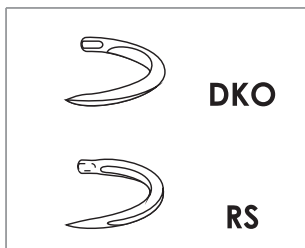
surgical sutures, absorbable from 60 to 90 days
multifilament, coated



reverse cutting P needle blade

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
13 mm	3/8		75 violet		DM09PG2					
16 mm	3/8		75 violet	DM10PG2	DM04PG2	DM03PG2				
19 mm	3/8		75 violet	DM11PG2	DM06PG2	DM05PG2				
24 mm	3/8		75 violet			DM01PG2				

notes



reverse cutting needle and round needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	1/2		75 violet					RSDKO02PG2		
30 mm	1/2									
37 mm	1/2		150 violet				RSDKO01PG2			
37 mm	1/2									

notes

PGA II (polyglycolid acid)

surgical sutures, absorbable from 60 to 90 days
multifilament, coated

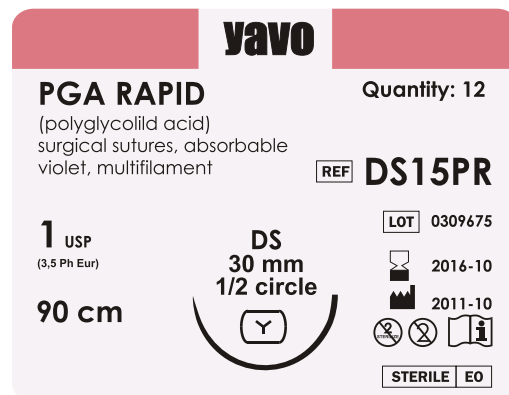
LIGATURES

threads length	color thread	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2
2 x 70 cm	violet				P84PG2	P85PG2	P70PG2	P93PG2	P98PG2	P107PG2
2 x 75 cm	violet				P75PG2	P16PG2	P17PG2	P18PG2	P19PG2	P20PG2
3 x 45 cm	violet				P07PG2	P08PG2	P09PG2	P10PG2	P11PG2	P12PG2
3 x 75 cm	violet				P21PG2	P22PG2	P23PG2	P24PG2	P25PG2	P26PG2
4 x 75 cm	violet						P72PG2			
5 x 70 cm	violet						P101PG2	P102PG2	P92PG2	
5 x 75 cm	violet				P27PG2	P28PG2	P29PG2	P30PG2	P31PG2	P32PG2
6 x 45 cm	violet				P56PG2	P57PG2	P52PG2	P53PG2	P59PG2	P74PG2
6 x 75 cm	violet					P123PG2	P104PG2	P122PG2	P105PG2	P106PG2
7 x 75 cm	violet					P33PG2	P34PG2	P35PG2		
10 x 45 cm	violet					P71PG2	P73PG2	P103PG2	P86PG2	
12 x 45 cm	violet				P58PG2	P13PG2	P14PG2	P15PG2	P55PG2	P62PG2
45 cm	violet				P01PG2	P02PG2	P03PG2	P04PG2	P05PG2	P06PG2
70 cm	violet							P128PG2	P126PG2	
75 cm	violet				P54PG2	P60PG2	P61PG2	P65PG2	P64PG2	P69PG2
90 cm	violet					P137PG2	P118PG2	P115PG2	P116PG2	P117PG2
100 cm	violet						P87PG2	P88PG2	P89PG2	P90PG2
140 cm	violet			P94PG2	P51PG2	P36PG2	P37PG2	P38PG2	P39PG2	P40PG2
150 cm	violet			P68PG2	P41PG2	P42PG2	P43PG2	P44PG2	P45PG2	P46PG2
150 cm	undyed					P125PG2		P124PG2		
250 cm	violet				P138PG2	P100PG2	P47PG2	P48PG2	P49PG2	P50PG2
250 cm in reel	violet				Pr138PG2	Pr100PG2	Pr47PG2			Pr50PG2

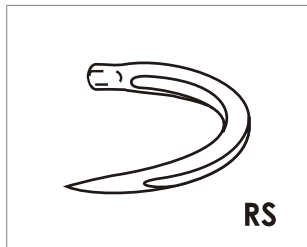
notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.

PGA RAPID



Thread	Polyglycolid acid
Build	Multifilament (braided)
Coating	Polycaprolactone and calcium stearate
Breaking Strength Retention/absorbtion	About 65% after 7 days from implantation About 50% after 8-11 days from implantationn Complete absorption after 42 days
Indications	Soft tissues Closing the dermal wounds, especially in paediatric surgery Joining mucous membrane in mouth General surgery Plastic surgery Gynaecology/obstetrics Ophthalmic surgery
Features	Uniform structure Strong tightening of knots Minimum tissue response High tensility
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread undyed
Size	USP: 8/0 - 2



PGA RAPID (polyglycolid acid)

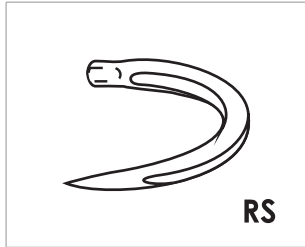
surgical sutures, absorbable about 42 days,
multifilament, coated



round needle

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
16 mm	3/8		75 undyed		RS59PR					
22 mm	3/8		90 undyed				RS109PR			
26 mm	3/8		75 undyed			RS132PR				
			90 undyed					RS110PR		
30 mm	3/8		75 undyed					RS60PR		
13 mm	1/2		45 undyed		RS65PR					
			75 undyed		RS01PR					
16 mm	1/2		75 undyed	RS55PR	RS02PR	RS03PR	RS04PR			
17 mm	1/2		45 undyed			RS98PR	RS123PR			
			75 undyed		RS78PR	RS69PR	RS90PR			
20 mm	1/2		75 undyed			RS87PR	RS05PR	RS86PR		
22 mm	1/2		75 undyed		RS06PR	RS07PR	RS08PR	RS09PR		
			90 undyed				RS63PR	RS76PR		
26 mm	1/2		45 undyed			RS99PR	RS83PR			
			75 undyed			RS10PR	RS11PR	RS12PR	RS13PR	
			90 undyed				RS111PR	RS62PR		
26 mm heavy	1/2		70 undyed					RS93PR	RS94PR	
			75 undyed						RS50PR	
26 mm thin	1/2		75 undyed					RS52PR		
30 mm	1/2		75 undyed			RS115PR	RS113PR	RS15PR	RS16PR	RS17PR
			90 undyed					RS64PR	RS106PR	

notes



PGA RAPID (polyglycolid acid)

surgical sutures, absorbable about 42 days,
multifilament, coated



round needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm heavy	1/2		90 undyed				RS18PR	RS19PR	RS20PR	
35 mm	1/2		75 undyed				RS82PR	RS117PR	RS118PR	RS119PR
			90 undyed				RS57PR	RS45PR	RS46PR	
37 mm	1/2		75 undyed			RS22PR	RS23PR	RS24PR	RS25PR	RS58PR
			90 undyed			RS26PR	RS27PR	RS28PR	RS29PR	RS54PR
37 mm heavy	1/2		75 undyed			RS127PR	RS30PR	RS31PR	RS32PR	
			90 undyed				RS33PR	RS34PR	RS35PR	RS48PR
40 mm	1/2		75 undyed				RS105PR	RS114PR	RS66PR	RS124PR
			90 undyed				RS56PR	RS36PR	RS37PR	
40 mm heavy	1/2		75 undyed						RS89PR	
			90 undyed					RS38PR	RS39PR	RS53PR
45 mm	1/2		75 undyed					RS67PR		RS125PR
			90 undyed				RS61PR	RS40PR	RS41PR	RS70PR
48 mm	1/2		75 undyed						RS100PR	RS120PR
			90 undyed				RS49PR	RS42PR	RS43PR	RS44PR
48 mm heavy	1/2		90 undyed				RS79PR	RS91PR	RS92PR	RS47PR
50 mm	1/2		90 undyed							RS126PR
			120 undyed					RS218PR		
76 mm	1/2		75 undyed				RS97PR			
27 mm	5/8		75 undyed				RS77PR			

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA RAPID (polyglycolid acid)

surgical sutures, absorbable about 42 days,
multifilament, coated



cutting needle

needles			thread length (cm) color							
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1
12 mm	3/8		45 undyed		DK20PR					
16 mm	3/8		75 undyed		DK05PR	DK06PR	DK07PR			
16 mm cosmetic	3/8		45 undyed			DK03PR	DK04PR			
			75 undyed			DK01PR	DK02PR			
19 mm	3/8		75 undyed			DK08PR	DK09PR	DK10PR		
19 mm cosmetic	3/8		75 undyed				DK35PR			
24 mm	3/8		75 undyed				DK17PR	DK25PR		
26 mm	3/8		75 undyed					DK19PR		
26 mm cosmetic	3/8		75 undyed					DK26PR		
30 mm	3/8		75 undyed					DK18PR		
35 mm	3/8		75 undyed					DK21PR		
36 mm	1/2		75 undyed					DK36PR	DK37PR	
51 mm	straight		75 undyed					DK30PR		
60 mm	straight		75 undyed				DK27PR	DK33PR	DK34PR	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA RAPID (polyglycolid acid)

surgical sutures, absorbable about 42 days,
multifilament, coated



reverse cutting needle

needles			thread length (cm) color							
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1
12 mm	3/8		45 undyed	DKO01PR	DKO02PR					
12 mm cosmetic	3/8		45 undyed	DKO03PR	DKO04PR					
13 mm	3/8		45 undyed			DKO77PR				
			75 undyed		DKO78PR	DKO95PR				
13 mm cosmetic	3/8		45 undyed		DKO66PR	DKO67PR				
16 mm	3/8		45 undyed		DKO97PR	DKO73PR				
			75 undyed		DKO05PR	DKO06PR	DKO07PR			
16 mm cosmetic	3/8		45 undyed	DKO107PR	DKO106PR	DKO103PR				
			75 undyed		DKO08PR	DKO09PR	DKO10PR			
19 mm	3/8		45 undyed		DKO87PR	DKO18PR	DKO19PR	DKO20PR		
			75 undyed		DKO92PR	DKO15PR	DKO16PR	DKO17PR		
19 mm cosmetic	3/8		45 undyed			DKO102PR	DKO101PR			
			75 undyed			DKO13PR	DKO14PR			
24 mm	3/8		75 undyed		DKO70PR	DKO21PR	DKO22PR	DKO23PR		
24 mm cosmetic	3/8		45 undyed			DKO27PR	DKO28PR	DKO29PR		
			75 undyed			DKO24PR	DKO25PR	DKO26PR		
26 mm	3/8		45 undyed				DKO36PR	DKO37PR		
			75 undyed				DKO34PR	DKO35PR	DKO69PR	
26 mm cosmetic	3/8		45 undyed				DKO32PR	DKO33PR		
			75 undyed				DKO30PR	DKO31PR		
30 mm	3/8		75 undyed					DKO109PR	DKO93PR	
			90 undyed				DKO68PR	DKO38PR	DKO39PR	

notes



PGA RAPID (polyglycolid acid)

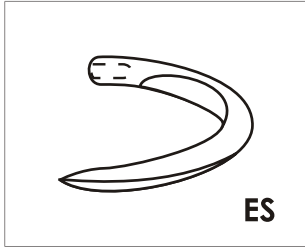
surgical sutures, absorbable about 42 days,
multifilament, coated



reverse cutting needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
35 mm	3/8		75 undyed			DKO40PR	DKO41PR			
35 mm cosmetic	3/8		75 undyed			DKO42PR	DKO43PR			
			90 undyed			DKO44PR	DKO45PR	DKO46PR		
35 mm heavy	3/8		75 undyed				DKO64PR			
16 mm	1/2		75 undyed	DKO122PR	DKO100PR					
22 mm	1/2		45 undyed		DKO117PR					
24 mm	1/2		45 undyed		DKO89PR	DKO80PR				
			75 undyed			DKO86PR				
37 mm	1/2		75 undyed						DKO121PR	
			90 undyed				DKO54PR	DKO55PR	DKO56PR	
37 mm heavy	1/2		75 undyed				DKO75PR			
			90 undyed				DKO81PR			
40 mm	1/2		75 undyed					DKO96PR	DKO79PR	
			90 undyed						DKO57PR	
40 mm heavy	1/2		90 undyed						DKO65PR	
45 mm	1/2		90 undyed						DKO58PR	
48 mm	1/2		90 undyed					DKO63PR	DKO59PR	
51 mm	straight		70 undyed		DKO83PR	DKO84PR				
60 mm	straight		75 undyed			DKO94PR				

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.







PGA RAPID (polyglycolid acid)

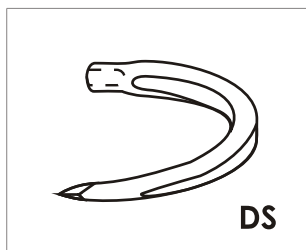
surgical sutures, absorbable about 42 days,
multifilament, coated



**cosmetic reverse cutting needle
with a precise blade (micro point)**

needles			thread length (cm) color								
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1	
16 mm	3/8		45 undyed		ES03PR						
19 mm	3/8		45 undyed		ES04PR	ES05PR	ES10PR				
			75 undyed			ES02PR					
24 mm	3/8		45 undyed			ES06PR					
			75 undyed			ES07PR					
26 mm	3/8		45 undyed			ES08PR	ES09PR				
			75 undyed				ES01PR				

notes



PGA RAPID (polyglycolic acid)

surgical sutures, absorbable about 42 days,
multifilament, coated

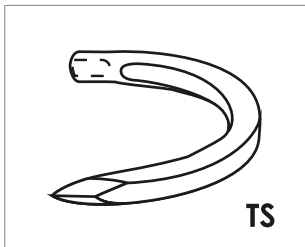


**round needle with a cutting
edge (sharpened)**

needles			thread length (cm) color							
length	curvature			5/0	4/0	3/0	2/0	0	1	2
15 mm	3/8		75 undyed	DS32PR						
17 mm	1/2		90 undyed		DS36PR					
20 mm	1/2		75 undyed		DS39PR					
22 mm	1/2		75 undyed			DS40PR				
30 mm	1/2		75 undyed				DS45PR	DS44PR		
			90 undyed				DS21PR			
35 mm	1/2		75 undyed				DS07PR	DS08PR	DS09PR	
			90 undyed				DS10PR	DS11PR	DS12PR	
37 mm	1/2		90 undyed				DS13PR	DS14PR	DS15PR	DS22PR
40 mm	1/2		75 undyed						DS51PR	
			90 undyed					DS35PR	DS16PR	
40 mm heavy	1/2		90 undyed						DS47PR	
45 mm	1/2		90 undyed					DS30PR	DS17PR	DS20PR
			120 undyed						DS42PR	
48 mm	1/2		90 undyed				DS29PR	DS18PR	DS19PR	
48 mm heavy	1/2		90 undyed					DS56PR		
17 mm	5/8		75 undyed		DS57PR					

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGA RAPID (polyglycolid acid)

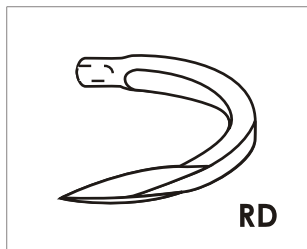
surgical sutures, absorbable about 42 days,
multifilament, coated



round needle with a trocar edge

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2		75 undyed			TS01PR	TS02PR			
			90 undyed			TS03PR	TS04PR			
25 mm	1/2		75 undyed			TS05PR	TS06PR	TS07PR	TS08PR	
			90 undyed				TS09PR	TS10PR	TS11PR	
30 mm	1/2		75 undyed					TS12PR	TS13PR	
			90 undyed					TS14PR	TS15PR	
36 mm	1/2		75 undyed					TS16PR	TS17PR	TS18PR
			90 undyed				TS28PR	TS19PR	TS20PR	TS21PR
40 mm	1/2		75 undyed					TS22PR	TS23PR	TS24PR
			90 undyed					TS25PR	TS26PR	TS27PR
40 mm heavy	1/2		90 undyed					TS32PR	TS31PR	
45 mm heavy	1/2		90 undyed					TS30PR		

notatki



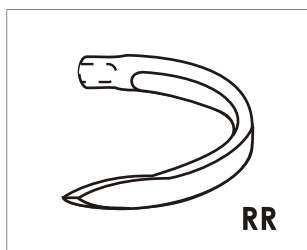
PGA RAPID (polyglycolid acid)

surgical sutures, absorbable about 42 days,
multifilament, coated



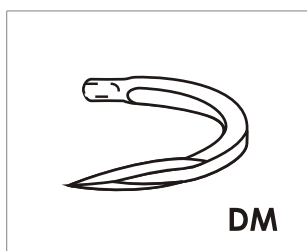
round cutting needle (sharpened)

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
37 mm	1/2		90 undyed					RD03PR	RD02PR	
40 mm	1/2		90 undyed						RD01PR	



round separating needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
17 mm	1/2		75 undyed		RR03PR					
22 mm	1/2		75 undyed			RR01PR				
26 mm	1/2		75 undyed		RR02PR					



reverse cutting P needle blade

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
16 mm	3/8		75 undyed	DM06PR	DM01PR	DM02PR				
19 mm	3/8		45 undyed	DM05PR	DM04PR	DM03PR				
			75 undyed	DM09PR	DM08PR	DM07PR				

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.

PGA RAPID (polyglycolild acid)

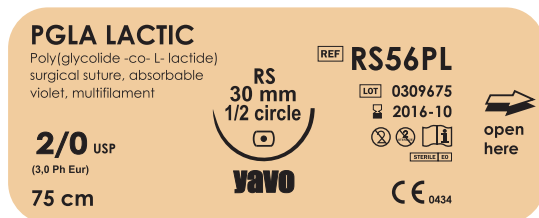
surgical sutures, absorbable about 42 days,
multifilament, coated

LIGATURES

threads length	color thread	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2
2 x 75 cm	undyed					P16PR	P17PR	P18PR	P19PR	P20PR
3 x 45 cm	undyed				P07PR	P08PR	P09PR	P10PR	P11PR	P12PR
5 x 75 cm	undyed				P27PR	P28PR	P29PR	P30PR	P31PR	P32PR
150 cm	undyed				P41PR	P42PR	P43PR	P44PR	P45PR	P46PR
250 cm	undyed					P61PR	P47PR	P48PR	P49PR	P50PR
250 cm in reel	undyed						Pr47PR			

notes

PGLA LACTIC



Thread	Poly (glycolide -co- L- lactide)
Build	Multifilament (braided)
Coating	Mixture of poly(glycolide-co-L-Lactide) and calcium stearate
Breaking Strength Retention/absorbtion	About 75% after 14 days from implantation About 50% after 21 days from implantation About 25% after 28 days from implantation Complete absorption after 60-70 days
Indications	Soft tissues Paediatric surgery General surgery Plastic surgery Gynaecology/obstetrics Ophthalmic surgery Urology Orthopaedics Dental surgery Joining peripheral nerves and blood vessels
Features	Uniform structure Strong tightening of knots Minimum tissue response High tensility
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be natural (beige) or violet
Size	USP: 8/0 - 2



PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated



spatula (lanced needle)

needles		thread length (cm) color		8/0	7/0	6/0	5/0	4/0	3/0	2/0
length	curvature									
6 mm	3/8	230 µm		30 violet	LZ51PL	LZ43PL				
				45 violet	LZ01PL	LZ02PL	LZ58PL			
6 mm	3/8	230 µm		30 violet	LZ27PL	LZ28PL				
				45 violet	LZ03PL	LZ04PL	LZ05PL			
6 mm micropoint	3/8	220 µm		45 violet	LZ59PL					
6 mm micropoint	3/8	230 µm		30 violet	LZ48PL					
				45 violet		LZ47PL				
6,19 mm	3/8	230 µm		45 violet	LZ54PL					
6,19 mm	3/8	150 µm		45 violet	LZ77PL					
6,4 mm	3/8	230 µm		20 violet		LZ53PL				
				45 violet	LZ17PL	LZ18PL				
6,5 mm micropoint	3/8	220 µm		30 violet	LZ78PL	LZ68PL				
				45 violet	LZ69PL					
6,5 mm	3/8	230 µm		30 violet	LZ20PL	LZ16PL				
				45 violet	LZ42PL					
6,5 mm micropoint	3/8	230 µm		30 violet	LZ52PL					
				45 violet	LZ61PL					
8 mm	3/8	230 µm		45 violet			LZ25PL			
10 mm	3/8	230 µm		45 violet			LZ13PL			
6 mm	1/2			30 violet		LZ75PL				
6,5 mm	1/2	250 µm		30 violet	LZ34PL					
				45 violet	LZ39PL					
8 mm	1/2			45 undyed			LZ70PL			
				45 violet		LZ80PL				

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGLA LACTIC (poly(glycolide-co-L-lactide))

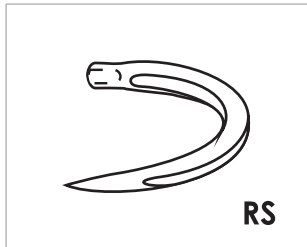
surgical sutures, absorbable from 60-70 days,
multifilament, coated



spatula (lanced needle)

needles			thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
length	curvature	diameter								
8 mm	1/2	300 µm		45 undyed			LZ63PL			
				45 violet	LZ09PL	LZ10PL	LZ11PL	LZ12PL		
8 mm micropoint	1/2	220 µm		45 violet		LZ60PL	LZ71PL			
8 mm micropoint	1/2	300 µm		45 violet	LZ56PL					
8 mm	1/4	350 µm		20 violet			LZ21PL			
				45 violet			LZ06PL	LZ07PL	LZ08PL	
				45 undyed			LZ31PL	LZ26PL		
				6x45 violet			LZ41PL			
8 mm micropoint	1/4	330 µm		45 violet			LZ73PL	LZ62PL		
				45 undyed				LZ72PL		

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

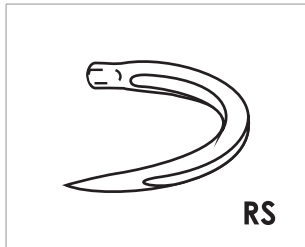
surgical sutures, absorbable from 60-70 days,
multifilament, coated



round needle

needles			thread							
length	curvature		length (cm)	8/0	7/0	6/0	5/0	4/0	3/0	2/0
			color							
6 mm	3/8		13 violet	RS281PL						
			30 violet	RS385PL						
8 mm	3/8		30 violet	RS350PL						
			45 violet	RS01PL	RS02PL	RS03PL				
10 mm	3/8		45 violet		RS493PL					
13 mm	3/8		45 violet			RS09PL	RS10PL	RS11PL		
			60 violet					RS221PL		
			75 violet			RS06PL	RS07PL	RS08PL		
17 mm	3/8		45 violet					RS268PL		
			75 violet				RS322PL	RS199PL		
22 mm	3/8		45 violet				RS411PL			
			75 violet					RS321PL	RS166PL	RS159PL
26 mm	3/8		75 violet						RS168PL	RS49PL
			75 undyed							RS224PL

notes













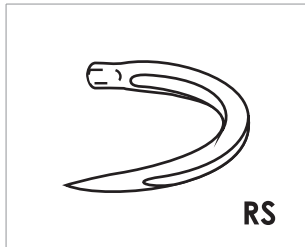
PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated



round needle

needles		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1	
length	curvature									
32 mm	3/8		75 violet				RS215PL	RS360PL	RS286PL	RS469PL
13 mm	1/2		45 violet	RS15PL	RS16PL	RS17PL				
			45 undyed	RS328PL	RS330PL					
			60 violet			RS246PL				
			75 violet	RS12PL	RS13PL	RS14PL				
			75 undyed		RS391PL	RS426PL				
16 mm	1/2		45 violet		RS21PL	RS22PL				
			75 violet		RS19PL	RS20PL	RS153PL	RS174PL		
			75 undyed		RS274PL					
16 mm thin	1/2		75 violet				RS461PL			
17 mm	1/2		18 violet				RS476PL			
			45 undyed			RS512PL				
			75 violet	RS173PL	RS162PL	RS163PL	RS181PL	RS203PL		
			75 undyed		RS511PL	RS278PL				
17 mm thin	1/2		75 violet				RS450PL			
20 mm	1/2		45 violet			RS27PL	RS28PL	RS272PL		
			75 violet		RS225PL	RS25PL	RS26PL	RS190PL		
			75 undyed			RS275PL				
20 mm thin	1/2		75 violet			RS342PL	RS340PL			
22 mm thin	1/2		75 violet			RS193PL	RS367PL			
22 mm	1/2		90 violet			RS32PL	RS33PL	RS34PL		









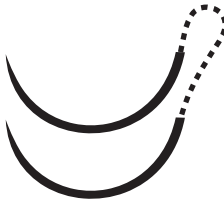


PGLA LACTIC (poly(glycolide-co-L-lactide))

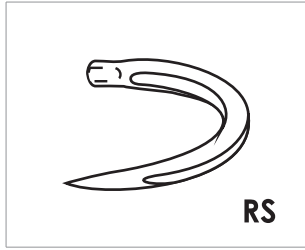
surgical sutures, absorbable from 60-70 days, multifilament, coated



round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
22 mm	1/2		45 violet	RS245PL	RS241PL	RS235PL			
			75 violet	RS29PL	RS30PL	RS31PL	RS197PL		RS409PL
			75 undyed	RS503PL	RS390PL	RS502PL			
26 mm	1/2		45 violet		RS243PL	RS238PL	RS229PL		
			75 violet	RS439PL	RS37PL	RS38PL	RS39PL	RS40PL	RS41PL
			75 undyed	RS331PL	RS276PL	RS277PL			
			90 violet		RS218PL	RS160PL	RS171PL		RS497PL
26 mm thin	1/2		75 violet	RS352PL	RS155PL	RS156PL	RS372PL		
26 mm heavy	1/2		75 violet		RS332PL	RS161PL	RS169PL		RS507PL
			90 violet				RS380PL		RS516PL
26 mm	1/2		90 violet		RS44PL	RS45PL	RS46PL		
30 mm	1/2		75 violet	RS373PL	RS55PL	RS56PL	RS57PL	RS58PL	RS265PL
			75 undyed			RS456PL			
			90 violet		RS437PL	RS269PL	RS359PL	RS259PL	RS320PL
			100 violet			RS412PL			
30 mm thin	1/2		75 violet		RS51PL	RS52PL	RS53PL	RS54PL	
30 mm heavy	1/2		75 violet		RS59PL	RS60PL	RS61PL	RS62PL	RS227PL
			90 violet					RS418PL	
30 mm	1/2		75 violet			RS64PL			
			100 violet			RS250PL			

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated

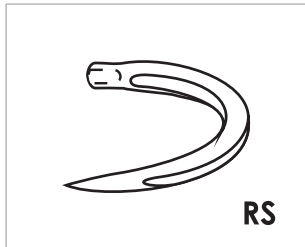


round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2	
length	curvature									
35 mm	1/2		75 violet				RS67PL	RS68PL	RS214PL	RS206PL
			90 violet				RS65PL	RS66PL	RS220PL	RS515PL
35 mm heavy	1/2		75 violet				RS434PL	RS362PL	RS363PL	
			90 violet				RS366PL	RS436PL		RS200PL
37 mm	1/2		45 violet					RS228PL	RS230PL	
			75 violet		RS432PL	RS71PL	RS72PL	RS73PL	RS74PL	RS75PL
			75 undyed			RS346PL	RS347PL			
			90 violet			RS76PL	RS77PL	RS78PL	RS79PL	RS80PL
			90 undyed						RS446PL	
			120 violet				RS195PL			
37 mm heavy	1/2		75 violet			RS81PL	RS82PL	RS83PL	RS84PL	RS85PL
			90 violet				RS451PL	RS337PL	RS204PL	RS338PL
37 mm thin	1/2		75 violet			RS341PL	RS247PL	RS361PL	RS479PL	
40 mm	1/2		75 violet			RS211PL	RS93PL	RS94PL	RS95PL	RS96PL
			90 violet			RS287PL	RS89PL	RS90PL	RS91PL	RS92PL
40 mm heavy	1/2		75 violet				RS97PL	RS98PL	RS99PL	RS100PL
			90 violet				RS500PL	RS217PL	RS150PL	RS290PL
40 mm	1/2		150 violet					RS105PL	RS106PL	
40 mm heavy	1/2		150 violet					RS495PL		

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



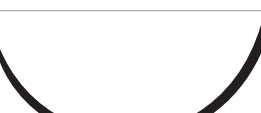









PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated

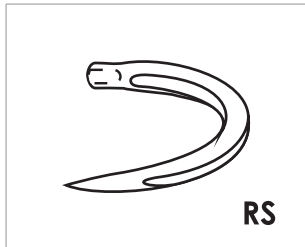


round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2	
length	curvature									
45 mm	1/2		75 violet				RS107PL	RS108PL	RS109PL	RS110PL
		90 violet				RS111PL	RS112PL	RS113PL	RS114PL	
45 mm heavy	1/2		75 violet					RS115PL	RS116PL	RS117PL
		90 violet							RS427PL	
48 mm	1/2		75 violet			RS212PL	RS118PL	RS119PL	RS120PL	RS121PL
		90 violet			RS242PL	RS122PL	RS123PL	RS124PL	RS125PL	
48 mm heavy	1/2		75 violet			RS378PL	RS379PL	RS126PL	RS127PL	RS128PL
		90 violet					RS381PL	RS263PL	RS283PL	
48 mm	1/2		150 violet					RS498PL		
50 mm	1/2		75 violet					RS135PL	RS136PL	RS137PL
		90 violet					RS132PL	RS133PL	RS134PL	
50 mm heavy	1/2		90 violet						RS387PL	RS388PL
60 mm	1/2		75 violet				RS138PL	RS139PL	RS140PL	RS405PL
60 mm	1/2		150 violet						RS440PL	
60 mm heavy	1/2		90 violet							RS431PL

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGLA LACTIC (poly(glycolide-co-L-lactide))

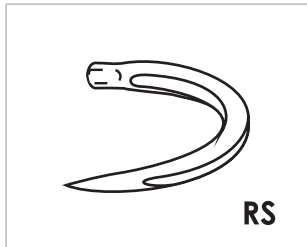
surgical sutures, absorbable from 60-70 days,
multifilament, coated



round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
65 mm	1/2	75 violet				RS158PL		RS231PL	
		75 undyed				RS357PL			
		90 violet				RS141PL	RS142PL	RS143PL	RS144PL
		150 violet						RS170PL	RS154PL
65 mm heavy	1/2	75 violet				RS288PL		RS370PL	RS301PL
		90 violet						RS291PL	RS327PL
		150 violet						RS485PL	
65 mm	1/2	150 violet						RS483PL	
		240 violet							RS267PL
76 mm	1/2	150 violet							RS480PL
76 mm	1/2	75 violet			RS244PL	RS237PL	RS398PL	RS399PL	RS406PL
		75 undyed				RS445PL			
		90 violet						RS371PL	RS441PL
76 mm heavy	1/2	75 violet				RS463PL		RS482PL	
		90 violet							RS393PL
		100 violet						RS410PL	
26 mm	5/8	75 violet			RS423PL	RS306PL	RS305PL		
27 mm	5/8	75 violet			RS280PL	RS50PL	RS172PL	RS165PL	

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated

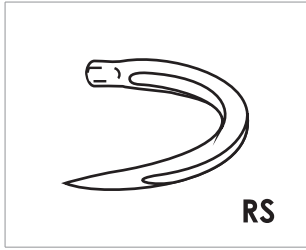


round needle

needles			thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature									
27 mm heavy	5/8		75 violet						RS300PL	
36 mm	5/8		75 violet				RS70PL	RS317PL	RS448PL	
37 mm	5/8		75 violet				RS202PL	RS266PL		
40 mm	5/8		75 violet					RS180PL	RS468PL	
			90 violet					RS514PL		
22 mm	hook		75 violet		RS339PL	RS35PL				
30 mm	hook		75 violet				RS316PL	RS315PL	RS63PL	
31 mm	hook		75 violet						RS304PL	
32 mm	hook		75 violet						RS402PL	
35 mm	hook		75 violet				RS324PL	RS69PL	RS449PL	
37 mm	hook		70 violet					RS443PL		
			75 violet						RS408PL	

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.








PGLA LACTIC (poly(glycolide-co-L-lactide))

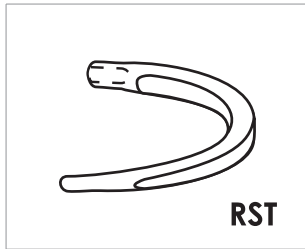
surgical sutures, absorbable from 60-70 days,
multifilament, coated



round needle

needles			thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature									
22 mm	ski		20 violet				RS492PL			
23 mm	ski		18 violet		RS491PL					
			20 violet			RS403PL				
			100 violet			RS435PL				
			120 violet			RS478PL				
23 mm	ski	 loop	20 violet			RS36PL	RS513PL			
26 mm	ski		120 violet			RS505PL	RS506PL			
19 mm	straight		20 violet			RS23PL				

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

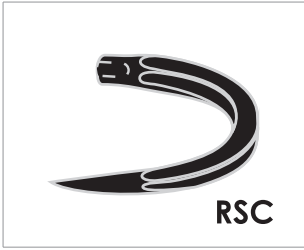
surgical sutures, absorbable from 60-70 days,
multifilament, coated



round blunt needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
63 mm	3/8	75 violet						RST02PL	
		100 violet						RST03PL	
65 mm	3/8	100 violet						RST04PL	
30 mm	1/2	75 violet			RST05PL	RST06PL			
35 mm	1/2	75 violet				RST08PL			
35 mm heavy	1/2	90 violet					RST09PL	RST10PL	
37 mm	1/2	75 violet				RST12PL	RST13PL	RST14PL	
		75 undyed				RST15PL			
		90 violet					RST16PL	RST17PL	RST18PL
		90 undyed			RST19PL	RST20PL			
40 mm	1/2	75 violet					RST23PL	RST24PL	
		90 violet				RST25PL	RST26PL	RST27PL	RST28PL
48 mm	1/2	90 violet					RST32PL	RST33PL	RST34PL
48 mm heavy	1/2	90 violet							RST35PL
65 mm	1/2	75 violet							RST37PL
		100 violet						RST38PL	RST39PL
		150 violet						RST41PL	RST42PL

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.






PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated



round black needle

needles			thread length (cm) color							
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1
13 mm	3/8		75 violet	RSC01PL						
23 mm	1/2		75 violet					RSC03PL		
26 mm	1/2		75 violet				RSC04PL			

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated



cutting needle

needles			thread length (cm) color								
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1	
12 mm	3/8		45 violet	DK109PL							
			45 undyed	DK146PL							
12 mm cosmetic	3/8		45 violet		DK65PL						
			45 undyed		DK137PL						
16 mm	3/8		45 violet	DK89PL	DK94PL	DK67PL	DK68PL				
			75 violet		DK10PL	DK11PL	DK12PL				
			75 undyed			DK147PL	DK129PL				
16 mm cosmetic	3/8		45 violet	DK135PL	DK07PL	DK08PL	DK09PL				
			45 undyed		DK138PL	DK139PL					
19 mm	3/8		45 violet		DK23PL	DK24PL	DK25PL				
			45 undyed			DK110PL	DK83PL				
			75 violet		DK20PL	DK21PL	DK22PL				
			75 undyed		DK149PL	DK125PL	DK124PL				
19 mm cosmetic	3/8		45 violet		DK17PL	DK18PL	DK19PL				
			75 violet		DK14PL	DK15PL	DK16PL				
24 mm	3/8		45 violet			DK32PL	DK33PL	DK34PL			
			45 undyed				DK112PL				
			75 violet			DK29PL	DK30PL	DK31PL			
			75 undyed			DK95PL	DK96PL	DK97PL			
26 mm	3/8		75 violet			DK41PL	DK42PL	DK43PL	DK44PL		
26 mm cosmetic	3/8		45 violet			DK38PL	DK39PL	DK40PL			
			75 undyed			DK140PL					

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.
















PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated



cutting needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
30 mm	3/8	 75 violet			DK70PL	DK103PL	DK98PL		
36 mm	3/8	 75 violet			DK81PL	DK79PL			
36 mm cosmetic	3/8	 75 violet			DK78PL	DK101PL			
		75 undyed			DK104PL	DK145PL			
40 mm	3/8	 75 violet						DK128PL	
22 mm	1/2	 45 violet			DK87PL				
		75 violet			DK148PL	DK144PL			DK108PL
24 mm	1/2	 45 undyed			DK111PL				
		75 undyed		DK93PL	DK90PL				
26 mm	1/2	 45 violet			DK132PL				
		75 violet					DK69PL		DK102PL
37 mm	1/2	 75 violet			DK53PL	DK54PL	DK55PL	DK56PL	DK57PL
		90 violet				DK88PL	DK85PL		
40 mm	1/2	 75 violet				DK58PL	DK59PL	DK60PL	DK61PL
		90 violet						DK76PL	DK66PL
13 mm	straight	 45 violet		DG01PL					
45 mm	straight	 45 violet		DG02PL					
55 mm	straight	 75 violet				DG03PL			
60 mm	straight	 75 violet			DG04PL	DG05PL	DG08PL		
		75 undyed			DG07PL	DG06PL			

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.












PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated



reverse cutting needle

needles			thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
length	curvature									
9 mm	3/8		45 violet			DKO145PL				
12 mm	3/8		45 violet			DKO03PL	DKO04PL	DKO05PL		
			45 undyed				DKO190PL			
12 mm cosmetic	3/8		45 violet				DKO102PL			
			45 undyed			DKO186PL				
13 mm	3/8		45 violet			DKO119PL	DKO81PL			
16 mm	3/8		45 violet			DKO125PL	DKO06PL	DKO07PL	DKO08PL	
			75 violet				DKO09PL	DKO10PL	DKO11PL	
			75 undyed				DKO210PL		DKO176PL	
16 mm cosmetic	3/8		45 violet				DKO12PL	DKO13PL	DKO14PL	
			45 undyed			DKO189PL	DKO161PL	DKO133PL		
19 mm	3/8		45 violet				DKO18PL	DKO19PL	DKO20PL	
			45 undyed				DKO150PL	DKO122PL	DKO198PL	
			75 violet				DKO67PL	DKO21PL	DKO22PL	DKO147PL
19 mm cosmetic	3/8		45 violet				DKO15PL	DKO16PL	DKO17PL	
			45 undyed				DKO201PL	DKO128PL	DKO121PL	
			75 undyed					DKO168PL		
24 mm	3/8		45 violet					DKO85PL	DKO204PL	DKO75PL
			75 violet					DKO26PL	DKO27PL	DKO28PL

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated



reverse cutting needle

needles		thread length (cm) color							
length	curvature		5/0	4/0	3/0	2/0	0	1	2
26 mm	3/8	45 violet			DKO167PL	DKO34PL			
		75 violet			DKO158PL	DKO33PL	DKO66PL	DKO179PL	
		75 undyed			DKO129PL	DKO91PL	DKO101PL		
26 mm cosmetic	3/8	45 violet				DKO31PL	DKO32PL		
		75 violet				DKO29PL	DKO30PL		
		75 undyed					DKO188PL		
30 mm	3/8	75 violet				DKO63PL	DKO65PL	DKO68PL	
35 mm	3/8	75 violet				DKO39PL	DKO40PL	DKO41PL	DKO72PL
37 mm	3/8	75 violet					DKO149PL		
37 mm cosmetic	3/8	75 undyed				DKO113PL			
40 mm	3/8	75 violet						DKO73PL	
		90 violet							DKO181PL
45 mm	3/8	75 violet					DKO89PL		
48 mm	3/8	90 violet						DKO208PL	
60 mm	3/8	90 violet						DKO192PL	

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days, multifilament, coated



reverse cutting needle

needles			thread length (cm) color							
length	curvature			8/0	7/0	6/0	5/0	4/0	3/0	2/0
8 mm	1/2		30 violet	DKO64PL						
16 mm	1/2		45 undyed					DKO196PL		
19 mm	1/2		75 violet				DKO177PL	DKO216PL	DKO76PL	
22 mm	1/2		45 violet						DKO165PL	

notes
















PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated



reverse cutting needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2	
length	curvature									
22 mm heavy	1/2		75 violet						DKO99PL	
24 mm	1/2		75 violet			DKO77PL	DKO104PL			
26 mm	1/2		75 violet			DKO182PL	DKO70PL	DKO88PL	DKO69PL	DKO35PL
26 mm heavy	1/2		75 violet				DKO78PL	DKO185PL	DKO152PL	DKO184PL
37 mm	1/2		75 violet			DKO42PL	DKO43PL	DKO44PL	DKO45PL	DKO62PL
			90 violet					DKO97PL		DKO94PL
37 mm heavy	1/2		75 violet				DKO79PL		DKO112PL	DKO162PL
			90 violet						DKO195PL	
40 mm	1/2		75 violet			DKO134PL	DKO49PL	DKO50PL	DKO51PL	DKO172PL
			90 violet				DKO46PL	DKO47PL	DKO48PL	DKO71PL
40 mm heavy	1/2		90 violet				DKO193PL			
45 mm	1/2		75 violet				DKO52PL		DKO87PL	
48 mm	1/2		75 violet				DKO154PL	DKO153PL	DKO156PL	DKO123PL
			90 violet					DKO207PL	DKO105PL	DKO92PL
48 mm heavy	1/2		90 violet					DKO138PL	DKO157PL	DKO215PL
50 mm	1/2		75 violet					DKO56PL	DKO57PL	DKO58PL
			90 violet					DKO53PL	DKO54PL	DKO55PL
60 mm	straight		75 violet				DG09PL			

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



PGLA LACTIC (poly(glycolide-co-L-lactide))

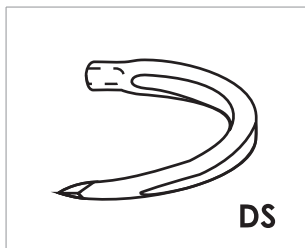
surgical sutures, absorbable from 60-70 days,
multifilament, coated



**cosmetic reverse cutting needle
with a precise blade (micro point)**

needles			thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
length	curvature									
13 mm	3/8		45 violet	ES19PL	ES13PL	ES12PL				
			45 undyed	ES20PL	ES11PL					
16 mm	3/8		45 violet			ES17PL	ES18PL			
			45 undyed		ES01PL					
19 mm	3/8		45 violet		ES03PL	ES04PL				
			45 undyed			ES14PL	ES10PL			
			75 violet			ES05PL				
24 mm	3/8		75 violet			ES06PL	ES07PL			
			75 undyed				ES15PL			
26 mm	3/8		45 violet			ES21PL	ES22PL	ES23PL		
			45 undyed			ES08PL	ES02PL			
			75 violet				ES09PL	ES16PL		
30 mm	3/8		75 violet					ES24PL		

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated

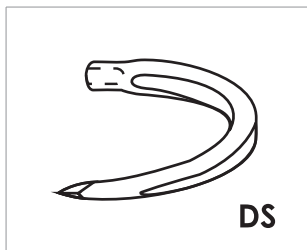


**round needle with a cutting
edge (sharpened)**

needles			thread length (cm) color							
length	curvature			5/0	4/0	3/0	2/0	0	1	2
13 mm	3/8		45 violet	DS04PL	DS05PL					
16 mm	3/8		75 violet	DS06PL	DS07PL	DS08PL				
17 mm	3/8		45 violet		DS147PL					
			75 violet		DS54PL	DS51PL				
22 mm	3/8		75 violet		DS99PL		DS95PL			
24 mm	3/8		75 violet		DS13PL	DS14PL	DS15PL			
17 mm	1/2		75 violet	DS114PL	DS131PL	DS158PL				
20 mm	1/2		75 violet	DS143PL	DS09PL	DS10PL	DS11PL			
22 mm	1/2		75 violet		DS112PL	DS105PL	DS52PL	DS125PL		
26 mm	1/2		75 violet		DS111PL	DS16PL	DS17PL	DS85PL	DS61PL	
			90 violet				DS141PL		DS47PL	
26 mm heavy	1/2		75 violet				DS101PL		DS115PL	
30 mm	1/2		75 violet				DS18PL	DS19PL	DS20PL	DS72PL
30 mm heavy	1/2		75 violet				DS146PL		DS88PL	
35 mm	1/2		75 violet			DS27PL	DS28PL	DS29PL	DS30PL	DS31PL
			90 violet			DS22PL	DS23PL	DS24PL	DS25PL	DS26PL
35 mm heavy	1/2		75 violet					DS132PL	DS80PL	DS62PL
			90 violet				DS134PL		DS138PL	
37 mm heavy	1/2		90 violet					DS90PL	DS91PL	DS92PL

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.






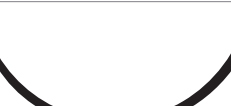
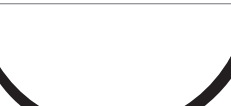





PGLA LACTIC (poly(glycolide-co-L-lactide))

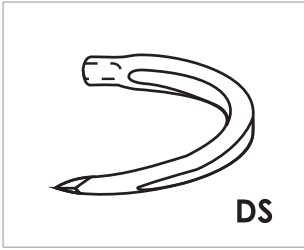
surgical sutures, absorbable from 60-70 days,
multifilament, coated



**round needle with a cutting
edge (sharpened)**

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2	
length	curvature									
37 mm	1/2		75 violet					DS60PL	DS57PL	DS83PL
		75 undyed			DS119PL					
		90 violet			DS58PL	DS128PL	DS84PL	DS127PL	DS102PL	
		150 violet						DS162PL		
40 mm	1/2		75 violet				DS35PL	DS36PL	DS37PL	DS103PL
		90 violet				DS32PL	DS33PL	DS34PL	DS59PL	
40 mm heavy	1/2		75 violet					DS75PL	DS69PL	
		90 violet					DS133PL	DS86PL	DS79PL	
45 mm	1/2		75 violet				DS38PL	DS39PL	DS40PL	DS41PL
		90 violet						DS108PL		
45 mm heavy	1/2		75 violet				DS74PL	DS76PL	DS77PL	DS78PL
48 mm	1/2		75 violet					DS42PL	DS43PL	DS44PL
		90 violet					DS157PL		DS118PL	
48 mm heavy	1/2		75 violet							DS109PL
		90 violet						DS126PL		
48 mm	1/2		150 violet						DS124PL	DS142PL
80 mm	1/2		75 violet					DS53PL	DS107PL	
80 mm heavy	1/2		75 violet					DS130PL		

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.






PGLA LACTIC (poly(glycolide-co-L-lactide))

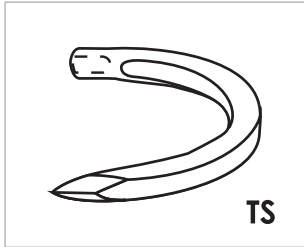
surgical sutures, absorbable from 60-70 days,
multifilament, coated



**round needle with a cutting
edge (sharpened)**

needles		thread							
length	curvature		5/0	4/0	3/0	2/0	0	1	2
		length (cm) color							
30 mm	hook	 75 violet						DS21PL	
31 mm	hook	 75 violet					DS148PL	DS98PL	
31 mm heavy	hook	 75 violet						DS120PL	

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

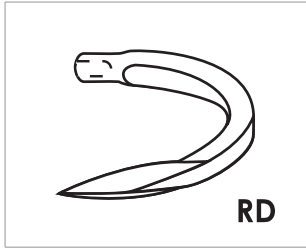
surgical sutures, absorbable from 60-70 days,
multifilament, coated



round needle with a trocar edge

needles		thread length (cm) color								
length	curvature		5/0	4/0	3/0	2/0	0	1	2	
22 mm	1/2		75 violet			TS01PL	TS02PL			
			90 violet			TS03PL	TS04PL			
25 mm	1/2		75 violet			TS05PL	TS06PL	TS07PL	TS08PL	
			90 violet				TS09PL	TS10PL	TS11PL	
30 mm	1/2		75 violet					TS12PL	TS13PL	
			90 violet					TS14PL	TS15PL	
36 mm	1/2		75 violet					TS16PL	TS17PL	TS18PL
			90 violet					TS19PL	TS20PL	TS21PL
40 mm	1/2		75 violet					TS22PL	TS23PL	TS24PL
			90 violet					TS25PL	TS26PL	TS27PL

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

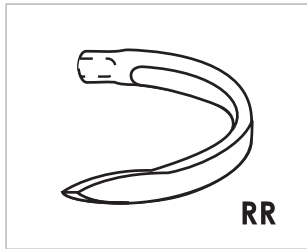
surgical sutures, absorbable from 60-70 days,
multifilament, coated



round cutting needle (sharpened)

needles		thread		5/0	4/0	3/0	2/0	0	1	2
length	curvature		length (cm) color							
22 mm	1/2		75 violet				RD02PL			
26 mm heavy	1/2		75 violet				RD01PL			
30 mm	1/2		75 violet						RD07PL	
35 mm	1/2		75 violet				RD06PL			
35 mm heavy	1/2		75 violet						RD04PL	
40 mm heavy	1/2		75 violet					RD03PL		
48 mm heavy	1/2		75 violet						RD05PL	

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

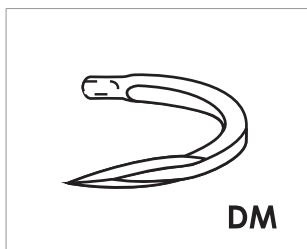
surgical sutures, absorbable from 60-70 days,
multifilament, coated



round separating needle

needles			thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature									
17 mm	1/2		75 violet	RR09PL	RR10PL	RR08PL				
20 mm	1/2		75 violet		RR07PL	RR11PL				
22 mm	1/2		75 violet		RR06PL	RR03PL	RR04PL			
			90 violet				RR05PL			
26 mm	1/2		75 violet		RR12PL	RR02PL	RR01PL			
30 mm	1/2		75 violet				RR13PL			

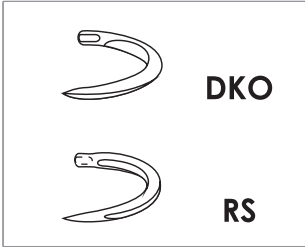
notes



reverse cutting P needle blade

needles			thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature									
19 mm	3/8		45 undyed		DM02PL	DM01PL				
22 mm	3/8		75 violet		DM04PL					
24 mm	3/8		75 violet				DM03PL			

notes



PGLA LACTIC (poly(glycolide-co-L-lactide))

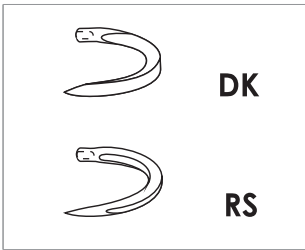
surgical sutures, absorbable from 60-70 days,
multifilament, coated



reverse cutting needle and round needle

needles		thread							
length	curvature		5/0	4/0	3/0	2/0	0	1	2
30 mm	3/8	 150 violet					DKORS01PL		
40 mm	1/2								
37 mm	1/2	 150 violet					DKORS02PL		
37 mm	1/2								

notes



cutting needle and round needle

needles		thread							
length	curvature		5/0	4/0	3/0	2/0	0	1	2
30 mm	3/8	 150 violet					DKRS01PL		
40 mm	3/8								

notes

PGLA LACTIC (poly(glycolide-co-L-lactide))

surgical sutures, absorbable from 60-70 days,
multifilament, coated

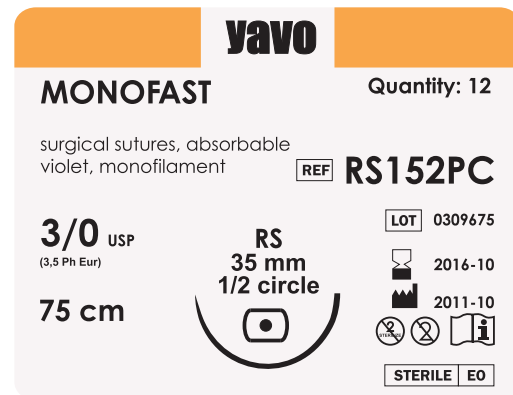
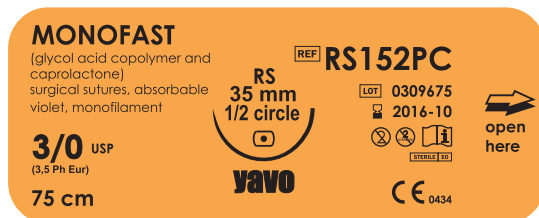
LIGATURES

threads length	color thread	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2
2 x 70 cm	violet				P111PL	P114PL	P88PL	P66PL	P67PL	P89PL
2 x 75 cm	violet					P45PL	P46PL	P47PL	P48PL	P75PL
3 x 45 cm	violet			P90PL	P50PL	P01PL	P02PL	P03PL	P04PL	P53PL
3 x 75 cm	violet					P15PL	P16PL	P17PL	P18PL	P19PL
5 x 70 cm	violet					P68PL	P56PL	P57PL	P58PL	
6 x 45 cm	violet				P49PL	P05PL	P06PL	P07PL	P08PL	P09PL
6 x 75 cm	violet					P20PL	P21PL	P22PL	P23PL	P24PL
6 x 75 cm	undyed					P74PL				
7 x 75 cm	violet				P92PL	P51PL	P85PL	P91PL		
10 x 45 cm	violet				P65PL	P64PL	P63PL	P62PL	P61PL	
12 x 45 cm	violet				P44PL	P10PL	P11PL	P12PL	P13PL	P14PL
12 x 45 cm	undyed					P73PL				
75 cm	violet				P101PL	P60PL	P59PL	P82PL	P83PL	P84PL
120 cm	violet				P81PL	P76PL	P77PL	P78PL	P79PL	P80PL
140 cm	violet				P98PL	P99PL	P100PL	P93PL	P94PL	P95PL
150 cm	violet			P29PL	P30PL	P31PL	P32PL	P33PL	P34PL	P35PL
150 cm in reel	violet				Pr30PL	Pr31PL	Pr32PL	Pr33PL	Pr34PL	Pr35PL
250 cm	violet				P96PL	P36PL	P37PL	P38PL	P39PL	P40PL
250 cm in reel	violet				Pr96PL	Pr36PL	Pr37PL	Pr38PL	Pr39PL	Pr40PL
300 cm	violet						P113PL	P115PL	P116PL	P117PL
300 cm in reel	violet					Pr112PL		Pr115PL	Pr116PL	Pr117PL

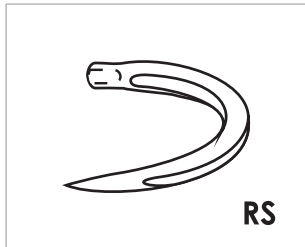
notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.

MONOFAST



Thread	Glycol acid copolymer and caprolactone
Build	Monofilament
Breaking Strength Retention/absorbtion	<p>About 70% after 7 days from implantation About 40% after 14 days from implantation About 15% after 21 days from implantation About 5% after 28 days from implantation</p> <p>Complete absorption after 90-120 days</p>
Indications	<p>Soft tissues Paediatric surgery General surgery Plastic surgery Gynaecology/obstetrics Urology Orthopaedics Gastrology</p>
Features	<p>Uniform structure High initial tensile strength High tensility</p>
Sterility	Ethylene Oxide
Characteristic	<p>Synthetic thread Thread may be natural (beige) or violet</p>
Size	USP: 6/0-2
















MONOFAST (glycol acid copolymer and caprolactone)

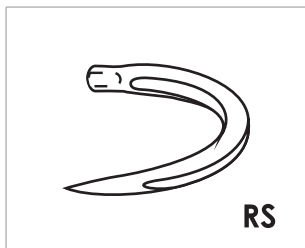
surgical sutures, absorbable from 90-120 days, monofilament



round needle

needles		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1	
length	curvature									
17 mm	3/8		75 violet			RS03PC				
24 mm	3/8		75 violet			RS13PC	RS14PC	RS15PC		
30 mm	3/8		75 violet				RS246PC		RS205PC	
31 mm	3/8		75 violet					RS86PC		
13 mm	1/2		45 violet	RS01PC	RS02PC					
			75 undyed	RS184PC						
15 mm	1/2		45 violet		RS161PC					
17 mm	1/2		75 violet	RS04PC	RS05PC	RS06PC	RS07PC			
			75 undyed		RS95PC	RS96PC	RS87PC			
17 mm	1/2		75 violet			RS08PC	RS09PC			
			90 violet		RS85PC	RS106PC	RS179PC			
17 mm thin	1/2		75 violet			RS208PC				
20 mm	1/2		45 violet		RS159PC					
			75 violet			RS113PC	RS112PC	RS206PC		
			75 undyed			RS215PC				
22 mm	1/2		45 violet	RS220PC	RS221PC		RS158PC			
			75 violet			RS10PC	RS11PC	RS12PC	RS155PC	
22 mm thin	1/2		75 violet				RS207PC			
22 mm	1/2		90 violet			RS72PC	RS100PC			

notes











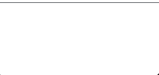


MONOFAST (glycol acid copolymer and caprolactone)

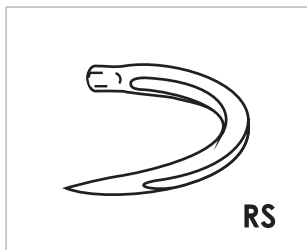
surgical sutures, absorbable from 90-120 days,
monofilament



round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
26 mm	1/2		75 violet		RS16PC	RS17PC	RS18PC	RS19PC	RS20PC
		75 undyed		RS186PC	RS185PC	RS222PC	RS223PC		
		90 violet			RS203PC	RS204PC			
		4x45 violet			RS230PC				
26 mm thin	1/2		75 violet	RS123PC	RS124PC	RS125PC			
26 mm heavy	1/2		75 violet			RS166PC	RS247PC	RS181PC	
			90 violet					RS132PC	
30 mm	1/2		75 violet		RS21PC	RS22PC	RS23PC	RS24PC	
			90 violet		RS25PC	RS26PC	RS27PC	RS28PC	
35 mm	1/2		75 violet		RS152PC	RS153PC	RS154PC	RS144PC	RS178PC
37 mm	1/2		75 violet		RS148PC	RS33PC	RS34PC	RS35PC	
			75 undyed					RS224PC	
			90 violet		RS238PC	RS36PC	RS37PC	RS38PC	
37 mm heavy	1/2		90 violet			RS134PC		RS248PC	
40 mm	1/2		75 violet		RS40PC	RS41PC	RS42PC	RS43PC	RS79PC
			90 violet		RS44PC	RS45PC	RS46PC	RS47PC	RS198PC
			90 undyed		RS239PC				
40 mm heavy	1/2		75 violet				RS237PC	RS128PC	
			90 violet				RS129PC	RS136PC	
40 mm	1/2	 loop	150 violet				RS48PC	RS49PC	
40 mm heavy	1/2	 loop	150 violet				RS228PC	RS216PC	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



MONOFAST (glycol acid copolymer and caprolactone)

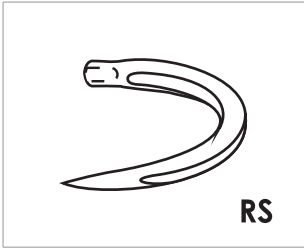
surgical sutures, absorbable from 90-120 days, monofilament



round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
45 mm	1/2	75 violet						RS150PC	
		90 violet					RS51PC	RS52PC	
45 mm heavy	1/2	90 violet					RS194PC	RS102PC	
48 mm	1/2	75 violet				RS53PC	RS54PC	RS55PC	RS56PC
		90 violet				RS98PC	RS118PC	RS69PC	RS193PC
48 mm	1/2	150 violet					RS64PC	RS57PC	
48 mm heavy	1/2	75 violet							RS130PC
		90 violet					RS210PC	RS137PC	RS211PC
60 mm	1/2	75 violet				RS172PC			
65 mm	1/2	75 violet				RS78PC		RS225PC	
		90 violet							RS213PC
65 mm heavy	1/2	90 violet				RS135PC		RS168PC	
75 mm	1/2	75 violet							RS249PC
76 mm heavy	1/2	90 violet					RS167PC		

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



MONOFAST (glycol acid copolymer and caprolactone)

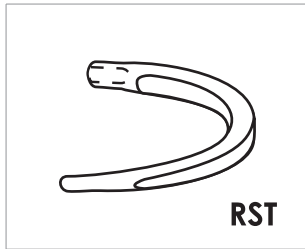
surgical sutures, absorbable from 90-120 days, monofilament



round needle

needles		thread							
length	curvature		5/0	4/0	3/0	2/0	0	1	2
		length (cm) color							
27 mm	5/8		75 violet			RS201PC	RS231PC	RS117PC	
			75 undyed			RS202PC			
37 mm	5/8		90 violet				RS212PC	RS39PC	
65 mm	straight		75 violet					RS227PC	

notes






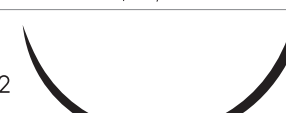


MONOFAST (glycol acid copolymer and caprolactone)

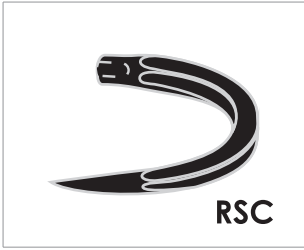
surgical sutures, absorbable from 90-120 days, monofilament



round blunt needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
63 mm	3/8 	90 violet						RST01PC	
40 mm	1/2 	90 violet					RST06PC	RST07PC	
48 mm	1/2 	90 violet						RST08PC	
48 mm heavy	1/2 	90 violet						RST10PC	
65 mm heavy	1/2 	90 violet						RST14PC	
65 mm	1/2 	75 violet						RST15PC	
		90 violet						RST16PC	

notes



MONOFAST (glycol acid copolymer and caprolactone)

surgical sutures, absorbable from 90-120 days, monofilament



round black needle

needles			thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature									
17 mm	1/2		75 violet		RSC01PC					
22 mm	1/2		75 violet			RSC02PC	RSC03PC			
26 mm	1/2		90 violet			RSC04PC				

notes



MONOFAST (glycol acid copolymer and caprolactone)

surgical sutures, absorbable from 90-120 days,
monofilament



cutting needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
16 mm	3/8		45 violet	DK05PC	DK02PC					
24 mm	3/8		75 violet				DK06PC			
24 mm cosmetic	3/8		75 violet		DK10PC	DK11PC				
30 mm	3/8		75 violet				DK04PC			
19 mm	1/2		75 violet			DK12PC				
22 mm	1/2		45 violet		DK09PC	DK08PC				
30 mm	1/2		75 violet				DK07PC			
50 mm	straight		75 violet				DG07PC			
51 mm	straight		75 undyed			DG09PC				
60 mm	straight		75 violet		DG06PC	DG03PC	DG04PC			
			75 undyed			DG08PC				

notes



MONOFAST (glycol acid copolymer and caprolactone)

surgical sutures, absorbable from 90-120 days,
monofilament



reverse cutting needle

needles			thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
length	curvature									
11 mm cosmetic	3/8		45 violet	DKO01PC						
13 mm	3/8		45 violet	DKO41PC	DKO43PC	DKO54PC				
			45 undyed			DKO56PC				
13 mm cosmetic	3/8		45 violet	DKO02PC	DKO03PC	DKO04PC				
			45 undyed		DKO81PC	DKO92PC				
16 mm	3/8		45 violet		DKO07PC	DKO08PC	DKO09PC			
			45 undyed		DKO69PC	DKO68PC				
16 mm cosmetic	3/8		45 violet		DKO05PC	DKO06PC				
			45 undyed		DKO74PC	DKO55PC				
19 mm	3/8		45 violet		DKO12PC	DKO13PC	DKO14PC			
			45 undyed			DKO82PC	DKO67PC			
			75 violet		DKO15PC	DKO16PC	DKO17PC			
			75 undyed			DKO65PC	DKO64PC			
19 mm cosmetic	3/8		45 violet			DKO10PC	DKO11PC			
			45 undyed			DKO61PC	DKO60PC			
			75 violet				DKO42PC			
			75 undyed				DKO76PC			
24 mm	3/8		45 violet				DKO50PC			
			75 violet			DKO18PC	DKO19PC	DKO20PC		
24 mm cosmetic	3/8		45 violet				DKO94PC			
			75 violet			DKO44PC				

notes



MONOFAST (glycol acid copolymer and caprolactone)

surgical sutures, absorbable from 90-120 days,
monofilament



reverse cutting needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
26 mm	3/8		75 violet			DKO23PC	DKO24PC		
			75 undyed			DKO66PC			
26 mm cosmetic	3/8		75 violet			DKO21PC	DKO22PC		
			75 undyed			DKO73PC			
30 mm	3/8		75 violet			DKO70PC	DKO35PC	DKO36PC	
17 mm	1/2		45 violet		DKO84PC				
			70 violet	DKO85PC		DKO83PC			
26 mm	1/2		75 violet		DKO48PC		DKO25PC		
37 mm	1/2		75 violet				DKO75PC	DKO31PC	
			75 undyed				DKO79PC		
40 mm	1/2		75 violet				DKO28PC		DKO29PC
			90 violet						DKO49PC
48 mm	1/2		90 violet					DKO72PC	DKO33PC
									DKO38PC
50 mm	straight		75 violet				DG10PC		
60 mm	straight		75 violet			DG01PC	DG02PC		
			75 undyed		DG13PC	DG12PC	DG11PC		

notes



MONOFAST (glycol acid copolymer and caprolactone)

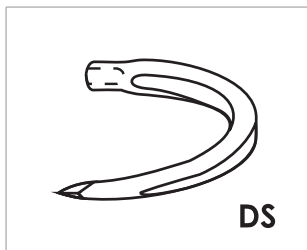
surgical sutures, absorbable from 90-120 days,
monofilament



**cosmetic reverse cutting needle
with a precise blade (micro point)**

needles			thread length (cm) color							
length	curvature			7/0	6/0	5/0	4/0	3/0	2/0	0
11 mm	3/8		45 undyed		ES09PC					
13 mm	3/8		45 undyed		ES11PC	ES10PC				
16 mm	3/8		45 violet			ES02PC				
			75 violet				ES07PC			
19 mm	3/8		45 violet				ES01PC			
			45 undyed			ES08PC	ES13PC	ES12PC		
			75 violet					ES03PC		
24 mm	3/8		75 violet					ES04PC		
26 mm	3/8		45 violet					ES05PC		
			75 violet						ES06PC	

notes



MONOFAST (glycol acid copolymer and caprolactone)

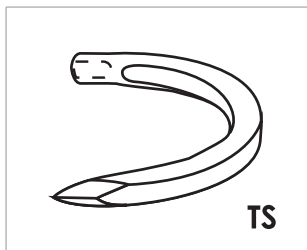
surgical sutures, absorbable from 90-120 days, monofilament



round needle with a cutting edge (sharpened)

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
24 mm	3/8		75 violet			DS15PC				
26 mm	1/2		75 violet			DS02PC	DS03PC			
37 mm	1/2		90 violet				DS22PC	DS24PC	DS25PC	
40 mm	1/2		75 violet				DS28PC	DS10PC	DS09PC	
			90 violet					DS19PC	DS21PC	
48 mm	1/2		90 violet						DS27PC	
48 mm	1/2		150 violet						DS07PC	

notes



MONOFAST (glycol acid copolymer and caprolactone)

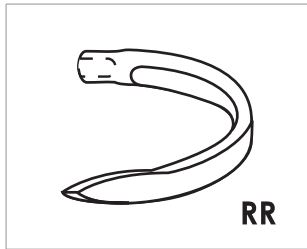
surgical sutures, absorbable from 90-120 days, monofilament



round needle with a trocar edge

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2		75 violet			TS01PC	TS02PC			
			90 violet			TS03PC	TS04PC			
25 mm	1/2		75 violet			TS05PC	TS06PC	TS07PC	TS08PC	
			90 violet				TS09PC	TS10PC	TS11PC	
30 mm	1/2		75 violet					TS12PC	TS13PC	
			90 violet					TS14PC	TS15PC	
36 mm	1/2		75 violet					TS16PC	TS17PC	TS18PC
			90 violet					TS19PC	TS20PC	TS21PC
40 mm	1/2		75 violet					TS22PC	TS23PC	TS24PC
			90 violet					TS25PC	TS26PC	TS27PC

notes



MONOFAST (glycol acid copolymer and caprolactone)

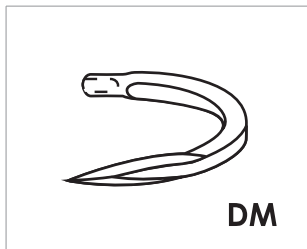
surgical sutures, absorbable from 90-120 days, monofilament



round separating needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2		75 violet			RR01PC				
26 mm	1/2		75 violet			RR02PC	RR03PC			

notes



reverse cutting P needle blade

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
13 mm	3/8		45 violet	DM10PC						
			45 undyed	DM09PC	DM06PC	DM05PC				
16 mm	3/8		45 violet		DM02PC	DM07PC				
			45 undyed			DM08PC				
			75 violet		DM01PC	DM03PC				
19 mm	3/8		45 undyed			DM04PC				

notes

MONOFAST (glycol acid copolymer and caprolactone)

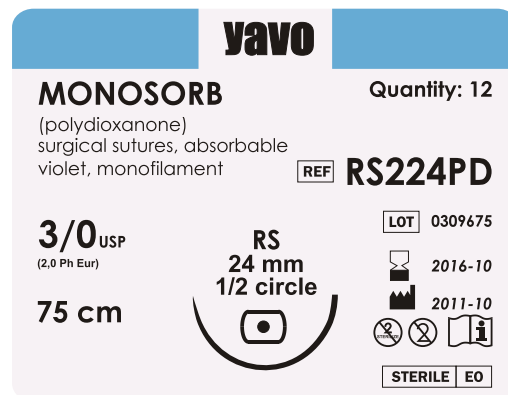
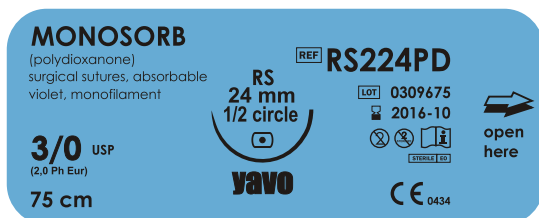
surgical sutures, absorbable from 90-120 days,
monofilament

LIGATURES

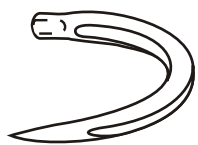
threads length	color thread	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2
3 x 45 cm	violet				P07PC	P08PC	P09PC	P10PC	P11PC	P12PC
6 x 45 cm	violet				P56PC	P57PC	P52PC	P53PC	P59PC	
75 cm	violet				P54PC	P60PC	P61PC	P65PC	P64PC	P69PC
140 cm	violet				P51PC	P36PC	P37PC	P38PC	P39PC	P40PC
150 cm	violet				P41PC	P42PC	P43PC	P44PC	P45PC	P46PC
250 cm	violet					P72PC	P47PC	P48PC	P49PC	P50PC

notes

MONOSORB



Thread	Polydioxanone
Build	Monofilament
Breaking Strength Retention/absorbtion	<p>For the sizes of 4/0 and smaller: About 75% after 14 days from implantation About 65% after 28 days from implantation About 55% after 43 days from implantation About 40% after 57 days from implantation</p> <p>For the sizes of 3/0 and bigger: About 75% after 14 days from implantation About 70% after 28 days from implantation About 60% after 43 days from implantation About 40% after 57 days from implantation</p> <p>Complete absorption after 180-210 days</p>
Indications	General surgery Plastic surgery Urology Orthopaedics Gynaecology/obstetrics Paediatric cardiac surgery Fascial and peritoneum surgery Dental surgery Neurosurgery Ophthalmology
Features	Uniform structure High initial tensile strength High tensility
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread violet
Size	USP: 7/0 - 2
















RS

MONOSORB (polydioxanone)

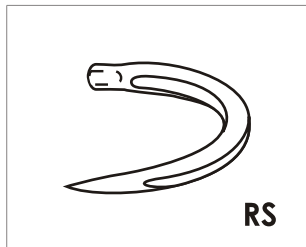
surgical sutures, absorbable from 180-210 days, monofilament



round needle

length	needles		thread length (cm) color	7/0	6/0	5/0	4/0	3/0	2/0	0
	curvature	diameter								
9 mm	3/8		75 violet	RS02PD	RS272PD					
9 mm thin	3/8		45 violet	RS197PD						
11 mm	3/8		45 violet	RS214PD	RS03PD					
13 mm	3/8	320 µm 	45 violet			RS04PD				
			75 violet		RS181PD	RS05PD	RS182PD			
13 mm thin	3/8		75 violet			RS190PD				
13 mm	3/8		45 violet	RS281PD	RS253PD					
			75 violet		RS135PD	RS134PD				
16 mm	3/8		45 violet			RS199PD	RS128PD			
			75 violet		RS12PD	RS13PD	RS14PD			
17 mm	3/8		75 violet		RS244PD	RS324PD	RS282PD			
10 mm	1/2		75 violet		RS195PD					
13 mm	1/2		45 violet		RS06PD	RS07PD	RS08PD			
			75 violet		RS206PD	RS108PD	RS110PD			
13 mm	1/2		45 violet	RS10PD	RS11PD					
			75 violet		RS207PD	RS09PD				
17 mm	1/2		70 violet				RS261PD			
			75 violet		RS298PD	RS17PD	RS18PD	RS105PD	RS109PD	
			90 violet				RS196PD			
17 mm	1/2		75 violet			RS19PD	RS308PD			
			90 violet			RS98PD	RS97PD		RS143PD	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



MONOSORB (polydioxanone)

surgical sutures, absorbable from 180-210 days,
monofilament

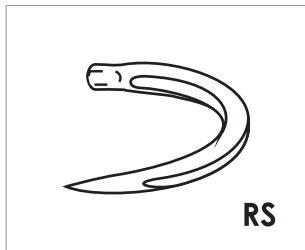


round needle

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
20 mm	1/2		75 violet		RS20PD	RS21PD	RS22PD	RS106PD		
			90 violet		RS23PD	RS24PD	RS25PD			
20 mm thin	1/2		75 violet		RS269PD	RS171PD	RS192PD	RS193PD		
20 mm	1/2		75 violet			RS198PD				
			90 violet			RS237PD				
22 mm	1/2		75 violet		RS238PD	RS220PD	RS26PD	RS27PD		
			90 violet				RS28PD	RS29PD		
22 mm heavy	1/2		75 violet			RS322PD	RS284PD	RS285PD		
22 mm	1/2		75 violet				RS301PD			
			90 violet			RS325PD				
25 mm	1/2		75 violet			RS30PD	RS31PD	RS32PD	RS33PD	
			90 violet			RS34PD	RS35PD	RS36PD	RS37PD	RS38PD
26 mm	1/2		75 violet			RS39PD	RS40PD	RS41PD	RS122PD	
			90 violet			RS42PD	RS43PD	RS44PD		
26 mm heavy	1/2		75 violet				RS185PD	RS286PD	RS120PD	RS254PD
26 mm thin	1/2		75 violet			RS174PD	RS173PD	RS175PD	RS270PD	
26 mm	1/2									
			90 violet			RS208PD	RS119PD	RS209PD		
30 mm	1/2		75 violet			RS49PD	RS50PD	RS51PD	RS52PD	RS53PD
			90 violet				RS216PD	RS273PD		

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



MONOSORB (polydioxanone)

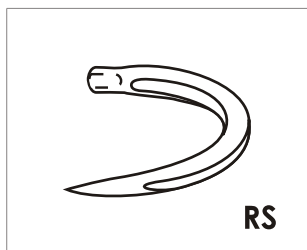
surgical sutures, absorbable from 180-210 days,
monofilament



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	1/2	75 violet			RS318PD	RS245PD			
		90 violet			RS59PD				
35 mm	1/2	75 violet					RS204PD	RS184PD	
		90 violet					RS239PD	RS240PD	
37 mm	1/2	75 violet			RS180PD	RS61PD	RS62PD	RS63PD	RS96PD
		90 violet					RS111PD	RS112PD	
		150 violet					RS255PD		
37 mm heavy	1/2	75 violet				RS290PD			
		90 violet				RS267PD	RS212PD	RS107PD	
40 mm	1/2	75 violet			RS69PD	RS70PD	RS71PD	RS72PD	RS73PD
		90 violet			RS64PD	RS65PD	RS66PD	RS67PD	RS68PD
		150 violet						RS176PD	
40 mm heavy	1/2	70 violet				RS310PD	RS123PD	RS124PD	RS264PD
		90 violet					RS266PD	RS167PD	RS125PD
40 mm	1/2	150 violet					RS75PD	RS76PD	RS241PD
		240 violet						RS213PD	RS402PD
40 mm heavy	1/2	150 violet					RS153PD	RS141PD	
45 mm	1/2	90 violet					RS77PD	RS78PD	
45 mm heavy	1/2	90 violet					RS186PD	RS164PD	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



MONOSORB (polydioxanone)

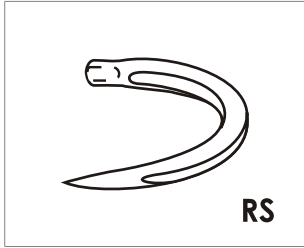
surgical sutures, absorbable from 180-210 days, monofilament



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
48 mm	1/2	90 violet					RS79PD	RS80PD	RS81PD
		150 violet					RS217PD	RS178PD	
48 mm heavy	1/2	90 violet					RS316PD	RS317PD	RS307PD
48 mm	1/2	150 violet					RS82PD	RS83PD	RS223PD
		loop							
48 mm heavy	1/2	150 violet					RS183PD	RS155PD	
50 mm	1/2	90 violet				RS86PD	RS87PD	RS88PD	RS89PD
		150 violet					RS228PD	RS229PD	
50 mm heavy	1/2	90 violet						RS126PD	RS215PD
60 mm	1/2	240 violet							RS252PD
		loop							
65 mm	1/2	75 violet						RS233PD	
		90 violet							RS179PD
		100 violet						RS144PD	
65 mm	1/2	150 violet					RS161PD		
		240 violet					RS211PD	RS227PD	
		loop						RS94PD	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.

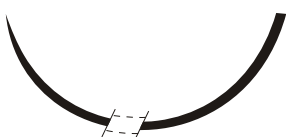









MONOSORB (polydioxanone)

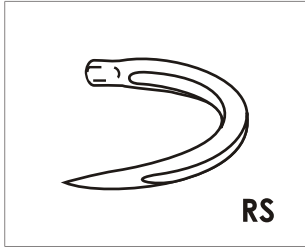
surgical sutures, absorbable from 180-210 days, monofilament



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
76 mm	1/2	 75 violet						RS95PD	
		 150 violet						RS132PD	
76 mm	1/2	 150 violet loop						RS328PD	
26 mm	5/8	 70 violet				RS166PD			
27 mm	5/8	 75 violet				RS294PD	RS48PD		
27 mm	5/8	 70 violet			RS293PD				
35 mm heavy	hook	 70 violet				RS291PD			
36 mm	hook	 70 violet				RS277PD			

notes


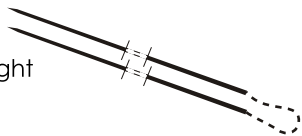
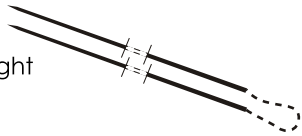
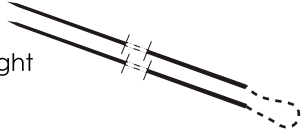


MONOSORB (polydioxanone)

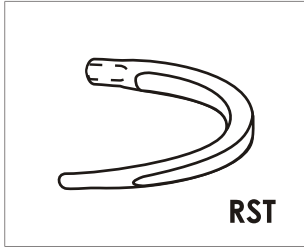
surgical sutures, absorbable from 180-210 days, monofilament



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
50 mm	straight 	75 violet			RG05PD				
60 mm	straight 	75 violet			RG03PD	RG04PD			
65 mm	straight 	75 violet			RG08PD	RG11PD	RG06PD		
70 mm	straight 	75 violet			RG07PD	RG10PD			

notes



MONOSORB (polydioxanone)

surgical sutures, absorbable from 180-210 days,
monofilament



round blunt needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	1/2		75 violet				RST01PD			
37 mm	1/2		75 violet					RST02PD		
			90 violet				RST12PD	RST03PD		
40 mm	1/2		75 violet						RST04PD	
			90 violet					RST05PD	RST06PD	
48 mm	1/2		150 violet					RST07PD		
50 mm	1/2		90 violet					RST09PD	RST10PD	
50 mm heavy	1/2		150 violet						RST11PD	

notes



MONOSORB (polydioxanone)

surgical sutures, absorbable from 180-210 days, monofilament



cutting needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
19 mm	3/8		45 violet		DK26PD	DK40PD				
			75 violet		DK21PD	DK42PD				
24 mm	3/8		75 violet		DK34PD	DK23PD	DK33PD			
26 mm	3/8		70 violet			DK45PD				
30 mm	3/8		75 violet			DK35PD	DK24PD			
16 mm	1/2		75 violet	DK36PD						
22 mm	1/2		45 violet			DK12PD				
			75 violet		DK37PD	DK11PD				
26 mm	1/2		75 violet				DK30PD			
40 mm	1/2		90 violet				DK50PD			
55 mm	straight		75 violet			DK47PD				
60 mm	straight		70 violet			DK28PD	DK29PD			

notes



MONOSORB (polydioxanone)

surgical sutures, absorbable from 180-210 days,
monofilament



reverse cutting needle

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
11 mm	3/8		45 violet	DKO47PD						
13 mm	3/8		45 violet	DKO83PD	DKO57PD					
16 mm	3/8		45 violet	DKO56PD	DKO07PD	DKO59PD				
			75 violet	DKO31PD	DKO06PD	DKO35PD	DKO76PD			
16 mm cosmetic	3/8		45 violet		DKO04PD	DKO05PD				
			75 violet		DKO02PD	DKO03PD				
19 mm	3/8		45 violet		DKO34PD	DKO13PD	DKO30PD			
			75 violet			DKO12PD	DKO32PD			
19 mm cosmetic	3/8		45 violet		DKO10PD	DKO11PD				
			75 violet		DKO08PD	DKO09PD				
24 mm	3/8		75 violet				DKO49PD	DKO39PD		
26 mm	3/8		45 violet			DKO79PD	DKO20PD	DKO21PD		
			75 violet				DKO18PD	DKO19PD		
			90 violet							DKO52PD
26 mm cosmetic	3/8		45 violet			DKO16PD	DKO17PD			
			75 violet			DKO14PD	DKO15PD	DKO78PD		
30 mm	3/8		75 violet				DKO75PD	DKO65PD		
35 mm	3/8		75 violet				DKO64PD	DKO22PD		
22 mm	1/2		45 violet				DKO71PD			
26 mm	1/2		75 violet				DKO40PD	DKO38PD	DKO58PD	
26 mm	1/2		75 violet				DKO80PD	DKO81PD		DKO73PD

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



MONOSORB (polydioxanone)

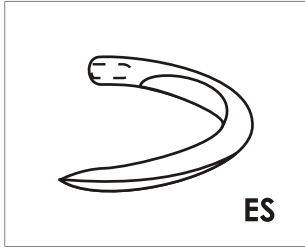
surgical sutures, absorbable from 180-210 days, monofilament



reverse cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
37 mm	1/2	75 violet			DKO66PD		DKO42PD	DKO41PD	DKO74PD
		90 violet						DKO60PD	
40 mm	1/2	90 violet				DKO55PD	DKO23PD	DKO24PD	DKO36PD
48 mm	1/2	90 violet						DKO25PD	
44 mm	straight	75 violet		DG10PD	DG01PD				
60 mm	straight	75 violet			DG03PD	DG04PD			
60 mm	straight	75 violet			DG07PD	DG08PD			

notes



MONOSORB (polydioxanone)

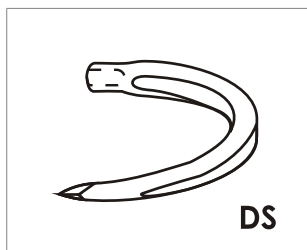
surgical sutures, absorbable from 180-210 days, monofilament



**cosmetic reverse cutting needle
with a precise blade (micro point)**

needles			thread length (cm) color								
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1	
13 mm	3/8		45 violet		ES13PD	ES14PD					
16 mm	3/8		45 violet	ES12PD	ES10PD	ES01PD					
19 mm	3/8		45 violet		ES11PD	ES02PD	ES03PD				
			75 violet			ES04PD					
24 mm	3/8		75 violet				ES05PD				
26 mm	3/8		45 violet				ES06PD	ES07PD			
			75 violet				ES08PD	ES09PD			

notes



MONOSORB (polydioxanone)

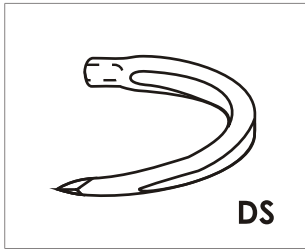
surgical sutures, absorbable from 180-210 days, monofilament



round needle with a cutting edge (sharpened)

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
17 mm	1/2		75 violet	DS53PD	DS56PD	DS54PD				
17 mm	1/2		45 violet	DS62PD						
			90 violet		DS61PD	DS65PD	DS60PD			
25 mm	1/2		90 violet					DS63PD		
26 mm	1/2		75 violet			DS42PD	DS35PD			
30 mm	1/2		75 violet			DS43PD	DS45PD	DS44PD		
35 mm	1/2		75 violet			DS16PD	DS17PD	DS18PD	DS46PD	
			90 violet			DS13PD	DS14PD	DS15PD	DS34PD	DS38PD
35 mm heavy	1/2		90 violet					DS83PD	DS52PD	
37 mm	1/2		90 violet					DS96PD		
37 mm heavy	1/2		90 violet					DS47PD	DS39PD	
40 mm	1/2		75 violet				DS21PD	DS22PD		
			90 violet				DS19PD	DS20PD	DS36PD	
40 mm heavy	1/2		240 violet						DS48PD	
40 mm	1/2		150 violet						DS67PD	
			240 violet					DS23PD	DS37PD	
45 mm	1/2		75 violet				DS24PD	DS25PD		
			90 violet				DS26PD	DS27PD	DS55PD	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



MONOSORB (polydioxanone)

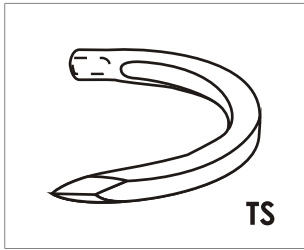
surgical sutures, absorbable from 180-210 days, monofilament



round needle with a cutting edge (sharpened)

length	needles curvature	thread length (cm) color							
			5/0	4/0	3/0	2/0	0	1	2
48 mm	1/2	90 violet							DS76PD
48 mm	1/2 loop	150 violet					DS86PD	DS71PD	DS93PD
50 mm	1/2	90 violet				DS28PD	DS29PD	DS72PD	DS97PD
31 mm	hook	75 violet				DS12PD	DS88PD		
31 mm heavy	hook	75 violet						DS91PD	

notes



MONOSORB (polydioxanone)

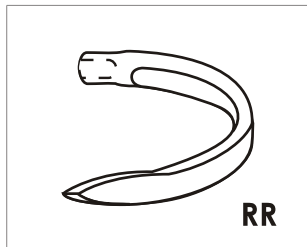
surgical sutures, absorbable from 180-210 days, monofilament



round needle with a trocar edge

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2	75 violet			TS01PD	TS02PD			
		90 violet			TS03PD	TS04PD			
25 mm	1/2	75 violet			TS05PD	TS06PD	TS07PD	TS08PD	
		90 violet				TS09PD	TS10PD	TS11PD	
30 mm	1/2	75 violet					TS12PD	TS13PD	
		90 violet					TS14PD	TS15PD	
36 mm	1/2	75 violet					TS16PD	TS17PD	TS18PD
		90 violet					TS19PD	TS20PD	TS21PD
37 mm	1/2	90 violet						TS31PD	
37 mm heavy	1/2	75 violet					TS33PD	TS28PD	
40 mm	1/2	75 violet					TS22PD	TS23PD	TS24PD
		90 violet					TS25PD	TS26PD	TS27PD
40 mm heavy	1/2	75 violet					TS29PD	TS30PD	
45 mm	1/2	90 violet					TS34PD		
48 mm	1/2	90 violet						TS35PD	

notes






MONOSORB (polydioxanone)

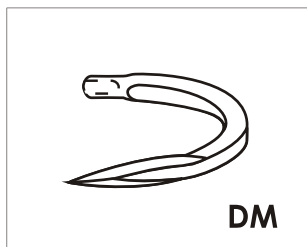
surgical sutures, absorbable from 180-210 days, monofilament






round separating needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2		75 violet			RR01PD	RR02PD			
			90 violet			RR03PD	RR04PD			
25 mm	1/2		75 violet			RR05PD				
26 mm	1/2		70 violet			RR06PD				

notes



reverse cutting P needle blade

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
13 mm	3/8		45 violet	DM05PD	DM06PD					
16 mm	3/8		45 violet	DM02PD	DM04PD					
			75 violet	DM01PD						
19 mm	3/8		45 violet		DM03PD	DM07PD				

notes

MONOSORB (polydioxanone)

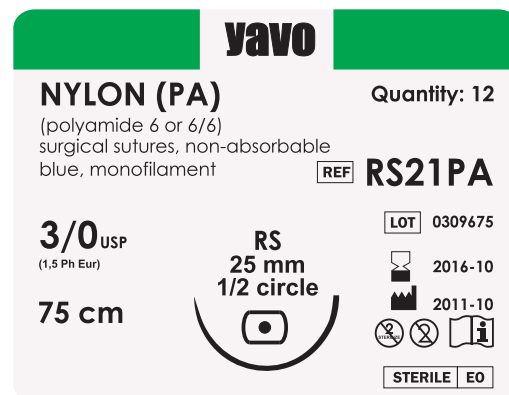
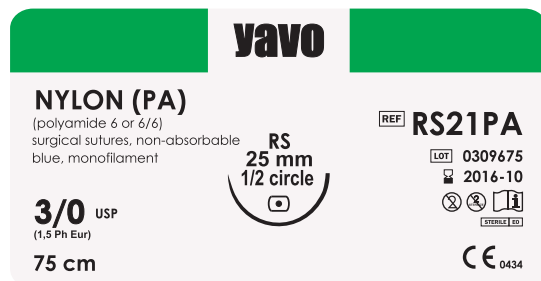
surgical sutures, absorbable from 180-210 days,
monofilament

LIGATURES

threads length	color thread	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2
2 x 75 cm	violet					P16PD	P17PD	P18PD	P19PD	P20PD
3 x 45 cm	violet				P07PD	P08PD	P09PD	P10PD	P11PD	P12PD
140 cm	violet				P51PD	P36PD	P37PD	P38PD	P39PD	P40PD
150 cm	violet				P41PD	P42PD	P43PD	P44PD	P45PD	P46PD

notes

NYLON



Thread	Polyamide 6 or 6/6
Build	Monofilament
Indications	Soft tissues intracuticular and cuticular suture Tying of blood vessels General surgery Paediatric surgery Plastic surgery Vessel surgery Urology Ophthalmolgy
Features	Uniform structure with smooth surface Flexible and elastic tightening of knots Very good bindings properties High durability of knot Tensile strength
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be blue or black
Size	USP: 10/0 - 2
























NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



spatula (lanced needle)

needles		thread		10/0	9/0	8/0	7/0	6/0	5/0	4/0
length	curvature	diameter	length (cm) color							
6 mm	3/8	150 µm	 7 black	LZ63PA						
			 15 black	LZ55PA						
			 20 black	LZ37PA						
6 mm micropoint	3/8		 30 black	LZ60PA						
6 mm micropoint	3/8	150 µm	 30 black	LZ52PA	LZ54PA					
6 mm	3/8	150 µm	 30 black	LZ10PA	LZ11PA					
6 mm	3/8	200 µm	 30 black	LZ12PA	LZ13PA	LZ26PA	LZ76PA			
			 45 black			LZ57PA				
6 mm	3/8	200 µm	 30 black	LZ14PA	LZ15PA					
			 45 black	LZ61PA						
6,19 mm	3/8	150 µm	 30 black	LZ49PA	LZ56PA					
6,19 mm	3/8	200 µm	 30 black	LZ18PA	LZ19PA					
6,19 mm	3/8	200 µm	 30 black	LZ20PA	LZ21PA					
6,2 mm	3/8		 30 black	LZ30PA	LZ31PA					
6,2 mm micropoint	3/8	200 µm	 30 black	LZ78PA						
6,4 mm	3/8		 30 black			LZ41PA				
6,4 mm	3/8	200 µm	 30 black	LZ22PA	LZ23PA	LZ24PA				
6,5 mm	3/8	150 µm	 30 black		LZ67PA					
6,5 mm	3/8	220 µm	 30 black	LZ35PA	LZ36PA					
6,5 mm micropoint	3/8	220 µm	 30 black	LZ64PA	LZ65PA					
			 45 black	LZ79PA						

notes



NYLON (polyamide)

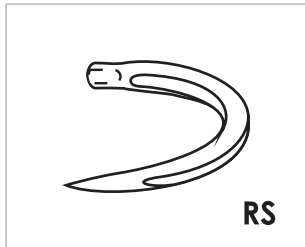
surgical sutures, non-absorbable, monofilament



spatula (lanced needle)

length	needles curvature	diameter		thread length (cm) color	10/0	9/0	8/0	7/0	6/0	5/0	4/0
6,5 mm micropoint	3/8	150 µm		30 black	LZ69PA						
				45 black			LZ77PA				
8 mm	3/8			30 black					LZ40PA		
5,5 mm	1/2			30 black	LZ28PA						
5,5 mm micropoint	1/2	150 µm		30 black	LZ53PA						
5,6 mm	1/2	150 µm		20 black	LZ03PA	LZ04PA					
5,6 mm	1/2	150 µm		30 black	LZ06PA	LZ07PA	LZ08PA				
6 mm	1/2	150 µm		15 black	LZ33PA						
				30 black	LZ16PA		LZ59PA				
6 mm	1/2	150 µm		30 black	LZ17PA		LZ39PA				
6 mm micropoint	1/2			30 black			LZ70PA				
6,5 mm micropoint	1/2	220 µm		30 black	LZ74PA						
8 mm	1/4	280 µm		45 blue						LZ75PA	

notes



NYLON (polyamide)

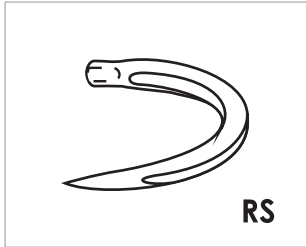
surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature		thread length (cm) color	10/0	9/0	8/0	7/0	6/0	5/0	4/0
4 mm	3/8		13 black	RS115PA	RS248PA					
			15 black	RS77PA						
5 mm	3/8		13 black	RS212PA	RS214PA	RS224PA				
			15 black	RS130PA						
			45 black	RS200PA						
6,4 mm	3/8		13 black			RS245PA				
			15 black		RS02PA	RS03PA				
6,4 mm	3/8		45 black	RS89PA	RS04PA	RS05PA				
8 mm	3/8		60 blue				RS182PA			
9,5 mm	3/8		75 blue				RS08PA	RS09PA		
10 mm	3/8		45 blue			RS201PA		RS10PA		
11 mm	3/8		60 blue				RS106PA			
12 mm	3/8		45 blue					RS11PA	RS12PA	
12 mm	3/8		45 blue					RS79PA		
13 mm	3/8		60 blue					RS13PA		
			75 blue				RS158PA	RS159PA	RS184PA	RS185PA
18 mm	3/8		90 blue						RS160PA	

notes



NYLON (polyamide)

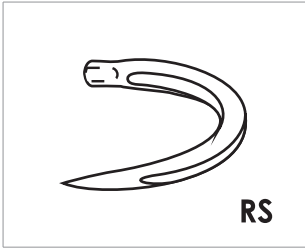
surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
19 mm	3/8		45 blue				RS156PA	RS126PA	RS228PA	
22 mm	3/8		45 blue				RS194PA			
22 mm	3/8		90 blue					RS161PA		
24 mm	3/8		45 blue					RS204PA	RS121PA	
			75 blue					RS125PA	RS124PA	RS123PA

notes



NYLON (polyamide)

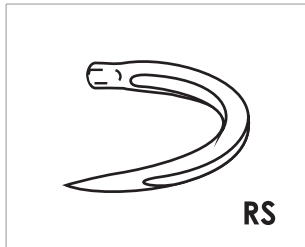
surgical sutures, non-absorbable, monofilament



round needle

needles			thread length (cm) color	10/0	9/0	8/0	7/0	6/0	5/0	4/0
length	curvature									
5 mm	1/2		13 black	RS231PA						
10 mm	1/2		75 blue				RS85PA			
12 mm	1/2		75 blue					RS83PA	RS84PA	
13 mm	1/2		75 blue						RS218PA	

notes



NYLON (polyamide)

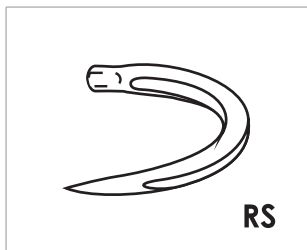
surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
16 mm	1/2		75 blue		RS230PA	RS82PA	RS227PA			
16 mm	1/2		75 blue	RS171PA		RS132PA				
			90 blue		RS14PA	RS15PA	RS205PA			
17 mm	1/2		75 blue				RS193PA			
20 mm	1/2		75 blue		RS16PA	RS17PA	RS18PA	RS19PA	RS20PA	
20 mm	1/2		90 blue			RS105PA				
22 mm	1/2		75 blue			RS236PA	RS237PA			
			90 blue			RS167PA	RS180PA	RS150PA		RS149PA
26 mm	1/2		75 blue				RS24PA	RS25PA	RS97PA	RS127PA
			90 blue						RS26PA	
26 mm	1/2		90 blue					RS113PA		
			120 blue					RS104PA		
30 mm	1/2		75 blue		RS107PA	RS155PA		RS32PA	RS33PA	RS34PA
			90 blue					RS35PA	RS142PA	RS143PA
			100 blue					RS36PA	RS37PA	RS38PA
30 mm heavy	1/2		75 blue					RS102PA		
30 mm	1/2		150 blue					RS223PA	RS153PA	
35 mm	1/2		150 blue							RS137PA
36 mm heavy	1/2		45 blue						RS170PA	RS169PA

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.












NYLON (polyamide)

surgical sutures, non-absorbable, monofilament

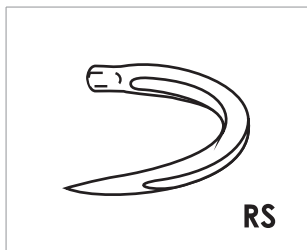


round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2	
length	curvature									
37 mm	1/2		75 blue			RS53PA	RS54PA	RS55PA	RS128PA	
		90 blue					RS56PA			
		100 blue					RS57PA	RS76PA		
40 mm	1/2		75 blue					RS60PA	RS61PA	
		90 blue							RS110PA	
		100 blue					RS63PA	RS64PA	RS65PA	
40 mm heavy	1/2		75 blue						RS221PA	
		100 blue					RS202PA			
40 mm	1/2		150 blue					RS139PA		
		200 blue					RS238PA			
40 mm heavy	1/2		150 blue					RS203PA		
48 mm	1/2		90 blue						RS108PA	
			100 blue					RS189PA	RS66PA	RS67PA
			200 blue						RS165PA	
			240 blue						RS186PA	
48 mm heavy	1/2		100 blue					RS247PA		
48 mm	1/2		150 blue					RS190PA	RS181PA	
			240 blue						RS188PA	
48 mm heavy	1/2		150 blue					RS88PA	RS103PA	
			200 blue						RS220PA	

notes

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NYLON (polyamide)

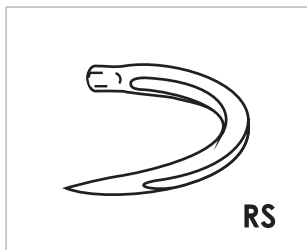
surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
50 mm	1/2	100 blue						RS68PA	RS234PA
		150 blue					RS69PA	RS70PA	
50 mm heavy	1/2	100 blue						RS196PA	
50 mm	1/2	150 blue						RS233PA	
		240 blue loop						RS114PA	
60 mm	1/2	75 blue 2 vinyl tubes 60 mm					RS242PA		
		90 blue						RS241PA	
65 mm	1/2	150 blue						RS71PA	RS72PA
65 mm	1/2	120 blue					RS222PA		
		150 blue							RS192PA
		240 blue loop					RS187PA		
76 mm	1/2	75 blue					RS100PA	RS73PA	
80 mm	1/2	100 blue						RS166PA	

notes



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
60 mm	straight	75 blue			RS148PA	RS91PA			
		90 blue				RS129PA	RS154PA		
60 mm	straight	90 blue				RS249PA			
65 mm	straight	90 blue				RS229PA			
70 mm	straight	75 blue				RS199PA			
70 mm	straight	75 blue				RS98PA			

notes



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



cutting needle

needles		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
length	curvature								
8 mm cosmetic	3/8	45 blue	DK130PA						
12 mm	3/8	45 blue	DK71PA	DK95PA	DK67PA	DK85PA	DK86PA		
		75 blue	DK170PA	DK127PA	DK68PA				
12 mm cosmetic	3/8	75 blue		DK173PA					
16 mm	3/8	45 blue	DK01PA	DK02PA	DK03PA	DK87PA	DK88PA		
		45 black	DK174PA						
		75 blue	DK04PA	DK05PA	DK06PA	DK128PA			
16 mm cosmetic	3/8	45 blue	DK07PA	DK08PA	DK168PA				
		75 blue	DK09PA	DK10PA					
19 mm	3/8	45 blue	DK123PA	DK11PA	DK12PA	DK13PA	DK89PA		
		75 blue		DK14PA	DK15PA	DK16PA	DK129PA		
		90 blue		DK17PA	DK18PA	DK19PA	DK20PA		
19 mm cosmetic	3/8	45 blue		DK132PA	DK107PA	DK92PA			
24 mm	3/8	45 blue		DK100PA	DK21PA	DK22PA	DK23PA		
		75 blue			DK24PA	DK25PA	DK26PA	DK79PA	
		90 blue			DK27PA	DK28PA	DK29PA	DK172PA	
24 mm cosmetic	3/8	75 blue				DK154PA	DK146PA		
26 mm	3/8	45 blue			DK30PA	DK31PA	DK32PA		
		75 blue			DK33PA	DK34PA	DK35PA	DK69PA	DK165PA
		90 blue			DK36PA	DK37PA	DK38PA	DK115PA	
26 mm cosmetic	3/8	45 blue				DK156PA			
		75 blue				DK114PA	DK112PA		

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.












NYLON (polyamide)

surgical sutures, non-absorbable, monofilament

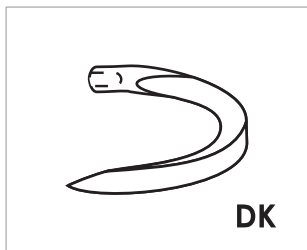


cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	3/8 	45 blue			DK135PA	DK39PA	DK40PA		
		75 blue			DK41PA	DK42PA	DK43PA	DK75PA	
		90 blue			DK72PA	DK73PA	DK74PA	DK145PA	
35 mm	3/8 	75 blue			DK133PA	DK103PA			
		90 blue			DK163PA	DK84PA	DK105PA		
36 mm cosmetic	3/8 	75 blue			DK113PA				
39 mm	3/8 	45 blue						DK158PA	
		75 blue		DK93PA	DK94PA	DK78PA	DK46PA	DK47PA	
		90 blue				DK122PA	DK137PA	DK142PA	DK157PA
40 mm	3/8 	45 blue				DK48PA	DK49PA		
		75 blue				DK50PA	DK51PA	DK101PA	
		90 blue				DK150PA			
40 mm heavy	3/8 	45 blue				DK121PA			
		75 blue				DK125PA			
48 mm	3/8 	100 blue				DK140PA			
60 mm	3/8 	100 blue				DK99PA	DK76PA		DK77PA
90 mm	3/8 	45 blue						DK124PA	
		75 blue					DK153PA		
		90 blue						DK59PA	DK60PA
		100 blue				DK61PA	DK62PA	DK63PA	DK64PA

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



cutting needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
90 mm	3/8 2 vinyl tubes 40mm	2x50 blue						DK155PA	
90 mm	3/8	75 blue						DK166PA	
20 mm	1/2	45 blue			DK181PA	DK182PA			
39 mm	1/2	75 blue				DK136PA	DK97PA		
		90 blue					DK44PA	DK45PA	
		45 blue					DK111PA		
		75 blue					DK110PA		
40 mm	1/2	90 blue						DK187PA	
		100 blue					DK54PA	DK180PA	
		150 blue						DK188PA	
48 mm	1/2	75 blue						DK57PA	
		100 blue						DK58PA	
90 mm	1/2	100 blue							DK65PA

notes



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
51 mm	straight	75 blue			DG030PA	DG031PA	DG032PA		
		90 blue				DG040PA			
55 mm	straight	75 blue				DG07PA			
		100 blue				DG08PA			
60 mm	straight	75 blue			DG020PA	DG018PA	DG029PA		
		90 blue				DG021PA	DG041PA		
60 mm	straight	90 blue					DG26PA		
75 mm	straight	75 blue				DG019PA	DG043PA		

notes



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



reverse cutting needle

needles			thread length (cm) color							
length	curvature			8/0	7/0	6/0	5/0	4/0	3/0	2/0
8 mm	3/8		45 blue	DKO01PA			DKO226PA	DKO244PA		
8 mm cosmetic	3/8		45 blue				DKO227PA			
			45 black				DKO379PA	DKO381PA		
11 mm	3/8		45 blue		DKO04PA	DKO05PA				
			45 black			DKO312PA				
			75 black				DKO206PA			
11 mm cosmetic	3/8		45 blue		DKO194PA	DKO235PA	DKO323PA			
12 mm	3/8		45 blue			DKO08PA	DKO09PA	DKO10PA	DKO327PA	
			75 blue			DKO11PA	DKO12PA	DKO13PA		
12 mm cosmetic	3/8		45 blue			DKO14PA	DKO15PA	DKO16PA		
			45 black			DKO318PA	DKO317PA			
			75 blue			DKO17PA	DKO18PA	DKO19PA		
13 mm	3/8		45 blue			DKO20PA	DKO21PA	DKO224PA		
			75 blue				DKO278PA			
13 mm	3/8		45 blue					DKO346PA		
13 mm cosmetic	3/8		45 blue			DKO213PA	DKO22PA	DKO251PA		
16 mm	3/8		45 blue			DKO23PA	DKO24PA	DKO25PA	DKO26PA	
			45 black				DKO361PA			
			75 blue			DKO27PA	DKO28PA	DKO29PA	DKO30PA	DKO220PA
16 mm cosmetic	3/8		45 blue			DKO31PA	DKO32PA	DKO33PA	DKO333PA	
			75 blue			DKO34PA	DKO35PA	DKO36PA		

notes



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



reverse cutting needle

needles			thread		6/0	5/0	4/0	3/0	2/0	0	1
length	curvature		length (cm)	color							
19 mm	3/8		45		DKO38PA	DKO39PA	DKO40PA	DKO41PA	DKO42PA	DKO358PA	
			45	black	DKO376PA	DKO360PA					
			75	blue		DKO43PA	DKO44PA	DKO45PA	DKO46PA	DKO331PA	
			75	black		DKO377PA					
			90	blue			DKO47PA	DKO48PA	DKO49PA		
19 mm cosmetic	3/8		45	blue		DKO50PA	DKO51PA	DKO52PA	DKO277PA		
			45	black		DKO316PA					
			75	blue	DKO53PA	DKO54PA	DKO55PA	DKO56PA			
22 mm	3/8		45	blue		DKO279PA	DKO321PA				
			75	blue			DKO276PA	DKO275PA	DKO263PA		
			90	blue				DKO192PA			
24 mm	3/8		45	blue	DKO234PA	DKO59PA	DKO60PA	DKO61PA	DKO62PA	DKO63PA	DKO301PA
			75	blue		DKO64PA	DKO65PA	DKO66PA	DKO67PA	DKO68PA	
			90	blue			DKO69PA	DKO70PA	DKO71PA		
24 mm cosmetic	3/8		45	blue		DKO236PA		DKO72PA	DKO73PA		
			75	blue				DKO74PA	DKO75PA		
26 mm	3/8		45	blue		DKO243PA	DKO189PA	DKO77PA	DKO78PA	DKO79PA	
			75	blue			DKO80PA	DKO81PA	DKO82PA	DKO83PA	DKO84PA
			90	blue			DKO285PA		DKO320PA	DKO292PA	
			100	blue							DKO85PA
26 mm cosmetic	3/8		45	blue			DKO382PA	DKO201PA	DKO294PA		
			75	blue			DKO282PA	DKO199PA	DKO200PA		

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



reverse cutting needle

needles		thread length (cm) color							
length	curvature		5/0	4/0	3/0	2/0	0	1	2
30 mm	3/8	45 blue	DKO373PA	DKO86PA	DKO87PA	DKO88PA	DKO190PA	DKO313PA	
		75 blue		DKO90PA	DKO91PA	DKO92PA	DKO93PA	DKO94PA	DKO215PA
		90 blue		DKO256PA	DKO95PA	DKO96PA	DKO97PA	DKO98PA	
35 mm	3/8	45 blue			DKO105PA				
		75 blue			DKO106PA	DKO107PA	DKO205PA	DKO265PA	
		90 blue			DKO108PA	DKO109PA	DKO203PA		
37 mm	3/8	45 blue			DKO110PA				
		75 blue			DKO289PA	DKO219PA	DKO111PA	DKO112PA	
		90 blue			DKO370PA			DKO113PA	
39 mm	3/8	45 blue			DKO126PA	DKO208PA			
		75 blue			DKO127PA	DKO128PA	DKO129PA	DKO130PA	DKO369PA
		90 blue			DKO131PA	DKO132PA	DKO133PA	DKO134PA	DKO135PA
		100 blue					DKO286PA		
40 mm	3/8	45 blue				DKO204PA	DKO139PA		
		75 blue			DKO290PA	DKO140PA	DKO141PA	DKO142PA	DKO143PA
		100 blue				DKO144PA	DKO145PA	DKO271PA	DKO191PA
40 mm heavy	3/8	75 blue			DKO384PA	DKO341PA		DKO303PA	
40 mm cosmetic	3/8	75 blue				DKO221PA			
45 mm	3/8	75 blue				DKO157PA		DKO268PA	
		90 blue				DKO158PA	DKO306PA		
		100 blue				DKO160PA	DKO267PA		
45 mm cosmetic	3/8	75 blue					DKO385PA		

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



reverse cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
48 mm	3/8	90 blue				DKO310PA		DKO272PA	DKO240PA
		100 blue				DKO319PA		DKO283PA	
60 mm	3/8	100 blue				DKO187PA	DKO171PA	DKO172PA	DKO173PA
77 mm	3/8	45 blue							DKO174PA
		75 blue						DKO264PA	DKO175PA
		90 blue						DKO375PA	
77 mm	3/8	75 blue						DKO238PA	DKO176PA
90 mm	3/8	2x50 blue						DKO326PA	
		75 blue							DKO269PA
		90 blue					DKO178PA		DKO179PA
		100 blue				DKO180PA	DKO181PA	DKO182PA	DKO183PA

notes



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



reverse cutting needle

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
8 mm	1/2		45 blue	DKO02PA			DKO228PA			
8 mm cosmetic	1/2		45 blue	DKO295PA						
16 mm	1/2		45 blue			DKO305PA	DKO366PA	DKO362PA	DKO367PA	
19 mm	1/2		45 blue					DKO262PA		
			90 blue					DKO186PA	DKO239PA	
22 mm	1/2		75 blue						DKO354PA	DKO355PA
			90 blue						DKO58PA	
24 mm	1/2		75 blue						DKO237PA	DKO241PA
			90 blue						DKO76PA	
25 mm	1/2		75 blue					DKO325PA		

notes



NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



reverse cutting needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
26 mm	1/2		75 blue				DKO252PA	DKO254PA		DKO247PA
30 mm	1/2		75 blue				DKO260PA	DKO99PA	DKO100PA	DKO101PA
			90 blue						DKO343PA	
37 mm	1/2		75 blue					DKO115PA	DKO116PA	DKO117PA
			90 blue					DKO118PA	DKO222PA	DKO119PA
			100 blue							DKO120PA
40 mm	1/2		75 blue						DKO149PA	DKO150PA
			90 blue						DKO233PA	DKO152PA
			100 blue						DKO154PA	DKO155PA
40 mm heavy	1/2		90 blue						DKO300PA	
48 mm	1/2		75 blue							DKO162PA
			90 blue							DKO163PA
			100 blue					DKO364PA	DKO322PA	DKO164PA
50 mm	1/2		75 blue							DKO165PA
			90 blue							DKO372PA
			100 blue							DKO166PA
60 mm	1/2		100 blue					DKO253PA	DKO344PA	

notes



NYLON (polyamide)

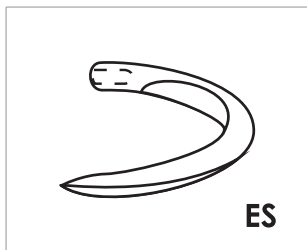
surgical sutures, non-absorbable, monofilament



reverse cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
45 mm	straight	75 blue			DG045PA				
51 mm	straight	90 blue		DG02PA	DG03PA	DG04PA	DG05PA	DG06PA	
55 mm	straight	100 blue				DG09PA			
60 mm	straight	75 blue		DG033PA	DG010PA	DG011PA			
		90 blue		DG044PA	DG012PA	DG013PA	DG014PA	DG015PA	
		100 blue				DG016PA	DG017PA		
60 mm	straight	75 blue		DG24PA	DG23PA	DG22PA			
		90 blue					DG042PA		
75 mm	straight	75 blue				DG039PA	DG028PA		

notes



NYLON (polyamide)

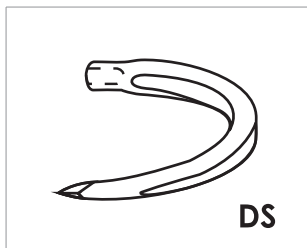
surgical sutures, non-absorbable, monofilament



**cosmetic reverse cutting needle
with a precise blade (micro point)**

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
13 mm	3/8		45 blue	ES23PA	ES13PA	ES29PA				
16 mm	3/8		45 blue	ES18PA	ES05PA	ES06PA	ES24PA			
			75 blue		ES19PA	ES25PA				
19 mm	3/8		45 blue		ES07PA	ES01PA	ES22PA			
			45 black		ES04PA					
			75 blue			ES08PA	ES09PA			
24 mm	3/8		75 blue			ES21PA	ES10PA	ES11PA		
26 mm	3/8		45 blue				ES03PA			
			75 blue				ES12PA	ES02PA		
30 mm	3/8		75 blue				ES32PA	ES14PA	ES27PA	
40 mm	3/8		75 blue					ES26PA		

notes



NYLON (polyamide)

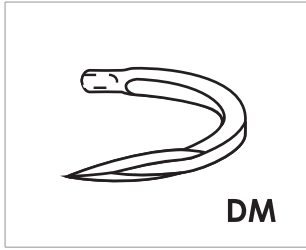
surgical sutures, non-absorbable, monofilament



round needle with a cutting edge (sharpened)

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
24 mm	3/8		75 blue		DS16PA	DS17PA	DS18PA			
26 mm	3/8		75 blue				DS09PA			
16 mm	1/2		90 blue	DS10PA						
26 mm	1/2		75 blue				DS13PA			
26 mm	1/2		90 blue			DS11PA				
30 mm	1/2		75 blue						DS21PA	
			90 blue				DS05PA		DS14PA	
40 mm	1/2		75 blue						DS07PA	DS22PA
			100 blue					DS06PA		
45 mm	1/2		100 blue					DS08PA		
			200 blue						DS04PA	
45 mm	1/2		200 blue						DS20PA	
45 mm heavy	1/2		200 blue						DS23PA	

notes







NYLON (polyamide)

surgical sutures, non-absorbable, monofilament



reverse cutting P needle blade

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
13 mm	3/8		75 blue		DM12PA					
16 mm	3/8		45 blue		DM10PA	DM01PA				
			45 black		DM09PA					
			75 blue		DM11PA	DM02PA	DM03PA			
19 mm	3/8		45 blue			DM04PA				
			75 blue			DM05PA	DM06PA			
24 mm	3/8		45 blue				DM08PA			
			75 blue			DM07PA				

notes

NYLON (polyamide)

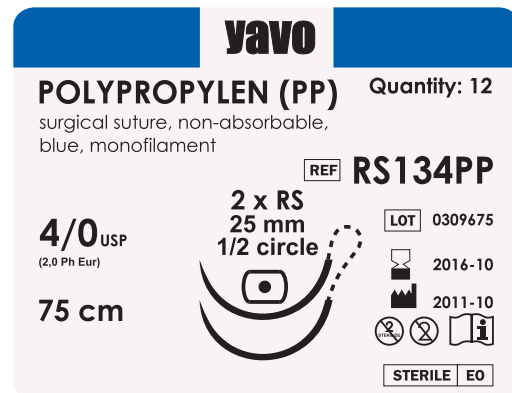
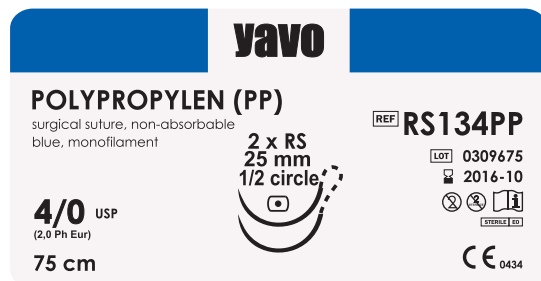
surgical sutures, non-absorbable, monofilament

LIGATURES

threads length	color thread	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2
2 x 75 cm	blue						P05PA		P06PA	
2 x 100 cm	blue					P011PA	P038PA	P012PA	P013PA	P014PA
3 x 45 cm	blue					P59PA	P49PA	P60PA		
6 x 45 cm	blue					P031PA	P032PA	P25PA	P028PA	P026PA
75 cm	blue								P03PA	P04PA
100 cm	blue						P07PA	P08PA	P09PA	P010PA
150 cm	blue					P016PA	P020PA	P017PA	P018PA	P019PA
150 cm in reel	blue							Pr017PA	Pr018PA	Pr019PA
180 cm	blue						P46PA	P45PA	P43PA	P44PA

notes

POLYPROPYLENE



Thread	Polypropylene
Build	Monofilament
Indications	Fascia and skin surgery General surgery Paediatric surgery Plastic surgery Vessel surgery Cardiac surgery Neurosurgery Ophthalmology Polypropylene mesh implementation
Features	Uniform structure with smooth surface Tensile strength
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be blue or black
Size	USP: 10/0 - 2



POLYPROPYLENE

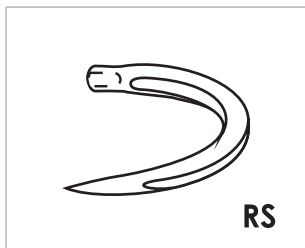
surgical sutures, non-absorbable, monofilament



spatula (lanced needle)

needles			thread		10/0	9/0	8/0	7/0	6/0	5/0	4/0
length	curvature	diameter	length (cm)	color							
6 mm	3/8		15 black	LZ28PP							
			23 black		LZ09PP						
			30 black	LZ01PP							
6 mm micropoint	3/8	220 µm	23 black		LZ25PP						
6 mm	3/8		30 black	LZ02PP	LZ03PP						
			30 blue	LZ29PP							
6 mm micropoint	3/8		30 black	LZ30PP							
6 mm micropoint	3/8		30 blue	LZ45PP							
6,2 mm	3/8		8 black		LZ16PP						
6,2 mm	3/8		30 black	LZ15PP				LZ08PP	LZ07PP		
6,5 mm micropoint	3/8		23 black	LZ27PP							
9 mm	3/8		30 blue					LZ17PP			
5,5 mm	1/2		30 black	LZ13PP							
16 mm	straight		23 black	LZ06PP							
			25 black	LZ10PP							
16 mm micropoint	straight		23 black	LZ23PP							
			23 blue	LZ26PP							
			25 black	LZ14PP							
16 mm	straight	150 µm	23 black	LZ24PP							

notes



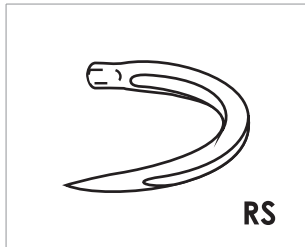
POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



round needle

length	needles		thread length (cm) color	10/0	9/0	8/0	7/0	6/0	5/0	4/0
	curvature	diameter								
4 mm	3/8		15 black	RS345PP						
5 mm	3/8		15 black	RS266PP	RS419PP					
5 mm	3/8		15 blue	RS555PP						
5 mm	3/8		30 black	RS361PP						
6 mm	3/8		60 blue		RS554PP					
6 mm	3/8		45 blue		RS556PP					
			30 black		RS362PP					
			45 blue			RS265PP				
			60 blue			RS344PP	RS451PP			
6 mm	3/8		60 blue			RS445PP				
6,5 mm	3/8		13 blue			RS349PP				
8 mm	3/8	140 µm	15 blue			RS219PP				
			60 blue			RS03PP	RS209PP	RS299PP		
8 mm	3/8		60 blue			RS05PP	RS06PP	RS284PP	RS437PP	
			75 blue		RS375PP	RS07PP	RS300PP			
9 mm	3/8		75 blue				RS210PP	RS431PP		
9 mm	3/8		45 blue			RS08PP	RS09PP	RS10PP		
			60 blue				RS11PP	RS12PP		
			75 blue			RS13PP	RS250PP	RS14PP		
9,3 mm	3/8	220 µm	45 blue					RS418PP		
			60 blue			RS15PP	RS206PP	RS249PP		
			75 blue				RS294PP			
10 mm	3/8	200 µm	60 blue			RS26PP	RS325PP	RS27PP		
			75 blue				RS226PP	RS220PP		
11 mm	3/8		13 blue				RS408PP			
			60 blue					RS303PP		
			75 blue				RS399PP			



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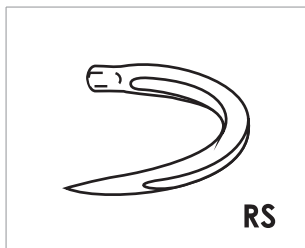
surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
12 mm	3/8		60 blue		RS252PP	RS31PP	RS32PP			
			75 blue			RS33PP	RS34PP	RS438PP		
12 mm	3/8		75 blue				RS279PP	RS396PP		
13 mm	3/8		45 blue		RS39PP	RS230PP				
			60 blue		RS308PP	RS307PP				
			75 blue		RS248PP	RS40PP	RS41PP	RS42PP		
			90 blue			RS247PP				
13 mm	3/8		60 blue		RS44PP	RS45PP	RS46PP			
			75 blue		RS47PP	RS48PP	RS49PP	RS50PP		
			90 blue			RS304PP	RS260PP			
17 mm	3/8		45 blue			RS261PP				
			60 blue					RS259PP		
			75 blue				RS90PP	RS91PP		
			90 blue				RS239PP	RS277PP		
17 mm	3/8		75 blue					RS390PP	RS371PP	
			90 blue					RS229PP		
20 mm	3/8		60 blue					RS435PP		
			75 blue					RS235PP		
22 mm	3/8		75 blue						RS372PP	RS373PP
22 mm	3/8		75 blue						RS441PP	
9 mm	1/2		75 blue		RS377PP					
9,3 mm	1/2		60 blue	RS16PP	RS17PP	RS18PP				

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYPROPYLENE

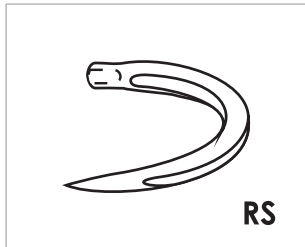
surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
10 mm	1/2		60 blue				RS245PP			
			75 blue	RS434PP	RS297PP	RS340PP	RS274PP			
10 mm	1/2		60 blue		RS290PP	RS244PP	RS243PP			
			75 blue		RS29PP	RS30PP				
13 mm	1/2		60 blue		RS51PP	RS52PP				
			75 blue		RS53PP	RS54PP	RS55PP	RS391PP		
13 mm	1/2		60 blue		RS56PP	RS269PP	RS285PP	RS57PP		
			75 blue			RS58PP	RS59PP	RS60PP		
			90 blue			RS61PP	RS62PP	RS379PP		
16 mm	1/2		45 blue				RS69PP			
			75 blue			RS70PP	RS71PP	RS72PP	RS73PP	
16 mm thin	1/2		75 blue				RS326PP	RS327PP	RS295PP	
16 mm	1/2		45 blue			RS242PP	RS77PP			
			75 blue			RS78PP	RS79PP	RS80PP	RS81PP	
			90 blue		RS268PP	RS82PP	RS83PP	RS84PP	RS85PP	
17 mm	1/2		75 blue			RS313PP	RS86PP	RS87PP	RS88PP	
			90 blue					RS332PP	RS236PP	
17 mm	1/2		60 blue				RS394PP			
			75 blue				RS92PP	RS93PP	RS283PP	
			90 blue			RS94PP	RS95PP	RS96PP	RS97PP	RS334PP
20 mm	1/2		45 blue					RS98PP	RS99PP	RS100PP
			75 blue				RS101PP	RS102PP	RS103PP	RS104PP
20 mm	1/2		75 blue				RS207PP	RS107PP	RS108PP	
			90 blue				RS289PP	RS109PP	RS110PP	RS111PP

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament

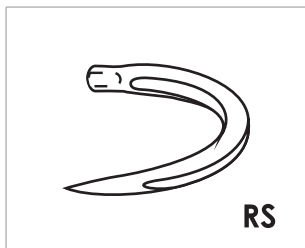


round needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2		45 blue			RS115PP				
			75 blue		RS116PP	RS117PP	RS118PP	RS119PP	RS256PP	
22 mm heavy	1/2		75 blue			RS273PP				
22 mm	1/2		75 blue	RS122PP	RS123PP	RS124PP				
			90 blue		RS125PP	RS126PP	RS127PP			
25 mm	1/2		75 blue		RS350PP	RS129PP	RS130PP	RS439PP		
			90 blue		RS131PP	RS132PP	RS133PP			
25 mm	1/2		75 blue		RS134PP	RS135PP	RS136PP	RS137PP		
			90 blue		RS138PP	RS139PP	RS140PP	RS141PP		
26 mm thin	1/2		75 blue			RS328PP	RS275PP	RS296PP		
26 mm	1/2		75 blue		RS142PP	RS143PP	RS144PP	RS145PP	RS301PP	
			90 blue		RS356PP	RS315PP	RS146PP	RS147PP		
			120 blue			RS212PP	RS150PP			
26 mm	1/2		75 blue	RS363PP	RS151PP	RS152PP	RS153PP	RS154PP		
			90 blue	RS393PP	RS155PP	RS156PP	RS157PP	RS158PP		
30 mm	1/2		75 blue			RS161PP	RS162PP	RS163PP	RS164PP	
			90 blue			RS165PP	RS166PP	RS167PP		
			100 blue					RS168PP	RS436PP	
30 mm heavy	1/2		75 blue				RS272PP			
			100 blue					RS169PP	RS170PP	

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYPROPYLENE

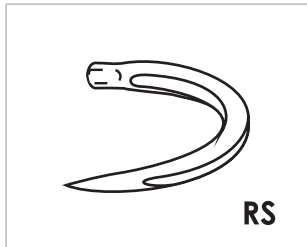
surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
30 mm	1/2	75 blue				RS171PP			
		90 blue			RS172PP	RS173PP			
35 mm	1/2	75 blue				RS341PP	RS174PP	RS175PP	
		100 blue				RS311PP	RS177PP	RS178PP	RS440PP
37 mm	1/2	75 blue				RS179PP	RS180PP	RS181PP	RS232PP
		90 blue						RS291PP	
		100 blue						RS182PP	
37 mm	1/2	90 blue			RS286PP	RS214PP		RS443PP	
		120 blue				RS321PP			
37 mm heavy	1/2	75 blue				RS346PP	RS329PP	RS218PP	RS217PP
40 mm	1/2	90 blue					RS263PP	RS264PP	
40 mm	1/2	75 blue				RS228PP	RS257PP	RS187PP	RS267PP
		90 blue				RS287PP	RS188PP	RS224PP	
		100 blue					RS189PP	RS190PP	
40 mm heavy	1/2	75 blue						RS330PP	
		100 blue					RS221PP	RS254PP	RS395PP
45 mm	1/2	75 blue						RS191PP	
		100 blue					RS319PP		

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament

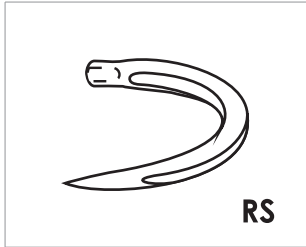


round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
48 mm	1/2	75 blue						RS192PP	RS416PP
		90 blue						RS320PP	
		100 blue					RS193PP		RS194PP
		150 blue							RS368PP
48 mm heavy	1/2	90 blue						RS432PP	
48 mm	1/2	150 blue loop					RS339PP	RS430PP	
65 mm	1/2	150 blue						RS197PP	RS198PP
65 mm heavy	1/2	100 blue						RS444PP	
65 mm	1/2	240 blue loop					RS227PP	RS309PP	
30 mm	hook	100 blue				RS281PP			
51 mm	straight	90 blue				RS316PP			
51 mm	straight	90 blue				RS199PP			

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.

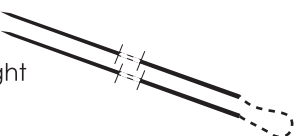

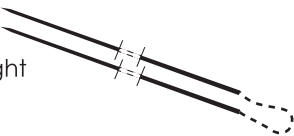


POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



round needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
60 mm	straight 	75 blue				RS200PP	RS201PP	RS446PP	
65 mm	straight 	75 blue				RS202PP			
70 mm	straight 	75 blue				RS205PP			
		100 blue				RS258PP			

notes



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



black needle

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
9 mm	3/8		60 blue	RSC01PP	RSC02PP	RSC03PP				
			75 blue			RSC04PP				
9,5 mm	3/8		60 blue		RSC05PP					
13 mm	3/8		75 blue				RSC18PP			
13 mm	3/8		60 blue		RSC06PP	RSC07PP	RSC08PP			
			75 blue			RSC09PP				
			90 blue				RSC10PP			
16 mm	1/2		90 blue				RSC11PP			
17 mm	1/2		90 blue					RSC12PP		
20 mm	1/2		90 blue					RSC13PP		
22 mm	1/2		90 blue					RSC14PP		
25 mm	1/2		90 blue						RSC15PP	RSC16PP
26 mm	1/2		90 blue					RSC17PP		

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



cutting needle

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
11 mm cosmetic	3/8		45 blue	DK59PP	DK63PP					
13 mm cosmetic	3/8		45 blue			DK62PP				
16 mm	3/8		45 blue	DK01PP	DK02PP	DK03PP				
			75 blue	DK04PP	DK05PP	DK06PP				
16 mm cosmetic	3/8		45 blue		DK37PP	DK42PP				
19 mm	3/8		45 blue	DK30PP	DK07PP	DK08PP	DK29PP			
			75 blue	DK09PP	DK10PP	DK11PP	DK33PP			
24 mm	3/8		45 blue			DK12PP	DK13PP	DK35PP		
			75 blue			DK14PP	DK15PP	DK31PP		
24 mm cosmetic	3/8		75 blue					DK60PP		
26 mm	3/8		45 blue				DK16PP			
			75 blue				DK17PP		DK28PP	
26 mm cosmetic	3/8		45 blue				DK40PP			
30 mm	3/8		75 blue				DK26PP	DK27PP	DK36PP	
35 mm cosmetic	3/8		75 blue				DK50PP			
39 mm	3/8		75 blue				DK25PP	DK18PP	DK41PP	

notes



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
90 mm	3/8	90 blue							DK48PP
		100 blue					DK52PP	DK22PP	DK23PP
90 mm	3/8	50 blue						DK49PP	
		2x50 blue						DK24PP	
26 mm heavy	1/2	100 blue						DK64PP	
55 mm	straight	90 blue				DG03PP			
60 mm	straight	75 blue			DG04PP	DG05PP	DG09PP		
		90 blue				DG06PP			

notes



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



reverse cutting needle

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
8 mm	3/8		45 blue	DKO119PP						
			75 blue	DKO146PP						
8 mm cosmetic	3/8		45 blue			DKO116PP				
11 mm	3/8		45 blue			DKO01PP	DKO93PP			
11 mm cosmetic	3/8		45 blue		DKO81PP	DKO130PP				
12 mm	3/8		45 blue			DKO02PP	DKO104PP		DKO179PP	
			75 blue		DKO148PP	DKO147PP	DKO161PP	DKO98PP		
12 mm cosmetic	3/8		45 blue			DKO03PP	DKO96PP			
16 mm	3/8		45 blue			DKO91PP	DKO07PP	DKO08PP		
			75 blue		DKO135PP	DKO155PP	DKO09PP	DKO10PP	DKO11PP	
16 mm cosmetic	3/8		45 blue			DKO107PP	DKO12PP	DKO13PP	DKO79PP	
19 mm	3/8		45 blue				DKO15PP	DKO16PP	DKO17PP	
			75 blue				DKO18PP	DKO19PP	DKO20PP	
19 mm cosmetic	3/8		45 blue				DKO82PP	DKO21PP	DKO22PP	
			75 blue					DKO83PP		

notes



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



reverse cutting needle

needles			thread		5/0	4/0	3/0	2/0	0	1	2
length	curvature		length (cm)	color							
24 mm	3/8		45	blue	DKO177PP	DKO26PP	DKO27PP	DKO28PP	DKO29PP		
			75	blue		DKO30PP	DKO31PP	DKO32PP	DKO136PP		
24 mm cosmetic	3/8		45	blue		DKO154PP					
			75	blue		DKO143PP		DKO178PP			
26 mm	3/8		45	blue		DKO88PP	DKO36PP	DKO77PP			
			75	blue			DKO37PP	DKO38PP			
26 mm cosmetic	3/8		45	blue		DKO78PP	DKO39PP	DKO153PP			
			75	blue			DKO109PP	DKO108PP			
30 mm	3/8		45	blue			DKO47PP	DKO156PP			
			75	blue		DKO48PP	DKO49PP	DKO50PP	DKO90PP	DKO51PP	
30 mm cosmetic	3/8		75	blue				DKO158PP			
37 mm	3/8		75	blue				DKO61PP	DKO62PP		
			90	blue				DKO63PP			
39 mm	3/8		75	blue			DKO64PP	DKO65PP	DKO66PP	DKO67PP	
40 mm	3/8		45	blue				DKO126PP			
			75	blue					DKO105PP	DKO125PP	
			100	blue				DKO70PP		DKO144PP	
45 mm	3/8		75	blue				DKO71PP		DKO152PP	
			100	blue				DKO106PP			
77 mm	3/8		75	blue							DKO75PP
			3x60	blue							DKO95PP
77 mm	3/8		75	blue							DKO76PP

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



reverse cutting needle

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
16 mm	1/2		45 blue		DKO180PP	DKO181PP				
16 mm	1/2		75 blue		DKO133PP					
19 mm	1/2		45 blue	DKO171PP	DKO170PP					
			75 blue		DKO163PP	DKO165PP	DKO149PP			
22 mm	1/2		45 blue			DKO23PP				
			75 blue			DKO24PP	DKO25PP			
22 mm	1/2		75 blue		DKO134PP					
24 mm	1/2		75 blue					DKO33PP		
			90 blue			DKO34PP				
26 mm	1/2		75 blue			DKO41PP	DKO42PP	DKO43PP		
			90 blue			DKO44PP	DKO45PP	DKO46PP		
			100 blue					DKO131PP	DKO132PP	
30 mm	1/2		75 blue				DKO150PP	DKO128PP	DKO129PP	
30 mm heavy	1/2		100 blue					DKO182PP	DKO121PP	
36 mm	1/2		75 blue				DKO151PP	DKO55PP	DKO56PP	DKO57PP
			90 blue					DKO58PP	DKO59PP	DKO60PP
40 mm	1/2		75 blue					DKO164PP		DKO84PP
			100 blue					DKO69PP		
48 mm	1/2		75 blue						DKO73PP	
			100 blue						DKO74PP	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



reverse cutting needle

length	needles curvature	thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
51 mm	straight	90 blue				DG01PP			
55 mm	straight	100 blue				DG011PP			
60 mm	straight	75 blue			DG02PP	DG08PP			
60 mm	straight	75 blue				DG016PP			
70 mm	straight	90 blue					DG012PP		
75 mm	straight	100 blue				DG07PP			
77 mm	straight	75 blue				DG013PP			

notes



POLYPROPYLENE

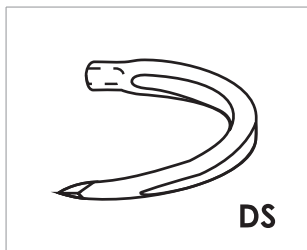
surgical sutures, non-absorbable, monofilament



**cosmetic reverse cutting needle
with a precise blade (micro point)**

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
13 mm	3/8		45 blue				ES10PP	ES08PP		
			75 blue					ES12PP		
16 mm	3/8		45 blue				ES11PP	ES03PP	ES04PP	
19 mm	3/8		45 blue					ES01PP	ES02PP	ES09PP
			75 blue						ES05PP	
26 mm	3/8		75 blue						ES06PP	ES07PP

notes



POLYPROPYLENE

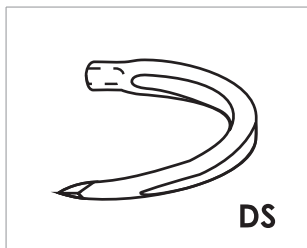
surgical sutures, non-absorbable, monofilament



round needle with a cutting edge (sharpened)

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
9 mm	3/8		75 blue		DS01PP	DS02PP				
9 mm	3/8		60 blue	DS37PP	DS33PP	DS46PP	DS57PP			
			75 blue		DS32PP	DS34PP				
9,3 mm	3/8		60 blue	DS107PP	DS94PP	DS88PP				
9,5 mm	3/8		60 blue	DS75PP						
10 mm	3/8		60 blue		DS100PP	DS99PP				
11 mm	3/8		60 blue			DS91PP				
11 mm	3/8		60 blue		DS59PP	DS78PP	DS47PP			
13 mm	3/8		75 blue			DS96PP				
13 mm	3/8		60 blue		DS08PP	DS38PP				
			75 blue			DS09PP	DS10PP			
17 mm	3/8		75 blue				DS97PP			
17 mm	3/8		90 blue				DS89PP	DS98PP	DS81PP	
20 mm	3/8		90 blue					DS121PP		
11 mm	1/2		60 blue			DS90PP	DS106PP			
13 mm	1/2		60 blue		DS66PP	DS53PP	DS54PP			
			75 blue				DS77PP	DS76PP		
16 mm	1/2		90 blue				DS44PP	DS45PP	DS68PP	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYPROPYLENE

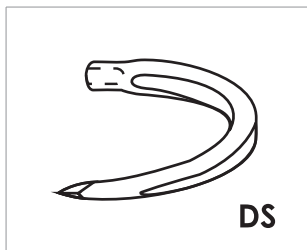
surgical sutures, non-absorbable, monofilament



round needle with a cutting edge (sharpened)

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
17 mm	1/2		75 blue			DS71PP				
			90 blue		DS48PP	DS13PP	DS14PP	DS15PP		
20 mm	1/2		90 blue			DS16PP	DS17PP			
22 mm	1/2		75 blue					DS118PP		
26 mm	1/2		75 blue			DS64PP	DS51PP	DS70PP	DS119PP	
			90 blue				DS21PP	DS36PP		
26 mm	1/2		90 blue		DS63PP	DS22PP	DS23PP	DS24PP		
			120 blue				DS112PP			
30 mm	1/2		90 blue				DS108PP	DS55PP		
			100 blue					DS69PP		
35 mm	1/2		75 blue						DS73PP	
			100 blue						DS25PP	
36 mm	1/2		90 blue						DS40PP	
36 mm	1/2		90 blue					DS26PP	DS79PP	

notes



POLYPROPYLENE

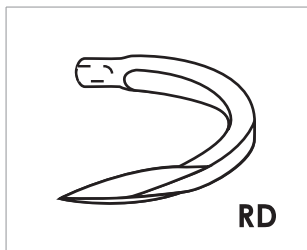
surgical sutures, non-absorbable, monofilament



round needle with a cutting edge (sharpened)

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
37 mm	1/2		75 blue						DS27PP	
			90 blue							DS28PP
			100 blue						DS49PP	
40 mm	1/2		90 blue							DS74PP
40 mm	1/2		90 blue				DS87PP	DS58PP		
			100 blue						DS80PP	
45 mm	1/2		100 blue							DS31PP
48 mm	1/2		100 blue							DS116PP
30 mm	hook		100 blue						DS109PP	

notes









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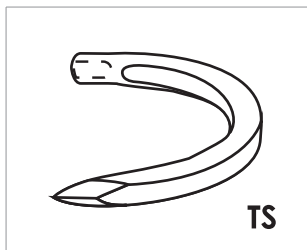
surgical sutures, non-absorbable, monofilament



round cutting needle (sharpened)

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
16 mm	3/8		75 blue					RD03PP		
22 mm	1/2		75 blue						RD04PP	
25 mm	1/2		75 blue					RD05PP	RD06PP	
25 mm	1/2		90 blue					RD01PP		
30 mm	1/2		75 blue						RD07PP	RD08PP
36 mm	1/2		100 blue						RD02PP	

notes



POLYPROPYLENE

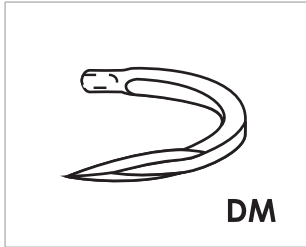
surgical sutures, non-absorbable, monofilament



round needle with a trocar edge

length	needles curvature		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
22 mm	1/2		75 blue			TS03PP	TS04PP	TS06PP		
			90 blue				TS05PP			
22 mm	1/2		90 blue			TS17PP				
26 mm	1/2		75 blue				TS07PP	TS08PP		
			90 blue					TS09PP		
26 mm	1/2		90 blue			TS01PP	TS02PP			
30 mm	1/2		75 blue					TS10PP	TS11PP	
			90 blue						TS12PP	
36 mm	1/2		75 blue					TS13PP	TS14PP	TS16PP
			90 blue						TS15PP	
40 mm	1/2		75 blue					TS20PP	TS21PP	
48 mm	1/2		75 blue						TS18 PP	

notes






POLYPROPYLENE

surgical sutures, non-absorbable, monofilament



reverse cutting P needle blade

length	needles curvature		thread length (cm) color	7/0	6/0	5/0	4/0	3/0	2/0	0
13 mm	3/8		45 blue		DM02PP	DM05PP				
			75 blue	DM06PP						
16 mm	3/8		45 blue		DM03PP	DM01PP	DM04PP			
19 mm	3/8		75 blue					DM07PP		

notes

POLYPROPYLENE

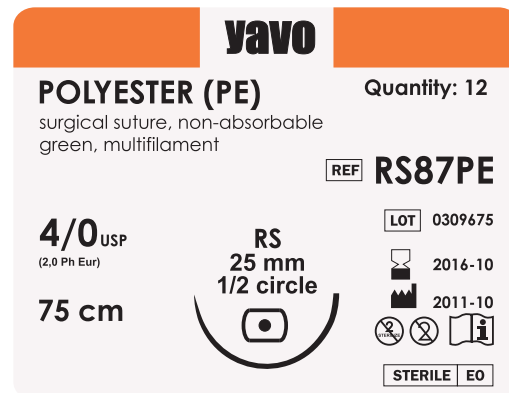
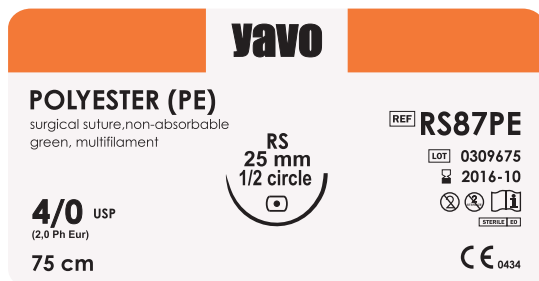
surgical sutures, non-absorbable, monofilament

LIGATURES

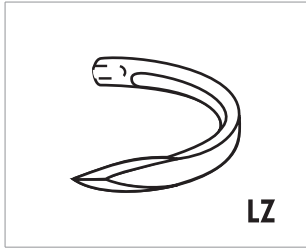
threads length	color thread	7/0	6/0	5/0	4/0	3/0	2/0	0	1	2
2 x 100 cm	blue									P07PP
70 cm	blue				P01PP	P02PP	P03PP	P04PP		
75 cm	blue				P05PP					
150 cm	blue				P10PP	P11PP	P06PP	P08PP	P09PP	P12PP

notes

POLYESTER



Thread	Polyester
Build	Multifilament (braided)
Coating	Silicone
Indications	Fascia, muscles, peritoneum surgery General surgery Paediatric surgery Plastic surgery Vessel surgery Cardiac surgery Ophthalmology Gynecology Plastic surgery Urology Neurosurgery Orthopaedics
Features	Smooth surface Very good binding properties Tensile strength
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be green or colourless
Size	USP: 8/0 - 5



POLYESTER

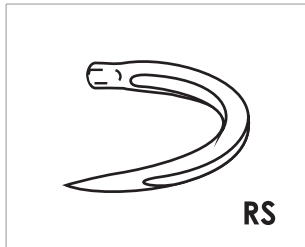
surgical sutures, non-absorbable, multifilament, silicone coated



spatula (lanced needle)

needles			thread length (cm) color							
length	curvature	diameter		8/0	7/0	6/0	5/0	4/0	3/0	2/0
6 mm	3/8		30 green		LZ07PE					
8 mm	1/2		45 green				LZ01PE			
			45 undyed				LZ12PE			
8 mm	1/4	340 µm	45 green			LZ06PE	LZ02PE	LZ03PE		
			45 undyed				LZ13PE			
8 mm thin	1/4		45 undyed				LZ11PE			
8 mm	1/4	440 µm	45 green				LZ09PE	LZ10PE		
8 mm	1/4	440 µm	45 green					LZ20PE		
			45 undyed					LZ19PE		
8 mm micropoint	1/4		45 green				LZ17PE	LZ21PE		

notes



POLYESTER

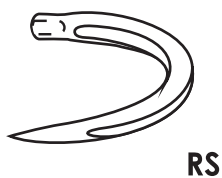
surgical sutures, non-absorbable, multifilament, silicone coated



round needle

needles			thread length (cm) color							
length	curvature			8/0	7/0	6/0	5/0	4/0	3/0	2/0
8 mm	3/8		30 green	RS161PE						
8 mm	3/8		45 green		RS01PE		RS380PE			
10 mm	3/8		45 green		RS204PE					
10 mm	3/8		45 green		RS369PE					
			75 green		RS175PE	RS03PE				
13 mm	3/8		75 green		RS232PE	RS233PE	RS230PE	RS116PE	RS234PE	
13 mm	3/8		75 green			RS04PE	RS05PE	RS06PE	RS205PE	
16 mm	3/8		45 green						RS117PE	
			4x75 green					RS375PE		
16 mm	3/8		75 green					RS206PE	RS207PE	
20 mm	3/8		75 green						RS165PE	
24 mm	3/8		75 green						RS346PE	

notes













RS

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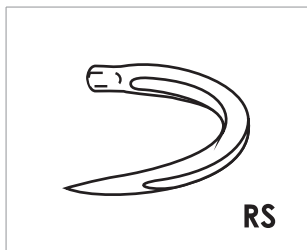
surgical sutures, non-absorbable, multifilament, silicone coated



round needle

needles		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
length	curvature								
25 mm	3/8		2x75 green				RS182PE	RS180PE	RS181PE
32 mm	3/8		75 green						RS128PE
13 mm	1/2		45 green		RS189PE	RS167PE	RS199PE		
			5x45 green			RS148PE			
			75 green		RS07PE	RS08PE			
13 mm	1/2		60 green				RS88PE		
			75 green		RS135PE	RS09PE	RS84PE		
17 mm	1/2		45 green		RS381PE		RS382PE	RS383PE	
			60 green		RS103PE		RS213PE		
			75 green		RS10PE	RS11PE	RS12PE	RS13PE	
			90 green		RS171PE	RS104PE	RS102PE	RS105PE	
17 mm	1/2		60 green		RS14PE	RS15PE	RS16PE	RS17PE	
			90 green	RS109PE	RS18PE	RS19PE	RS20PE	RS21PE	RS110PE
20 mm	1/2		45 green			RS378PE			
			75 green			RS26PE	RS27PE	RS28PE	RS168PE
			90 green					RS203PE	
20 mm	1/2		75 green			RS29PE	RS30PE	RS31PE	
			90 green			RS126PE	RS170PE	RS237PE	
22 mm	1/2		75 green		RS376PE	RS32PE	RS33PE	RS34PE	RS183PE
			90 green					RS359PE	RS169PE
22 mm	1/2		90 green			RS357PE	RS173PE	RS174PE	RS176PE

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYESTER

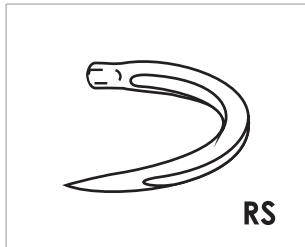
surgical sutures, non-absorbable, multifilament, silicone coated



round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
25 mm	1/2		75 green	RS87PE	RS39PE	RS40PE	RS83PE	RS41PE	
			90 green		RS350PE	RS42PE	RS43PE	RS341PE	
25 mm	1/2		75 green	RS44PE	RS45PE	RS46PE	RS47PE		
			90 green	RS85PE	RS48PE	RS49PE			
26 mm	1/2		45 green			RS221PE			
			75 green	RS50PE	RS51PE	RS52PE	RS53PE	RS149PE	
			90 green			RS368PE			
			100 green		RS214PE				
26 mm thin	1/2		75 green	RS139PE	RS345PE	RS140PE	RS157PE		
26 mm heavy	1/2		75 green				RS202PE		
26 mm	1/2		90 green	RS54PE	RS55PE	RS56PE	RS57PE		
			100 green	RS58PE	RS59PE	RS60PE	RS61PE		
30 mm	1/2		75 green		RS62PE	RS63PE	RS64PE	RS65PE	RS92PE
30 mm	1/2		75 green		RS352PE				
			90 green				RS367PE		
30 mm thin	1/2		75 green		RS141PE	RS211PE	RS225PE		
30 mm heavy	1/2		75 green			RS113PE	RS114PE	RS115PE	
35 mm	1/2		75 green		RS178PE	RS101PE	RS179PE	RS197PE	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.

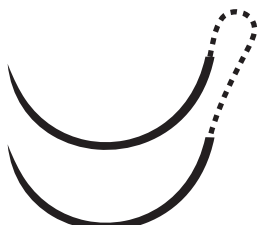






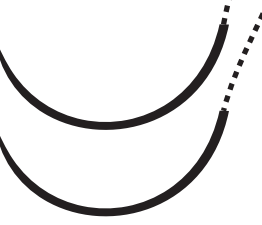


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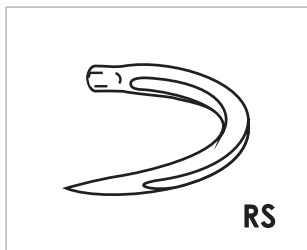
surgical sutures, non-absorbable, multifilament,
silicone coated



round needle

needles		thread length (cm) color	3/0	2/0	0	1	2	3	5
length	curvature								
35 mm	1/2		75 green	RS184PE	RS185PE	RS89PE			
35 mm thin	1/2		75 green			RS228PE			
37 mm	1/2		45 green			RS137PE		RS342PE	
			75 green	RS150PE	RS66PE	RS67PE	RS68PE	RS69PE	RS219PE
			90 green				RS194PE	RS193PE	
37 mm heavy	1/2		75 green			RS121PE	RS97PE	RS98PE	RS131PE
37 mm	1/2		60 green					RS379PE	
			90 green			RS86PE		RS71PE	
40 mm	1/2		75 green		RS201PE	RS155PE	RS72PE	RS73PE	RS124PE
			90 green				RS75PE	RS76PE	
			100 green			RS226PE			
40 mm heavy	1/2		75 green			RS215PE	RS208PE	RS129PE	RS218PE
40 mm	1/2		90 green				RS236PE	RS229PE	

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



POLYESTER

surgical sutures, non-absorbable, multifilament, silicone coated



round needle

needles		thread length (cm) color	3/0	2/0	0	1	2	3	5
length	curvature								
45 mm	1/2	75 green			RS344PE	RS108PE	RS77PE		
48 mm	1/2	75 green			RS112PE	RS78PE	RS79PE	RS125PE	
		75 undyed						RS363PE	
		4x75 green					RS360PE		
48 mm heavy	1/2	75 green						RS361PE	RS163PE
		4x75 green							RS373PE
		90 green			RS216PE	RS351PE			
55 mm	1/2	75 green							RS80PE
		4x75 green					RS196PE		RS120PE
55 mm heavy	1/2	4x75 green							RS160PE
27 mm	5/8	75 green		RS238PE					
27 mm heavy	5/8	5x45 green			RS385PE				
23 mm	ski	120 green		RS186PE					
30 mm	hook	75 green			RS364PE	RS143PE			
		90 green		RS106PE					
30 mm heavy	hook	75 green				RS343PE			
20 mm	straight	45 green	RS366PE						

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.










POLYESTER

surgical sutures, non-absorbable, multifilament, silicone coated



cutting needle

needles		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
length	curvature								
11 mm cosmetic	3/8		45 green DK23PE						
19 mm	3/8		45 green	DK09PE	DK08PE				
			75 green		DK07PE		DK11PE		
24 mm	3/8		75 green			DK26PE			
			90 green					DK74PE	
26 mm	3/8		45 green				DK19PE		
			75 green				DK12PE		
30 mm	3/8		75 green					DK29PE	DK30PE
40 mm	3/8		75 green					DK15PE	
45 mm	3/8		75 green						DK20PE

notes



POLYESTER

surgical sutures, non-absorbable, multifilament, silicone coated



cutting needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
60 mm	3/8	75 green							DK21PE
90 mm	3/8	100 green						DK10PE	
		2x50 green						DK33PE	
90 mm	3/8 vinyl tube 40 mm	50 green						DK22PE	
90 mm	3/8 2 vinyl tubes 40 mm	2x50 green						DK32PE	
22 mm	1/2	75 green				DK25PE			
40 mm	1/2	75 green						DK17PE	DK18PE
51 mm	straight	75 green				DG01PE			
60 mm	straight	75 green				DG02PE			

notes



POLYESTER

surgical sutures, non-absorbable, multifilament,
silicone coated



reverse cutting needle

needles			thread length (cm) color							
length	curvature			7/0	6/0	5/0	4/0	3/0	2/0	0
8 mm	3/8		45 green	DKO78PE	DKO53PE					
12 mm	3/8		45 green		DKO95PE	DKO96PE	DKO63PE			
			75 green		DKO129PE		DKO135PE			
16 mm	3/8		45 green			DKO67PE	DKO64PE	DKO99PE		
19 mm	3/8		45 green		DKO137PE	DKO02PE	DKO03PE	DKO04PE	DKO05PE	
			45 undyed				DKO97PE			
			75 green			DKO06PE	DKO07PE	DKO08PE	DKO09PE	
19mm	3/8		75 green					DKO118PE	DKO121PE	
24 mm	3/8		45 green				DKO10PE	DKO11PE	DKO12PE	
			75 green				DKO13PE	DKO14PE	DKO15PE	DKO38PE
			90 green							DKO74PE
26 mm	3/8		45 green						DKO44PE	
			75 green						DKO75PE	DKO89PE

notes



POLYESTER

surgical sutures, non-absorbable, multifilament, silicone coated



reverse cutting needle

length	needles curvature	thread length (cm) color	4/0	3/0	2/0	0	1	2	5
30 mm	3/8	45 green			DKO54PE				
		75 green			DKO19PE	DKO20PE	DKO21PE	DKO22PE	
35 mm	3/8	75 green		DKO45PE	DKO42PE		DKO39PE		
39 mm	3/8	45 green			DKO51PE	DKO49PE			
		75 green		DKO138PE	DKO52PE	DKO24PE	DKO25PE	DKO41PE	
		90 green					DKO86PE		
40 mm	3/8	75 green					DKO141PE	DKO142PE	
48 mm	3/8	75 green					DKO108PE	DKO109PE	
		90 green						DKO87PE	
60 mm	3/8	75 green						DKO113PE	
		100 green					DKO80PE		
77 mm	3/8	45 green						DKO90PE	DKO98PE
		75 green						DKO107PE	DKO34PE
77 mm	3/8	75 green						DKO119PE	DKO35PE
77 mm heavy	3/8	45 green							DKO112PE
90 mm	3/8	90 green						DKO111PE	
		2x50 green					DKO92PE		

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.















POLYESTER

surgical sutures, non-absorbable, multifilament, silicone coated



reverse cutting needle

needles		thread length (cm) color	4/0	3/0	2/0	0	1	2	5
length	curvature								
16 mm	1/2		90 green DKO132PE						
20 mm	1/2		75 green	DKO66PE					
22 mm	1/2		45 green DKO114PE						
			75 green DKO127PE						
22 mm	1/2		90 green		DKO57PE				
26 mm	1/2		75 green	DKO84PE	DKO82PE	DKO83PE			
26 mm heavy	1/2		75 green			DKO16PE	DKO17PE	DKO18PE	
30 mm	1/2		75 green		DKO58PE	DKO70PE	DKO65PE		
37 mm heavy	1/2		75 green		DKO91PE	DKO103PE	DKO23PE	DKO37PE	DKO50PE
37 mm	1/2		75 green			DKO120PE	DKO48PE		
40 mm	1/2		75 green			DKO85PE	DKO26PE	DKO27PE	
			100 green			DKO101PE	DKO28PE	DKO29PE	
40 mm heavy	1/2		75 green				DKO88PE	DKO46PE	
			100 green				DKO56PE		
48 mm	1/2		75 green				DKO136PE	DKO43PE	
			4x75 green					DKO133PE	
			5x75 green					DKO72PE	

notes

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.







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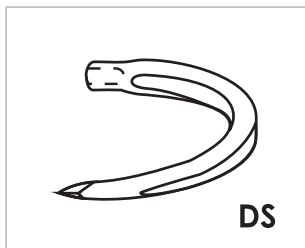
surgical sutures, non-absorbable, multifilament, silicone coated



reverse cutting needle

length	needles curvature	thread length (cm) color							
			4/0	3/0	2/0	0	1	2	5
50 mm	1/2 	75 green						DKO71PE	
56 mm	1/2 	75 green							DKO73PE
57 mm	1/2 	75 green							DKO106PE
57 mm heavy	1/2 	75 green							DKO47PE

notes



POLYESTER

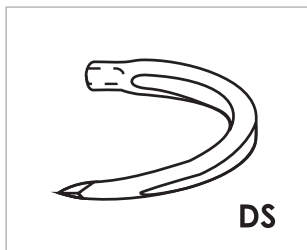
surgical sutures, non-absorbable, multifilament, silicone coated



round needle with a cutting edge (sharpened)

needles		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1	
length	curvature									
17 mm	3/8		75 green				DS84PE			
			90 green			DS01PE	DS02PE	DS03PE	DS04PE	
25 mm	3/8		90 green					DS49PE		
12 mm	1/2		23 undyed		DS121PE					
16 mm	1/2		75 green					DS96PE		
			90 green		DS56PE	DS57PE	DS111PE			
17 mm	1/2		75 green			DS83PE	DS81PE			
			90 undyed			DS113PE				
			90 green		DS60PE	DS61PE				
17 mm	1/2		90 green		DS05PE	DS06PE	DS07PE	DS08PE		
			90 undyed			DS115PE				
20 mm	1/2		75 green				DS120PE			
20 mm	1/2		90 green					DS42PE		
22 mm	1/2		90 green					DS80PE		
25 mm	1/2		75 green					DS10PE	DS11PE	DS12PE
			90 green				DS52PE	DS13PE	DS14PE	DS15PE
			120 green					DS48PE		
26 mm	1/2		75 green				DS86PE		DS76PE	DS114PE
			90 green				DS17PE	DS18PE		

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.


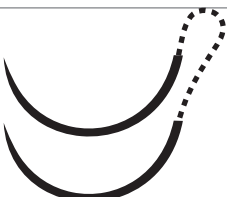







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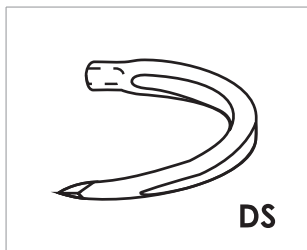
surgical sutures, non-absorbable, multifilament, silicone coated



round needle with a cutting edge (sharpened)

needles		thread length (cm) color	3/0	2/0	0	1	2	3	5
length	curvature								
30 mm	1/2	 75 green	DS62PE						
30 mm	1/2	 90 green		DS79PE					
37 mm	1/2	 75 green			DS25PE	DS26PE	DS27PE	DS28PE	DS75PE
		90 green						DS66PE	
40 mm	1/2	 75 green				DS29PE	DS30PE		DS88PE
		4x75 green					DS58PE		10DS89PE
		5x75 green					DS45PE		10DS106PE
		90 green				DS91PE			
		100 green			DS118PE	DS117PE			
40 mm heavy	1/2	 75 green			DS70PE	DS71PE	DS94PE		
		4x75 green					DS77PE		
45 mm	1/2	 75 green			DS82PE	DS38PE	DS64PE		
		4x75 green					DS50PE		
45 mm	1/2	 75 green					DS53PE		

notes



POLYESTER

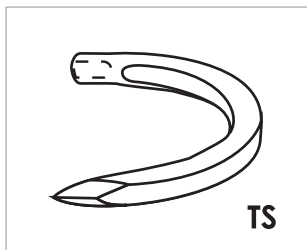
surgical sutures, non-absorbable, multifilament, silicone coated



round needle with a cutting edge (sharpened)

needles		thread length (cm) color							
length	curvature		3/0	2/0	0	1	2	3	5
45 mm heavy	1/2	75 green					DS31PE		DS32PE
		4x75 green					DS33PE		10DS34PE
48 mm	1/2	75 green			DS85PE				DS39PE
		4x75 green					10DS105PE		10DS51PE
		5x75 green							10DS107PE
48 mm heavy	1/2	75 green							DS119PE
		4x75 green					10DS55PE		
55 mm	1/2	4x75 green							DS46PE
		75 green							DS72PE
55 mm heavy	1/2	75 green							DS103PE
		4x75 green							DS35PE
57 mm	1/2	75 green							DS109PE
30 mm	hook	75 green				DS98PE			
30 mm heavy	hook	75 green				DS112PE			

notes



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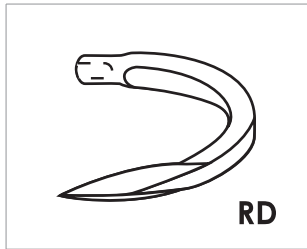
surgical sutures, non-absorbable, multifilament, silicone coated



round needle with a trocar edge

needles		thread length (cm) color								
length	curvature		5/0	4/0	3/0	2/0	0	1	2	
22 mm	1/2		75 green			TS01PE	TS02PE			
			90 green			TS03PE	TS04PE			
25 mm	1/2		75 green			TS05PE	TS06PE	TS07PE	TS08PE	
			90 green				TS09PE	TS10PE	TS11PE	
26 mm	1/2		75 green			TS28PE				
			90 green				TS30PE			
26 mm	1/2		90 green			TS29PE		TS32PE		
30 mm	1/2		75 green					TS12PE	TS13PE	
			90 green					TS14PE	TS15PE	
36 mm	1/2		75 green					TS16PE	TS17PE	TS18PE
			90 green					TS19PE	TS20PE	TS21PE
40 mm	1/2		75 green					TS22PE	TS23PE	TS24PE
			90 green					TS25PE	TS26PE	TS27PE

notes



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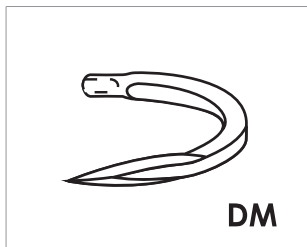
surgical sutures, non-absorbable, multifilament, silicone coated



round cutting needle (sharpened)

needles			thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature									
17 mm	1/2		90 green				RD02PE			
26 mm	1/2		90 green				RD03PE			
40 mm	1/2		75 green							RD01PE

notes



reverse cutting P needle blade

needles			thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature									
19 mm	3/8		45 green			DM03PE				
24 mm	3/8		75 green				DM01PE			

notes

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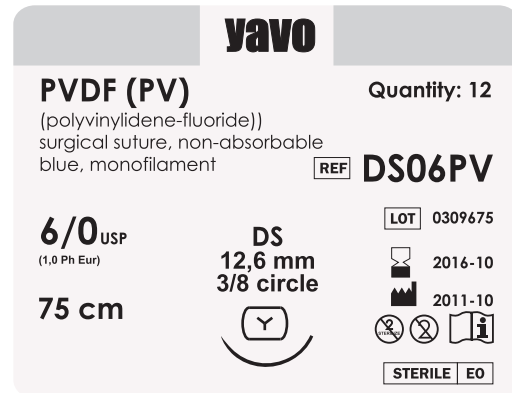
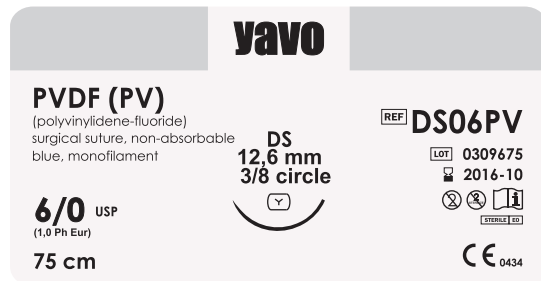
surgical sutures, non-absorbable, multifilament,
silicone coated

LIGATURES

threads length	color thread	5/0	4/0	3/0	2/0	0	1	2	3	4
2 x 70 cm	green			P114PE	P99PE	P100PE	P101PE		P115PE	
2 x 75 cm	green		P82PE	P64PE	P25PE	P26PE	P27PE	P28PE	P63PE	
3 x 45 cm	green		P118PE	P51PE	P52PE	P62PE	P117PE	P119PE		
5 x 45 cm	green		P149PE	P81PE	P50PE	P91PE	P97PE	P98PE		
5 x 75 cm	green				P71PE	P58PE	P69PE			
6 x 45 cm	green		P38PE	P39PE	P40PE	P41PE	P42PE	P79PE	P141PE	
6 x 75 cm	green			P138PE	P139PE	P29PE	P140PE			
10 x 45 cm	green		P85PE	P120PE	P89PE	P83PE	P84PE			
10 x 75 cm	green			P136PE	P127PE	P128PE	P30PE			
12 x 45 cm	green	P160PE	P65PE	P53PE	P43PE					
12 x 75 cm	green		P116PE	P55PE	P54PE					
13 x 45 cm	green				P44PE	P45PE				
13 x 60 cm	green		P122PE	P68PE	P35PE	P36PE	P37PE			
17 x 45 cm	green			P124PE						
60 cm	green			P109PE	P110PE	P111PE				
75 cm	green		P102PE	P21PE	P22PE	P23PE	P24PE	P46PE	P47PE	P48PE
100 cm	green				P70PE	P72PE	P90PE	P80PE	P86PE	P88PE
140 cm	green		P104PE	P105PE	P106PE	P107PE	P108PE	P113PE		
150 cm	green	P125PE	P126PE	P14PE	P15PE	P16PE	P17PE	P18PE	P19PE	P20PE
150 cm in reel	green			Pr14PE	Pr15PE	Pr16PE	Pr17PE		Pr19PE	
180 cm	green			P07PE	P08PE	P09PE	P10PE	P11PE	P12PE	P13PE
180 cm in reel	green			Pr07PE	Pr08PE	Pr09PE	Pr10PE	Pr11PE		
250 cm	green	P123PE	P01PE	P02PE	P03PE	P04PE	P05PE	P06PE	P129PE	
250 cm in reel	green			Pr02PE	Pr03PE	Pr04PE	Pr05PE	Pr06PE		
300 cm	green			P137PE	P74PE	P75PE	P76PE	P77PE		
360 cm	green		P151PE	P73PE	P152PE					

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.

PVDF



Thread	Polyvinylidene-fluoride
Build	Monofilament
Indications	Soft tissues and skin Traumatic surgery Plastic surgery Vessel surgery Cardiac surgery Urology Ophthalmology
Features	Uniform structure with smooth surface Very good binding properties Tensile strength
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be blue or black
Size	USP: 10/0 - 2



PVDF (polyvinylidene-fluoride)

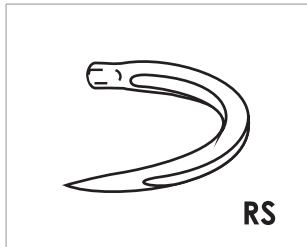
surgical sutures, non-absorbable, monofilament



spatula (lanced needle)

needles				thread length (cm) color	10/0	9/0	8/0	7/0	6/0	5/0	4/0
length	curvature	diameter									
6,19 mm	3/8	150 µm		30 blue	LZ10PV	LZ09PV					
6,4 mm	3/8	200 µm		30 blue		LZ07PV	LZ08PV				

notes














PVDF (polyvinylidene-fluoride)

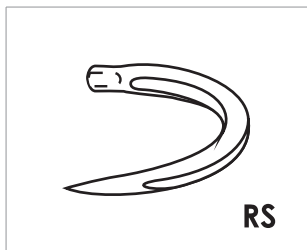
surgical sutures, non-absorbable, monofilament



round needle

needles			thread length (cm) color							
length	curvature			9/0	8/0	7/0	6/0	5/0	4/0	3/0
6,4 mm	3/8		15 blue	RS02PV	RS03PV					
6,4 mm	3/8		45 blue	RS04PV	RS05PV					
8 mm	3/8		75 blue				RS64PV			
9,5 mm	3/8		75 blue			RS09PV				
11 mm	3/8		75 blue				RS20PV			
13 mm	3/8		75 blue				RS46PV	RS21PV		
16 mm	3/8		75 blue						RS34PV	
12 mm	1/2		75 blue				RS56PV	RS35PV		
16 mm	1/2		90 blue					RS47PV		
17 mm	1/2		75 blue					RS41PV	RS40PV	
22 mm	1/2		75 blue					RS62PV	RS42PV	RS17PV

notes



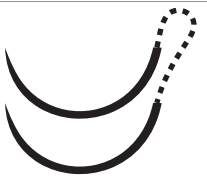






PVDF (polyvinylidene-fluoride)

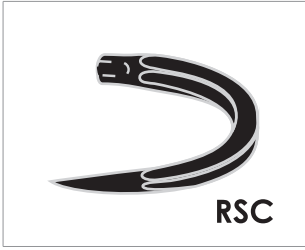
surgical sutures, non-absorbable, monofilament



round needle

needles		thread length (cm) color	5/0	4/0	3/0	2/0	0	1	2
length	curvature								
22 mm	1/2	 75 blue			RS16PV				
26 mm	1/2	 75 blue		RS43PV	RS19PV	RS15PV	RS58PV		
26 mm	1/2	 75 blue			RS25PV	RS26PV			
		90 blue			RS28PV	RS30PV			
30 mm	1/2	 75 blue				RS14PV	RS54PV	RS60PV	
30 mm heavy	1/2	 75 blue			RS61PV	RS13PV			
36 mm heavy	1/2	 90 blue					RS18PV		
37 mm	1/2	 75 blue				RS63PV	RS31PV	RS53PV	

notes



PVDF (polyvinylidene-fluoride)

surgical sutures, non-absorbable, monofilament



black needle

needles			thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
length	curvature									
12 mm	3/8		75 blue			RSC01PV				
17 mm	1/2		75 blue				RSC02PV			

notes











PVDF (polyvinylidene-fluoride)

surgical sutures, non-absorbable, monofilament



cutting needle

needles		thread length (cm) color								
length	curvature		6/0	5/0	4/0	3/0	2/0	0	1	
16 mm	3/8		45 blue		DK12PV					
			75 blue			DK06PV				
19 mm	3/8		45 blue			DK07PV				
20 mm	3/8		75 blue			DK03PV				
24 mm	3/8		45 blue			DK04PV				
			75 blue				DK08PV			
26 mm	3/8		75 blue				DK10PV	DK09PV	DK11PV	
30 mm	3/8		75 blue				DK02PV	DK01PV		
36 mm	3/8		75 blue				DK05PV			
60 mm	straight		90 blue					DG02PV		

notes



PVDF (polyvinylidene-fluoride)

surgical sutures, non-absorbable, monofilament



reverse cutting needle

length	needles curvature		thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
12 mm	3/8		45 blue				DKO30PV			
16 mm	3/8		45 blue				DKO18PV	DKO19PV	DKO36PV	
			75 blue				DKO20PV	DKO21PV	DKO32PV	DKO31PV
19 mm	3/8		45 blue				DKO09PV	DKO39PV	DKO28PV	DKO29PV
			75 blue						DKO44PV	DKO14PV
24 mm	3/8		45 blue						DKO43PV	DKO45PV
			75 blue							DKO46PV
			90 blue						DKO42PV	
25 mm	3/8		45 blue						DKO13PV	DKO26PV
			75 blue					DKO11PV	DKO15PV	DKO12PV
30 mm	3/8		75 blue							DKO16PV
39 mm	3/8		75 blue							DKO41PV
8 mm	1/2		45 blue	DKO27PV						
60 mm	straight		75 blue							DG01PV

notes



PVDF (polyvinylidene-fluoride)

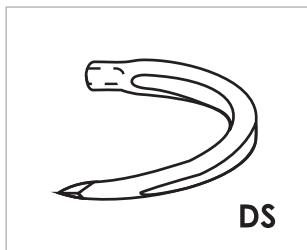
surgical sutures, non-absorbable, monofilament



**cosmetic reverse cutting needle
with a precise blade (micro point)**

needles			thread length (cm) color								
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1	
13 mm	3/8		45 blue		ES09PV	ES01PV	ES02PV				
			75 blue		ES05PV						
16 mm	3/8		45 blue			ES04PV					
			75 blue			ES10PV					
18 mm	3/8		45 blue			ES07PV	ES06PV				
19 mm	3/8		45 blue		ES03PV						
			75 blue				ES11PV				
24 mm	3/8		75 blue			ES08PV		ES12PV			

notes



PVDF (polyvinylidene-fluoride)

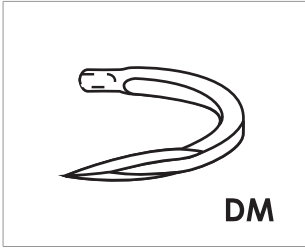
surgical sutures, non-absorbable, monofilament



round needle with a cutting edge (sharpened)

needles		thread								
length	curvature		length (cm)	6/0	5/0	4/0	3/0	2/0	0	1
12,6 mm	3/8		60 blue	DS17PV						
			75 blue	DS25PV	DS14PV					
12,6 mm	3/8		75 blue	DS06PV	DS07PV					
16 mm	1/2		75 blue		DS24PV					
17 mm	1/2		75 blue		DS10PV		DS09PV			
17 mm	1/2		90 blue			DS15PV				
20 mm	1/2		75 blue					DS08PV		
25 mm	1/2		90 blue					DS20PV		
26 mm	1/2		75 blue				DS22PV	DS21PV		
30 mm	1/2		90 blue					DS13PV		
35 mm	1/2		75 blue						DS12PV	
35 mm	1/2		90 blue				DS16PV			

notes



PVDF (polyvinylidene-fluoride)

surgical sutures, non-absorbable, monofilament

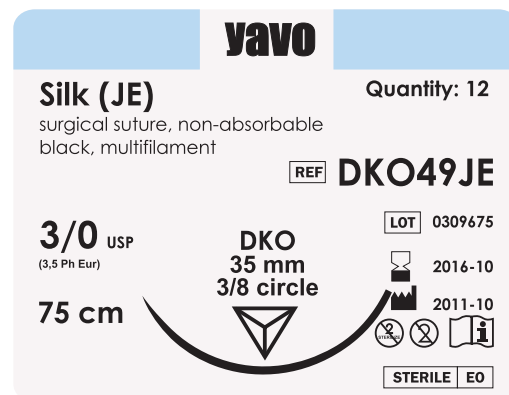
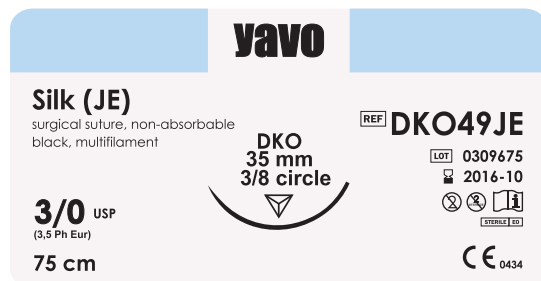


reverse cutting P needle blade

needles			thread length (cm) color								
length	curvature			6/0	5/0	4/0	3/0	2/0	0	1	
13 mm	3/8		45 blue		DM04PV						
16 mm	3/8		45 blue			DM01PV					
18 mm	3/8		45 blue			DM03PV	DM02PV				

notes

SILK



Thread	Silk
Build	Multifilament (Braided)
Coating	Silicone
Indications	General surgery Mouth surgery Cardiac surgery Ophthalmolgy Neurosurgery
Features	Smooth surface and tensility Good properties of the knot Decomposition of silk proteins results in gradual loss of joining soft tissues
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be black or colourless
Size	USP: 9/0 - 5













SILK

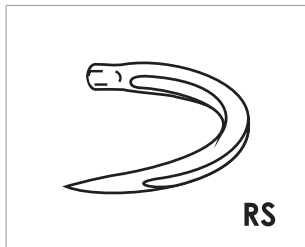
surgical suture, non-absorbable, multifilament, silicone coated



spatula (lanced needle)

length	needles			thread length (cm) color	9/0	8/0	7/0	6/0	5/0	4/0	3/0
	curvature	diameter									
6 mm	3/8	200 µm		30 black			LZ31JE				
				45 black	LZ08JE	LZ09JE	LZ10JE				
6 mm	3/8	150 µm		45 black	LZ11JE	LZ12JE	LZ13JE	LZ14JE			
6 mm	3/8	200 µm		30 black		LZ39JE					
6,4 mm	3/8	230 µm		45 black		LZ29JE					
6,5 mm	3/8	200 µm		30 black	LZ27JE	LZ32JE					
				45 black		LZ44JE	LZ28JE				
6,5 mm micropoint	3/8			45 black		LZ38JE					
8 mm	3/8	250 µm		45 black			LZ26JE				
8 mm	1/2	340 µm		45 black		LZ18JE	LZ19JE	LZ20JE	LZ21JE		
8 mm	1/4	340 µm		45 black			LZ40JE	LZ15JE	LZ16JE	LZ17JE	
8 mm	1/4	200 µm		45 black			LZ42JE	LZ43JE			

notes



SILK

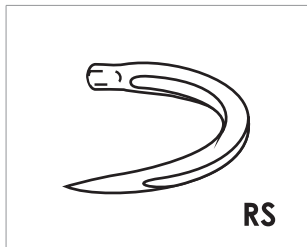
surgical suture, non-absorbable, multifilament, silicone coated



round needle

length	needles curvature		thread length (cm) color	7/0	6/0	5/0	4/0	3/0	2/0	0
9 mm	3/8		45 black		RS154JE					
11 mm	3/8		75 black		RS08JE	RS09JE				
12 mm	3/8		75 black			RS202JE				
13 mm	3/8		45 black			RS26JE	RS27JE			
			75 black			RS20JE	RS21JE			
13 mm	3/8		60 black	RS199JE						
16 mm	3/8		75 black			RS186JE				
17 mm	3/8		75 black				RS155JE			
13 mm	1/2		45 black		RS14JE	RS15JE	RS16JE	RS17JE		
			5x45 black				RS209JE			
			75 black		RS11JE	RS12JE	RS13JE			
16 mm	1/2		45 black		RS30JE	RS31JE	RS32JE	RS33JE	RS34JE	
			75 black			RS35JE	RS36JE	RS150JE	RS174JE	
17 mm	1/2		5x45 black					RS208JE		
			75 black			RS152JE	RS151JE	RS153JE		
20 mm	1/2		75 black				RS161JE	RS41JE	RS42JE	

notes



SILK

surgical suture, non-absorbable, multifilament, silicone coated



round needle

length	needles curvature		thread length (cm) color	4/0	3/0	2/0	0	1	2	3
22 mm	1/2		75 black	RS45JE	RS46JE	RS47JE	RS48JE	RS37JE		
22 mm thin	1/2		75 black		RS204JE					
22 mm	1/2		90 black	RS49JE	RS50JE	RS51JE	RS52JE			
26 mm	1/2		5x45 black			RS207JE				
			75 black	RS53JE	RS54JE	RS55JE	RS56JE	RS57JE	RS58JE	
26 mm thin	1/2		75 black		RS165JE	RS166JE	RS167JE			
30 mm	1/2		45 black		RS160JE					
			75 black		RS74JE	RS75JE	RS76JE	RS77JE	RS78JE	RS79JE
37 mm	1/2		75 black		RS94JE	RS96JE	RS97JE	RS98JE	RS99JE	
			90 black			RS101JE	RS102JE	RS103JE	RS104JE	
37 mm thin	1/2		75 black			RS188JE	RS172JE	RS170JE	RS169JE	
40 mm	1/2		75 black			RS113JE	RS114JE	RS115JE	RS116JE	RS117JE
40 mm heavy	1/2		75 black						RS149JE	
48 mm	1/2		75 black			RS131JE	RS132JE	RS133JE	RS134JE	

notes



SILK

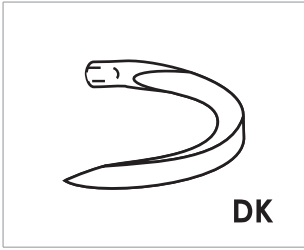
surgical suture, non-absorbable, multifilament, silicone coated



cutting needle

length	needles curvature		thread length (cm) color							
				7/0	6/0	5/0	4/0	3/0	2/0	0
8 mm cosmetic	3/8		45 black	DK77JE						
11 mm cosmetic	3/8		45 black		DK65JE					
11 mm	3/8		45 black		DK89JE	DK100JE				
13 mm cosmetic	3/8		45 black		DK02JE	DK03JE	DK84JE			
16 mm cosmetic	3/8		45 black		DK78JE	DK07JE	DK08JE	DK09JE		
16 mm	3/8		45 black		DK93JE	DK68JE	DK66JE			
			75 black			DK10JE	DK11JE	DK12JE		
16 mm	3/8		45 black			DK73JE	DK72JE			
19 mm	3/8		45 black			DK16JE	DK17JE	DK18JE		
			75 black			DK13JE	DK14JE	DK15JE		
19 mm	3/8		45 black			DK88JE				
24 mm	3/8		75 black					DK70JE	DK64JE	

notes



SILK

surgical suture, non-absorbable, multifilament, silicone coated



cutting needle

length	needles curvature		thread length (cm) color	4/0	3/0	2/0	0	1	2	3
26 mm	3/8		75 black	DK37JE	DK38JE	DK39JE	DK40JE	DK41JE		
30 mm	3/8		75 black			DK79JE	DK80JE	DK97JE		
40 mm	3/8		75 black				DK76JE			
60 mm	3/8		75 black					DK71JE		

notes



SILK

surgical suture, non-absorbable, multifilament, silicone coated



reverse cutting needle

needles		thread									
length	curvature		length (cm)	7/0	6/0	5/0	4/0	3/0	2/0	0	
7 mm	3/8	230 µm		45 black	DKO138JE	DKO123JE					
7 mm	3/8	230 µm		45 black	DKO145JE						
7,5 mm	3/8			45 black	DKO201JE						
8 mm	3/8	300 µm		45 black	DKO113JE	DKO128JE					
10 mm	3/8			45 black		DKO112JE					
10 mm cosmetic	3/8			45 black		DKO152JE					
11 mm	3/8	330 µm		45 black		DKO127JE					
11 mm cosmetic	3/8			45 black		DKO185JE					
12 mm	3/8			45 black		DKO03JE	DKO04JE	DKO05JE			
12 mm	3/8			45 black		DKO130JE	DKO118JE	DKO100JE			
13 mm	3/8	430 µm		45 black			DKO162JE	DKO126JE			
13 mm cosmetic	3/8			45 black			DKO47JE	DKO142JE			
13 mm	3/8		45 black				DKO165JE				
			50 black				DKO137JE				
16 mm	3/8		45 black		DKO102JE	DKO06JE	DKO07JE	DKO08JE			
			4x45 black				DKO133JE				
			75 black			DKO09JE	DKO10JE	DKO11JE	DKO101JE		
16 mm cosmetic	3/8		45 black			DKO12JE	DKO13JE	DKO14JE			
			75 black				DKO139JE				
19 mm	3/8		45 black			DKO18JE	DKO19JE	DKO20JE	DKO21JE		
			75 black				DKO24JE	DKO25JE	DKO159JE		
19 mm cosmetic	3/8		45 black			DKO15JE	DKO16JE	DKO17JE			













SILK

surgical suture, non-absorbable, multifilament, silicone coated



reverse cutting needle

needles		thread length (cm) color							
length	curvature		4/0	3/0	2/0	0	1	2	3
24 mm	3/8		45 black	DKO104JE	DKO73JE	DKO96JE			
			75 black	DKO29JE	DKO30JE	DKO31JE	DKO32JE		
26 mm	3/8		45 black	DKO129JE	DKO40JE	DKO41JE	DKO42JE	DKO43JE	
			75 black		DKO37JE	DKO38JE	DKO39JE		
26 mm cosmetic	3/8		45 black		DKO35JE	DKO36JE			
30 mm	3/8		45 black			DKO116JE	DKO94JE		
			75 black		DKO105JE	DKO114JE	DKO93JE		
35 mm	3/8		75 black		DKO49JE	DKO50JE	DKO51JE		
39 mm	3/8		45 black				DKO117JE		
			75 black			DKO61JE	DKO62JE	DKO63JE	DKO64JE
45 mm	3/8		75 black				DKO115JE		
48 mm	3/8		75 black				DKO121JE	DKO213JE	DKO125JE
60 mm	3/8		75 black		DKO150JE	DKO184JE		DKO192JE	DKO143JE
			90 black				DKO167JE		
65 mm	3/8		75 black					DKO197JE	DKO92JE

notes


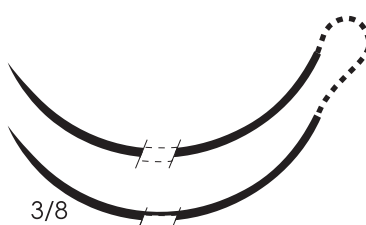



SILK

surgical suture, non-absorbable, multifilament, silicone coated



reverse cutting needle

length	needles curvature	thread length (cm) color	4/0	3/0	2/0	0	1	2	3
77 mm	3/8 	75 black						DKO156JE	
77 mm	 3/8	75 black						DKO212JE	
90 mm	3/8 	100 black					DKO107JE	DKO108JE	DKO109JE

notes



SILK
 surgical suture, non-absorbable, multifilament,
 silicone coated



reverse cutting needle

needles			thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
length	curvature									
8 mm	1/2		45 black	DKO01JE	DKO02JE	DKO111JE				
8 mm	1/2		45 black	DKO215JE						
21 mm	1/2		75 black				DKO132JE	DKO131JE		DKO74JE

notes



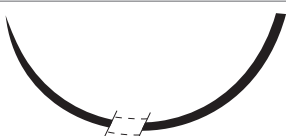
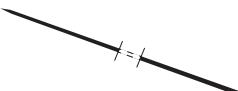



SILK

surgical suture, non-absorbable, multifilament, silicone coated



reverse cutting needle

needles		thread length (cm) color							
length	curvature		3/0	2/0	0	1	2	3	4
40 mm	1/2 	75 black	DKO69JE	DKO70JE	DKO71JE	DKO72JE	DKO154JE		
48 mm	1/2 	75 black			DKO176JE	DKO171JE			
50 mm	1/2 	75 black		DKO82JE	DKO83JE	DKO84JE	DKO85JE		
		90 black		DKO77JE	DKO78JE	DKO79JE	DKO80JE		
55 mm	straight 	100 black		DKO158JE					
60 mm	straight 	75 black		DKO110JE					

notes



SILK

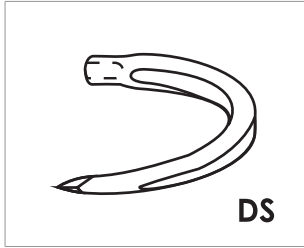
surgical suture, non-absorbable, multifilament, silicone coated



**cosmetic reverse cutting needle
with a precise blade (micro point)**

needles			thread length (cm) color	7/0	6/0	5/0	4/0	3/0	2/0	0
length	curvature									
11 mm	3/8		45 black		ES02JE					
11 mm	3/8		45 black		ES06JE					
13 mm	3/8		45 black			ES03JE	ES01JE			
16 mm	3/8		45 black				ES05JE			
19 mm	3/8		45 black					ES04JE		

notes



SILK

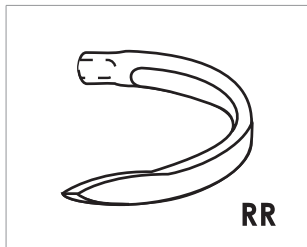
surgical suture, non-absorbable, multifilament, silicone coated



round needle with a cutting edge (sharpened)

length	needles curvature		thread length (cm) color							
				6/0	5/0	4/0	3/0	2/0	0	1
12 mm	3/8		75 black	DS03JE						
16 mm	3/8		75 black		DS06JE	DS07JE	DS08JE			
24 mm	3/8		75 black			DS13JE	DS14JE	DS15JE		
14 mm	1/2		45 black			DS34JE				
20 mm	1/2		75 black			DS09JE	DS10JE	DS11JE		
20 mm heavy	1/2		75 black					DS12JE		
26 mm	1/2		75 black				DS16JE	DS17JE		

notes



SILK

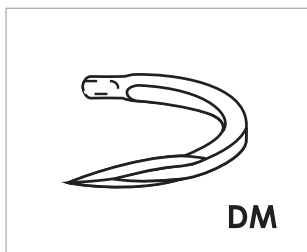
surgical suture, non-absorbable, multifilament, silicone coated



round separating needle

length	needles curvature		thread length (cm) color	3/0	2/0	0	1	2	3	4
20 mm	1/2		75 black	RR03JE						
26 mm	1/2		75 black	RR02JE	RR01JE					

notes



reverse cutting P needle blade

length	needles curvature		thread length (cm) color	7/0	6/0	5/0	4/0	3/0	2/0	0
8 mm	3/8		45 black	DM05JE						
11 mm	3/8		45 black		DM01JE					
13 mm	3/8		45 black			DM02JE				
16 mm	3/8		45 black			DM13JE	DM03JE	DM12JE		
			75 black			DM08JE	DM07JE	DM06JE		
19 mm	3/8		45 black			DM16JE	DM15JE	DM14JE		
			75 black			DM11JE	DM10JE	DM09JE		
24 mm	3/8		75 black				DM04JE			

notes

SILK

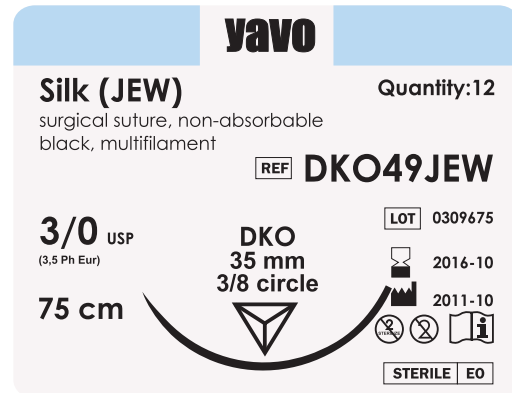
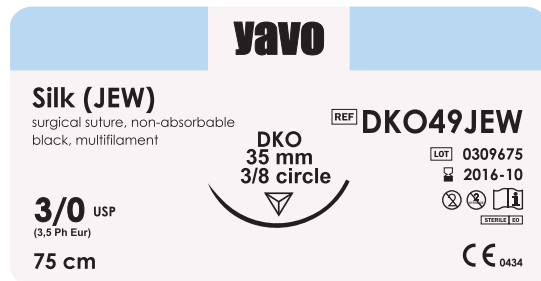
surgical suture, non-absorbable, multifilament,
silicone coated

LIGATURES

threads length	color thread	5/0	4/0	3/0	2/0	0	1	2	3	4
2 x 75 cm	black			P89JE	P90JE	P91JE	P70JE	P119JE		
2 x 150 cm	black				P83JE	P85JE	P72JE	P81JE		
3 x 45 cm	black			P01JE	P02JE	P03JE	P04JE			
3 x 75 cm	black			P16JE	P17JE	P18JE	P19JE	P20JE		
5 x 75 cm	black		P101JE			P87JE	P94JE			
6 x 45 cm	black			P05JE	P06JE	P07JE	P08JE	P09JE		
6 x 75 cm	black			P22JE	P23JE	P24JE	P25JE	P26JE	P27JE	
7 x 75 cm	black			P107JE	P108JE	P109JE	P110JE			
10 x 45 cm	black			P73JE	P74JE	P65JE	P75JE			
10 x 75 cm	black				P66JE	P67JE	P68JE			
12 x 45 cm	black	P102JE	P103JE	P10JE	P11JE	P12JE				
12 x 75 cm	black			P106JE	P88JE	P61JE	P62JE	P92JE		
13 x 60 cm	black			P76JE	P77JE	P78JE	P79JE	P113JE		
17 x 45 cm	black			P97JE	P80JE					
100 cm	black		P100JE		P98JE	P86JE	P69JE	P63JE	P95JE	P96JE
150 cm	black	P104JE	P41JE	P42JE	P43JE	P44JE	P45JE	P46JE	P47JE	P64JE
180 cm	black		P54JE	P55JE	P56JE	P57JE	P58JE	P59JE		P60JE
250 cm	black		P82JE	P48JE	P49JE	P50JE	P51JE	P52JE	P53JE	P105JE
250 cm in reel	black		Pr82JE	Pr48JE	Pr49JE	Pr50JE	Pr51JE	Pr52JE		

notes

SILK



Thread	Silk
Build	Multifilament (Braided)
Coating	Wax
Indications	General surgery Mouth surgery Cardiac surgery Ophthalmolgy Neurosurgery
Features	Smooth surface and tensility Good properties of the knot Decomposition of silk proteins results in gradual loss of joining soft tissues
Sterility	Ethylene Oxide
Characteristic	Synthetic thread Thread may be black or colourless
Size	USP: 9/0 - 5











SILK

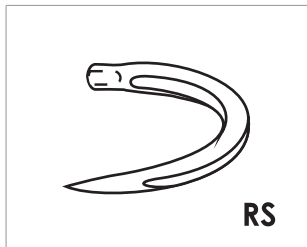
surgical suture, non-absorbable, multifilament, wax coated



spatula (lanced needle)

length	needles			thread length (cm) color	9/0	8/0	7/0	6/0	5/0	4/0	3/0
	curvature	diameter									
6 mm	3/8	200µm		30 black			LZ31JEW				
				45 black	LZ08JEW	LZ09JEW	LZ10JEW				
6 mm	3/8	150µm		45 black	LZ11JEW	LZ12JEW	LZ13JEW	LZ14JEW			
6,4 mm	3/8	230µm		45 black		LZ29JEW					
6,5 mm	3/8	200µm		30 black	LZ27JEW	LZ32JEW					
				45 black		LZ44JEW	LZ28JEW				
6,5 mm micropoint	3/8	200µm		45 black		LZ38JEW					
8 mm	3/8	250µm		45 black			LZ26JEW				
8 mm	1/2	340µm		45 black		LZ18JEW	LZ19JEW	LZ20JEW	LZ21JEW		
8 mm	1/4	340µm		45 black				LZ15JEW	LZ16JEW	LZ17JEW	

notes



SILK

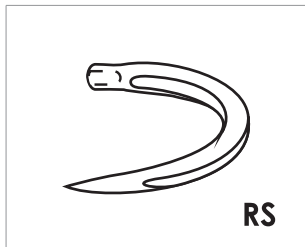
surgical suture, non-absorbable, multifilament, wax coated



round needle

length	needles curvature		thread length (cm) color							
				6/0	5/0	4/0	3/0	2/0	0	1
9 mm	3/8		45 black	RS154JEW						
11 mm	3/8		75 black	RS08JEW	RS09JEW					
13 mm	3/8		45 black		RS26JEW	RS27JEW				
			75 black		RS20JEW	RS21JEW				
16 mm	3/8		75 black		RS186JEW					
17 mm	3/8		75 black			RS155JEW				
13 mm	1/2		45 black	RS14JEW	RS15JEW	RS16JEW	RS17JEW			
			75 black	RS11JEW	RS12JEW	RS13JEW				
16 mm	1/2		45 black	RS30JEW	RS31JEW	RS32JEW	RS33JEW	RS34JEW		
			75 black		RS35JEW	RS36JEW	RS150JEW	RS174JEW		
17 mm	1/2		75 black		RS152JEW	RS151JEW	RS153JEW			
20 mm	1/2		45 black				RS43JEW	RS44JEW		
			75 black			RS161JEW	RS41JEW	RS42JEW		
			90 black					RS173JEW		
20 mm	1/2		55 black			RS159JEW				

notes



SILK

surgical suture, non-absorbable, multifilament, wax coated



round needle

length	needles curvature		thread length (cm) color	4/0	3/0	2/0	0	1	2	3
22 mm	1/2		75 black	RS45JEW	RS46JEW	RS47JEW	RS48JEW	RS37JEW		
22 mm	1/2		90 black	RS49JEW	RS50JEW	RS51JEW	RS52JEW			
26 mm	1/2		75 black	RS53JEW	RS54JEW	RS55JEW	RS56JEW	RS57JEW	RS58JEW	
26 mm thin	1/2		75 black		RS165JEW	RS166JEW	RS167JEW			
30 mm	1/2		45 black		RS160JEW					
			75 black		RS74JEW	RS75JEW	RS76JEW	RS77JEW	RS78JEW	RS79JEW
37 mm	1/2		75 black		RS94JEW	RS96JEW	RS97JEW	RS98JEW	RS99JEW	
			90 black			RS101JEW	RS102JEW	RS103JEW	RS104JEW	
37 mm thin	1/2		75 black			RS188JEW	RS172JEW	RS170JEW	RS169JEW	
40 mm	1/2		75 black			RS113JEW	RS114JEW	RS115JEW	RS116JEW	RS117JEW
40 mm heavy	1/2		75 black						RS149JEW	
48 mm	1/2		75 black			RS131JEW	RS132JEW	RS133JEW	RS134JEW	

notes



SILK

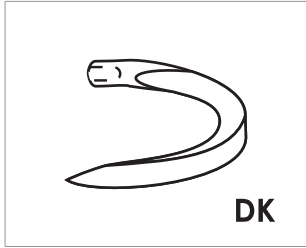
surgical suture, non-absorbable, multifilament, wax coated



cutting needle

length	needles curvature		thread length (cm) color							
				7/0	6/0	5/0	4/0	3/0	2/0	0
8 mm cosmetic	3/8		45 black	DK77JEW						
11 mm cosmetic	3/8		45 black		DK65JEW					
13 mm cosmetic	3/8		45 black		DK02JEW	DK03JEW	DK84JEW			
16 mm cosmetic	3/8		45 black		DK78JEW	DK07JEW	DK08JEW	DK09JEW		
16 mm	3/8		45 black		DK93JEW	DK68JEW	DK66JEW	DK95JEW		
			75 black			DK10JEW	DK11JEW	DK12JEW		
16 mm	3/8		45 black			DK73JEW	DK72JEW			
19 mm	3/8		45 black			DK16JEW	DK17JEW	DK18JEW		
			75 black			DK13JEW	DK14JEW	DK15JEW		

notes



SILK

surgical suture, non-absorbable, multifilament, wax coated



cutting needle

length	needles curvature		thread length (cm) color	6/0	5/0	4/0	3/0	2/0	0	1
24 mm	3/8		75 black				DK70JEW	DK64JEW		
26 mm	3/8		75 black			DK37JEW	DK38JEW	DK39JEW	DK40JEW	DK41JEW
30 mm	3/8		75 black					DK79JEW	DK80JEW	
40 mm	3/8		75 black						DK76JEW	
60 mm	3/8		75 black							DK71JEW

notes



SILK

surgical suture, non-absorbable, multifilament, wax coated



reverse cutting needle

needles		thread		7/0	6/0	5/0	4/0	3/0	2/0	0
length	curvature		length (cm) color							
7 mm	3/8		45 black	DKO138JEW	DKO123JEW					
7 mm	3/8		45 black	DKO145JEW						
8 mm	3/8		45 black	DKO113JEW	DKO128JEW					
10 mm	3/8		45 black		DKO112JEW					
10 mm cosmetic	3/8		45 black		DKO152JEW					
11 mm	3/8	330 µm	45 black		DKO127JEW					
12 mm	3/8		45 black		DKO03JEW	DKO04JEW	DKO05JEW			
			75 black			DKO173JEW				
12 mm	3/8		45 black		DKO130JEW	DKO118JEW	DKO100JEW			
13 mm	3/8	430 µm	45 black			DKO162JEW	DKO126JEW			
13 mm cosmetic	3/8		45 black			DKO47JEW	DKO142JEW			
13 mm	3/8		45 black			DKO165JEW				
			50 black				DKO137JEW			
14 mm	3/8		75 black				DKO136JEW			
16 mm	3/8		45 black		DKO102JEW	DKO06JEW	DKO07JEW	DKO08JEW		
			4x45 black				DKO133JEW			
			75 black			DKO09JEW	DKO10JEW	DKO11JEW	DKO101JEW	
16 mm cosmetic	3/8		45 black			DKO12JEW	DKO13JEW	DKO14JEW		
			75 black				DKO139JEW			
19 mm	3/8		45 black			DKO18JEW	DKO19JEW	DKO20JEW	DKO21JEW	
			75 black				DKO24JEW	DKO25JEW	DKO159JEW	
19 mm cosmetic	3/8		45 black			DKO15JEW	DKO16JEW	DKO17JEW		

Catalogue contains the basic kinds of the connections of the needle with the thread. We can create non-standards connections acc. to individual orders.



SILK

surgical suture, non-absorbable, multifilament, wax coated



reverse cutting needle

needles		thread length (cm) color							
length	curvature		4/0	3/0	2/0	0	1	2	3
24 mm	3/8	45 black	DKO104JEW	DKO73JEW	DKO96JEW				
		75 black	DKO29JEW	DKO30JEW	DKO31JEW	DKO32JEW			
26 mm	3/8	45 black	DKO129JEW	DKO40JEW	DKO41JEW	DKO42JEW	DKO43JEW		
		75 black		DKO37JEW	DKO38JEW	DKO39JEW			
26 mm cosmetic	3/8	45 black		DKO35JEW	DKO36JEW				
30 mm	3/8	45 black			DKO116JEW	DKO94JEW			
		75 black		DKO105JEW	DKO114JEW	DKO93JEW	DKO155JEW		
35 mm	3/8	75 black		DKO49JEW	DKO50JEW	DKO51JEW	DKO52JEW	DKO53JEW	
39 mm	3/8	45 black				DKO117JEW			
		75 black			DKO61JEW	DKO62JEW	DKO63JEW	DKO64JEW	DKO65JEW
45 mm	3/8	75 black				DKO115JEW			
48 mm	3/8	75 black				DKO121JEW		DKO125JEW	
60 mm	3/8	75 black		DKO150JEW				DKO143JEW	
		90 black					DKO167JEW		
65 mm	3/8	75 black						DKO92JEW	
77 mm	3/8	75 black						DKO156JEW	

notes



SILK
 surgical suture, non-absorbable, multifilament,
 wax coated



reverse cutting needle

needles		thread length (cm) color							
length	curvature		4/0	3/0	2/0	0	1	2	3
77 mm	3/8	75 black						DKO212JEW	
90 mm	3/8	100 black					DKO107JEW	DKO108JEW	DKO109JEW

notes



SILK
surgical suture, non-absorbable, multifilament,
wax coated



reverse cutting needle

needles			thread length (cm) color	8/0	7/0	6/0	5/0	4/0	3/0	2/0
length	curvature									
8 mm	1/2		45 black	DKO01JEW	DKO02JEW	DKO111JEW				
21mm	1/2		75 black				DKO132JEW	DKO131JEW		DKO74JEW

notes



SILK

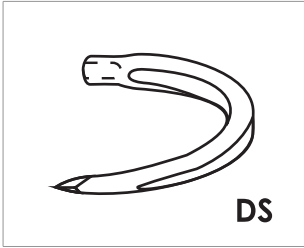
surgical suture, non-absorbable, multifilament, wax coated



reverse cutting needle

needles		thread		3/0	2/0	0	1	2	3	4
length	curvature		length (cm) color							
40 mm	1/2		75 black	DKO69JEW	DKO70JEW	DKO71JEW	DKO72JEW	DKO154JEW		
55 mm	straight		100 black		DKO158JEW					
60 mm	straight		75 black		DKO110JEW					

notes



SILK

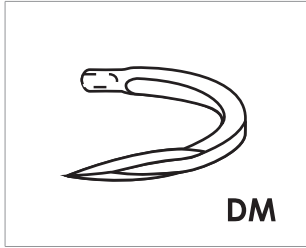
surgical suture, non-absorbable, multifilament, wax coated



round needle with a cutting edge (sharpened)

length	needles curvature		thread length (cm) color							
				6/0	5/0	4/0	3/0	2/0	0	1
12 mm	3/8		75 black	DS03JEW						
16 mm	3/8		75 black		DS06JEW	DS07JEW	DS08JEW			
24 mm	3/8		75 black			DS13JEW	DS14JEW	DS15JEW		
20 mm	1/2		75 black			DS09JEW	DS10JEW	DS11JEW		
20 mm heavy	1/2		75 black					DS12JEW		
26 mm	1/2		75 black				DS16JEW	DS17JEW		

notes



SILK

surgical suture, non-absorbable, multifilament, wax coated



reverse cutting p needle blade

needles			thread		6/0	5/0	4/0	3/0	2/0	0	1
length	curvature		length (cm)	color							
11 mm	3/8		45	black	DM01JEW						
13 mm	3/8		45	black		DM02JEW					
16 mm	3/8		45	black			DM03JEW				
24 mm	3/8		75	black			DM04JEW				

notes

SILK

surgical suture, non-absorbable, multifilament,
wax coated

LIGATURES

length threads	color thread	5/0	4/0	3/0	2/0	0	1	2	3	4
2 x 75 cm	black			P89JEW	P90JEW	P91JEW	P70JEW			
2 x 150 cm	black				P83JEW	P85JEW	P72JEW	P81JEW		
3 x 45 cm	black			P01JEW	P02JEW	P03JEW	P04JEW			
3 x 75 cm	black			P16JEW	P17JEW	P18JEW	P19JEW	P20JEW		
5 x 75 cm	black		P101JEW			P87JEW	P94JEW			
6 x 45 cm	black			P05JEW	P06JEW	P07JEW	P08JEW	P09JEW		
6 x 75 cm	black			P22JEW	P23JEW	P24JEW	P25JEW	P26JEW	P27JEW	
10 x 45 cm	black			P73JEW	P74JEW	P65JEW	P75JEW			
10 x 75 cm	black				P66JEW	P67JEW	P68JEW			
12 x 45 cm	black	P102JEW	P103JEW	P10JEW	P11JEW	P12JEW				
12 x 75 cm	black				P88JEW	P61JEW	P62JEW	P92JEW		
13 x 60 cm	black			P76JEW	P77JEW	P78JEW	P79JEW			
17 x 45 cm	black			P97JEW	P80JEW	P120JEW				
100 cm	black		P100JEW		P98JEW	P86JEW	P69JEW	P63JEW	P95JEW	P96JEW
150 cm	black	P104JEW	P41JEW	P42JEW	P43JEW	P44JEW	P45JEW	P46JEW	P47JEW	P64JEW
180 cm	black		P54JEW	P55JEW	P56JEW	P57JEW	P58JEW	P59JEW		P60JEW
250 cm	black		P82JEW	P48JEW	P49JEW	P50JEW	P51JEW	P52JEW	P53JEW	P105JEW
250 cm in reel	black			Pr48JEW	Pr49JEW	Pr50JEW	Pr51JEW	Pr52JEW		

notes

