

# **SURGICAL SUTURES**

Product Guide

**doğsan**

# doğsan



## ● Continuous Improvement

The main goal of Doğsan is increasing customer satisfaction through continuous improvements.

## ● Teamwork

Doğsan employs highly experienced and skilled personnel and believes in working as a team to accomplish its goals.

**your reliable partner**

# doğsan

## ● Experience

Established in 1970, Doğsan has a long tradition in suture manufacturing and is the first sterile surgical suture manufacturer in her region.

Doğsan is a well respected brand name in her region for quality and is now offering its quality products to global markets.

## ● Sutures to meet every surgeons needs

Doğsan has a comprehensive range of absorbable and non-absorbable sutures. Manufacturing sutures ranging from USP 12/0 to USP 8, Doğsan offers an extensive variety of products for all branches of surgery including, cardiovascular surgery, microsurgery and ophthalmology.

## ● Customer Focus

Doğsan is committed to understand and meet the needs of her customers: Surgeons, Nurses and Distributors.

As the requirements of modern surgery change, Doğsan uses its experience and customer focus to customize its technology and product range to meet the most demanding surgeons and nurses.

## ● Commitment to Global Quality Standards

We are committed to global quality principles. Our main goal is to increase customer satisfaction and continuously improve our quality by working as a team.

cGMP (Good Manufacturing Practices)

EP (European Pharmacopoeia)

USP (United States Pharmacopoeia)

ISO 9001:2000 ISO 13485:2003

93/42/EEC Medical Devices Directive, 

**your reliable partner**



# Product Index

## absorbable



	<b>pegelak<sup>®</sup></b> polyglycolic acid(%90)-co-lactic acid (%10), PGLA
	<b>pegelak<sup>®</sup>rapid</b> polyglycolic acid(%90)-co-lactic acid (%10), PGLA
	<b>pegelak<sup>®</sup>C-plus</b> polyglycolic acid(%90)-co-lactic acid (%10), PGLA
	<b>pegesorb<sup>®</sup></b> polyglycolic acid, PGA
	<b>Pegesorb<sup>®</sup>rapid</b> polyglycolic acid, PGA
	<b>tekmon<sup>®</sup></b> polyglycolic acid (%75)-co-caprolactone(%25), PGCL
	<b>pedesente<sup>®</sup></b> polydioxanone, PDO

## non-absorbable

	<b>propilen<sup>®</sup></b> polypropylene
	<b>trofilen<sup>®</sup></b> polyvinylidene fluoride
	<b>daylon<sup>®</sup></b> polyamide
	<b>politer<sup>®</sup></b> polyester
	<b>silk</b> silk
	<b>daxton<sup>®</sup>-D</b> polytetrafluoroethylene
	<b>tektel<sup>®</sup></b> 316L Stainless Steel Wire
	<b>dopace<sup>®</sup></b> Twisted 316L stainless steel wire, with polyethylene (PE) coated (sheathed)

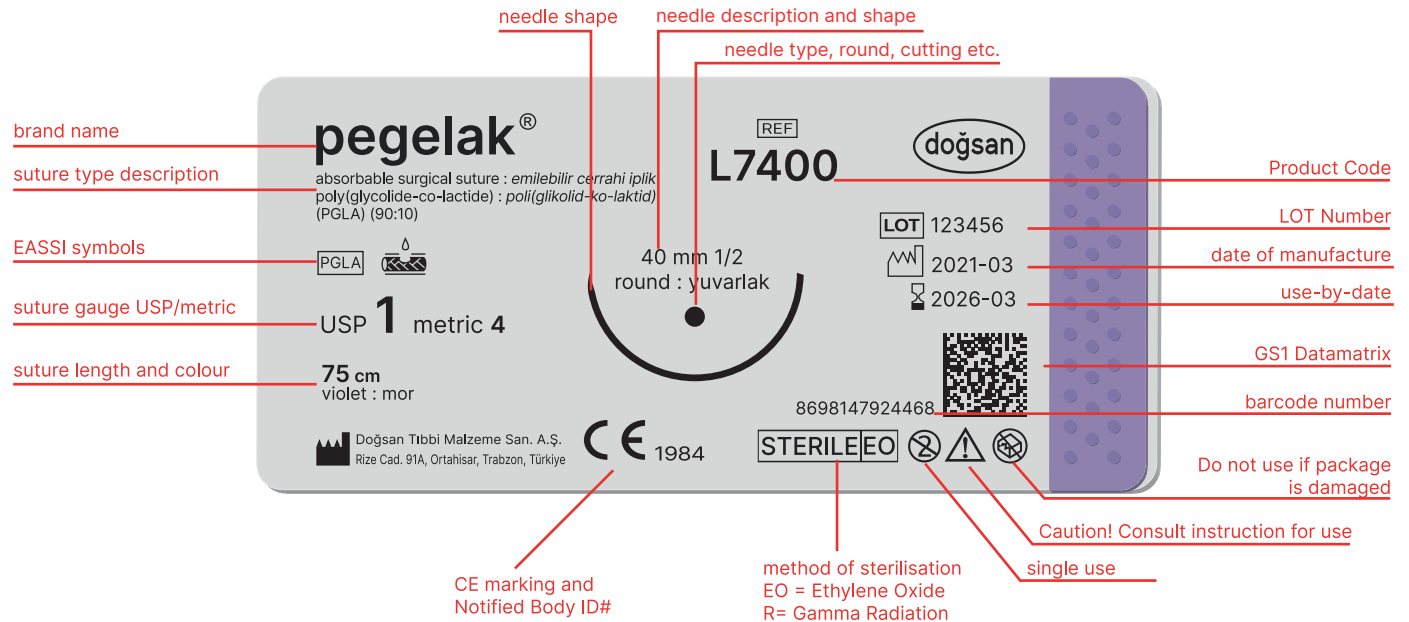
microsurgery and  
ophthalmology

## How To Use This Product Guide

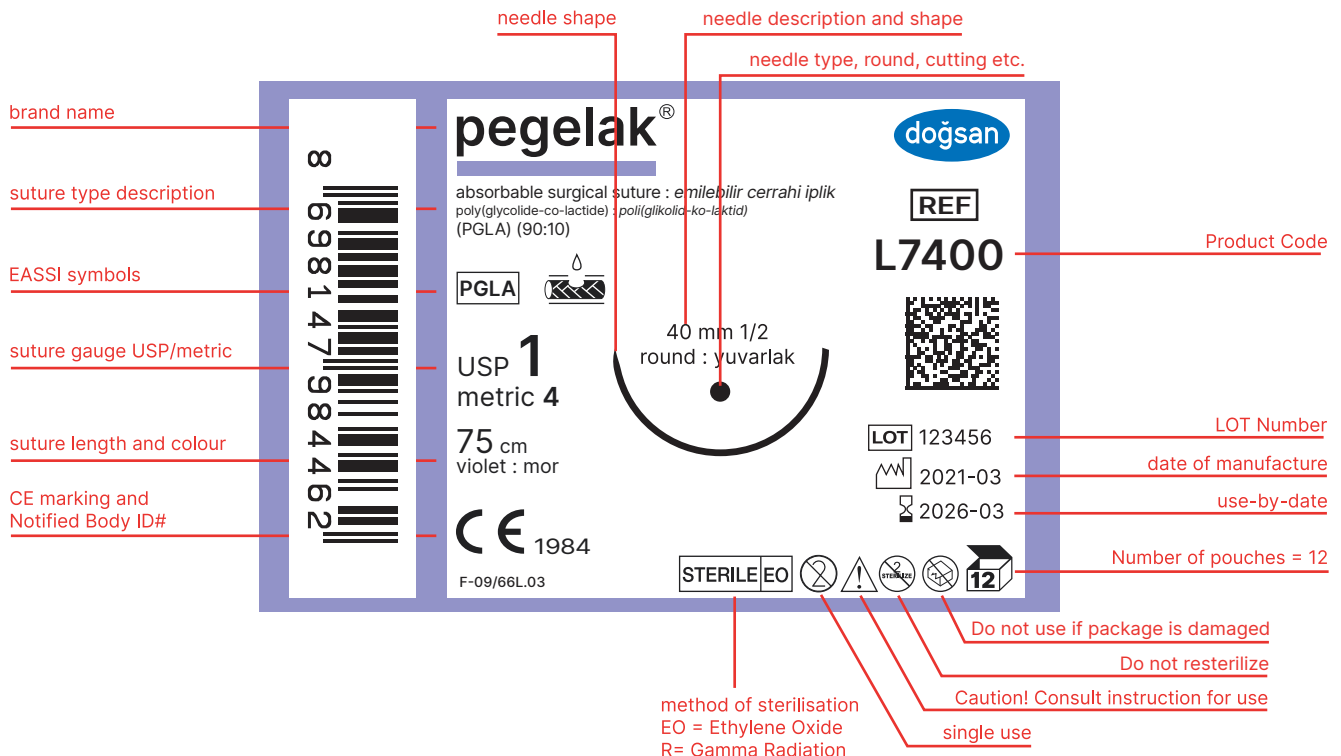
Needle description - Needle type and the description of the needle		Needle profile	Needle diameter	Colour of suture strand	Length of the suture (cm)	Size Grid - Indicates the USP size (below) and metric size (top) for each product listed.		
needle information			needle diameter	colour	suture length	0.7 6/0	1 5/0	1.5 4/0
13mm								
3/8 round bodied		330 μ	undyed	45 cm	J131			
		330 μ	violet	45 cm	L131			
		330 μ	violet	60 cm		L231		
		430 μ	violet	60 cm			L331	
3/8 PL		380 μ	violet	45 cm	L139			
		430 μ	violet	45 cm		L239		

# Explanation of Labelling

## Product Label



## Dozen Box Label



# EP/USP Tensile Strength Table (minimum values)

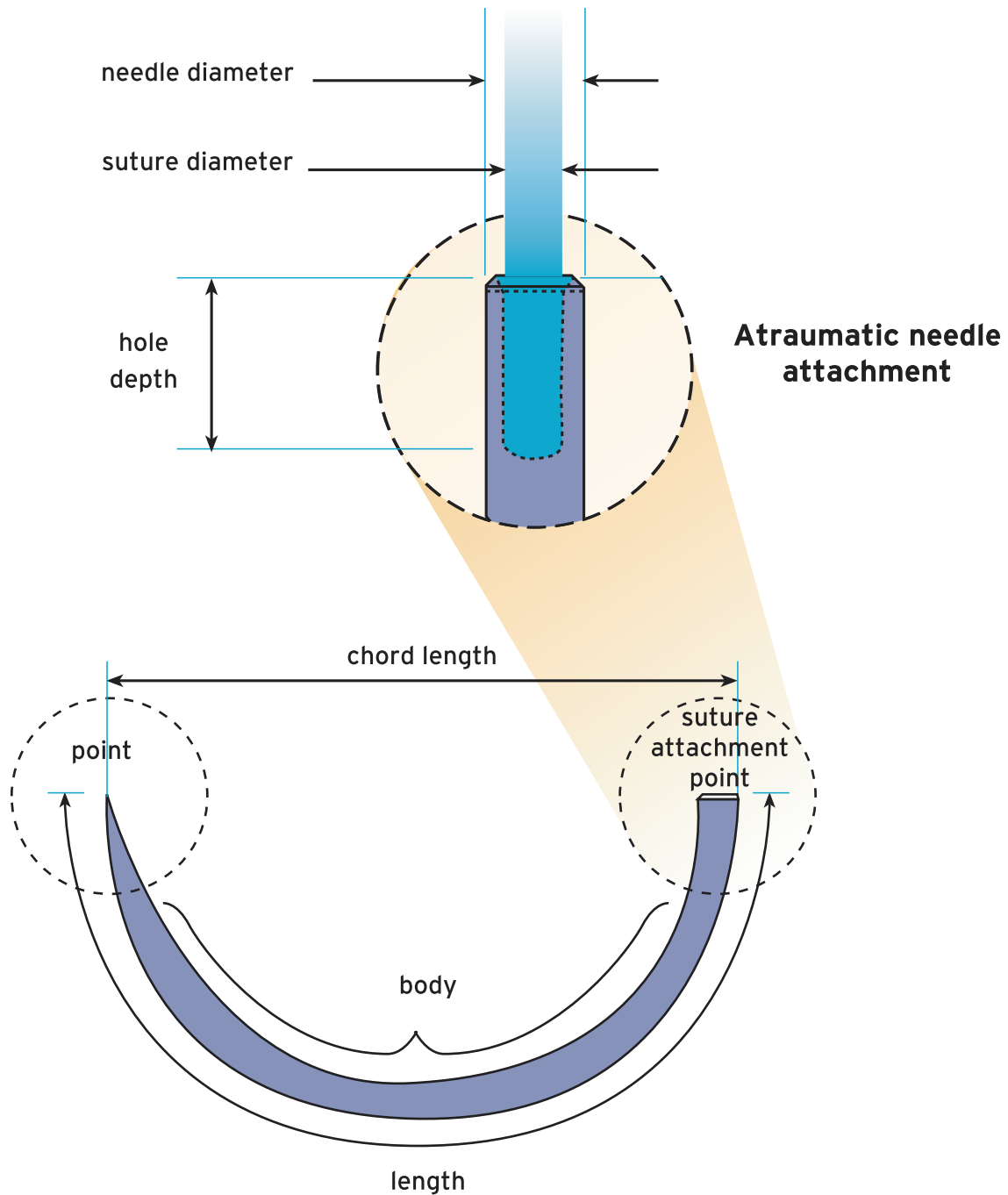
		NON-ABSORBABLE					SYNTHETIC ABSORBABLE			
USP	metric	DIAMETER	TENSILE STRENGTH		STEEL WIRE		DIAMETER		TENSILE STRENGTH	
		(mm)	(kgf)		(kgf)		MONOFILAMENT	MULTIFILAMENT	(kgf)	
		min-max	min	avarage	min	avarage	min-max (mm)	min-max (mm)	min	avarage
11/0	0.1	0.010 - 0.019	-	0.003			-	-	-	
10/0	0.2	0.020 - 0.029	-	0.010			-	-	-	
9/0	0.3	0.030 - 0.039	0.006	0.035			-	-	0.023	0.045
8/0	0.4	0.040 - 0.049	0.015	0.060			-	0.040 - 0.049	0.035	0.070
7/0	0.5	0.050 - 0.069	0.030	0.102			0.050 - 0.094	0.050 - 0.069	0.070	0.140
6/0	0.7	0.070 - 0.099	0.060	0.150			0.095 - 0.149	0.070 - 0.099	0.130	0.250
5/0	1	0.100 - 0.149	0.102	0.310			0.150 - 0.199	0.100 - 0.149	0.340	0.680
4/0	1.5	0.150 - 0.199	0.150	0.510			0.200 - 0.249	0.150 - 0.199	0.470	0.950
3/0	2	0.200 - 0.249	0.310	0.920			0.250 - 0.339	0.200 - 0.249	0.890	1.750
2/0	3	0.300 - 0.349	0.920	1.530			0.340 - 0.399	0.300 - 0.349	1.340	2.680
0	3.5	0.350 - 0.399	1.330	2.240			0.400 - 0.499	0.350 - 0.399	1.850	3.900
1	4	0.400 - 0.499	1.530	2.750			0.500 - 0.570	0.400 - 0.499	2.540	5.080
2	5	0.500 - 0.599	2.240	3.570	4.420	5.900	0.571 - 0.610	0.500 - 0.599	3.180	6.350
3 & 4	6	0.600 - 0.699	2.750	5.100	6.830	9.110	-	-	-	-
5	7	0.700 - 0.799	3.570	6.320	8.550	11.400	-	-	-	-
6	8	0.800 - 0.899	5.100	7.450	10.200	13.600	-	-	-	-
7	9	0.900 - 0.999	-	-	11.930	15.980	-	-	-	-
8	10	1.000 - 1.099	-	-	13.650	18.200	-	-	-	-



# Needles













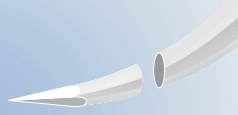



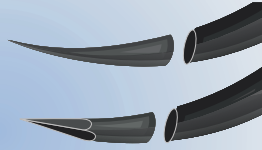




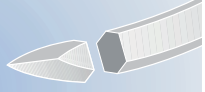





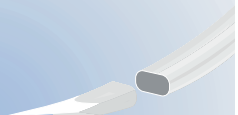






# Structure of Atraumatic Needles



## Needle Types According to Curvature

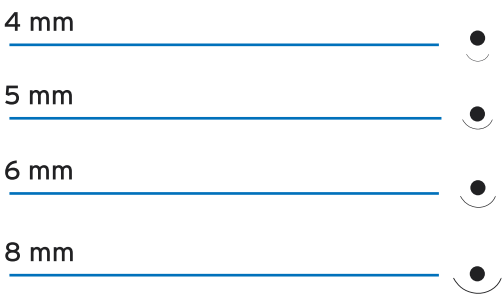


# Atraumatic Surgical Needles

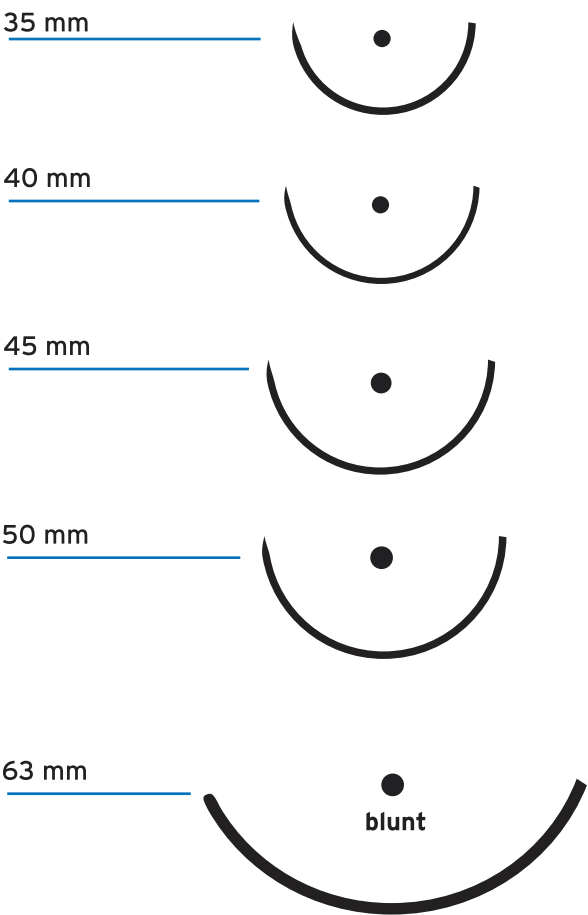
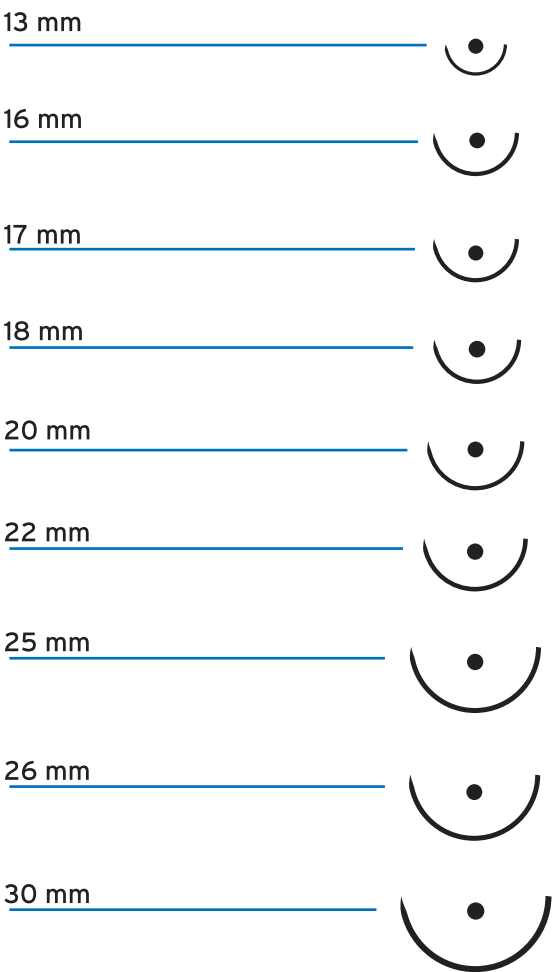
name	tip	body	symbol	description
round bodied				<ul style="list-style-type: none"> <li>The most popular and classic needle type.</li> <li>Use in all soft tissue approximation including cardiovascular surgery.</li> </ul>
cutting	inside 			<ul style="list-style-type: none"> <li>Edges are specially sharpened for an easy and smooth penetration.</li> <li>Cutting edge is inside the needle.</li> <li>Used in skin closures and in all applications requiring cutting needles.</li> </ul>
	outside 			<ul style="list-style-type: none"> <li>Edges are specially sharpened for an easy and smooth penetration.</li> <li>Cutting edge is outside the needle.</li> <li>Widely used in skin closures and especially in plastic surgery.</li> </ul>
KD 				<ul style="list-style-type: none"> <li>Specially designed for cardiovascular surgery for calcified vessels and tough fibrous tissues.</li> <li>The body is pressed to square shape to increase resistance to bending.</li> <li>Tip is specially sharpened for superior penetration.</li> </ul>
black 		 	 	<ul style="list-style-type: none"> <li>Used where better visibility and prevention of reflection of the needle is required (eg when blood concentration is high).</li> <li>Darkening of the metal is made by surface oxidation technique.</li> <li>Widely used in cardiovascular surgery.</li> </ul>
spatuled				<ul style="list-style-type: none"> <li>Both side edges and upper surface are cutting while the body is flattened.</li> <li>Widely used in ophthalmic surgery.</li> </ul>
blunt point				<ul style="list-style-type: none"> <li>The tip of the needle sharpness of round bodied is reduced.</li> <li>Uses include repair of liver and sensitive friable tissues.</li> </ul>
diamond (taper cut)				<ul style="list-style-type: none"> <li>For better penetration and less tissue trauma, tip of the needle is sharpened.</li> <li>Widely used in cardiovascular/thoracic, orthopedic, obstetrics/gynecologic surgery and repairs of tendons and fibrous</li> </ul>
PL 				<ul style="list-style-type: none"> <li>Special geometry for easy penetration and high resistance to bending with a slim body.</li> <li>Widely used in plastic and cosmetic surgery and skin closures.</li> </ul>

# Round Bodied (taper) Needles

3/8



1/2



5/8



# Special Needles

## Diamond (taper cut)

3/8



1/2



## KD

3/8







1/2






# Special Needles

## Black

3/8



- 8 mm  black
- 10 mm  black
- 10 mm  black
- 13 mm  black

1/2

- 16 mm  black
- 20 mm  black
- 25 mm  black

## Spatulated Needles

3/8

- 6 mm 
- 8 mm 

1/4

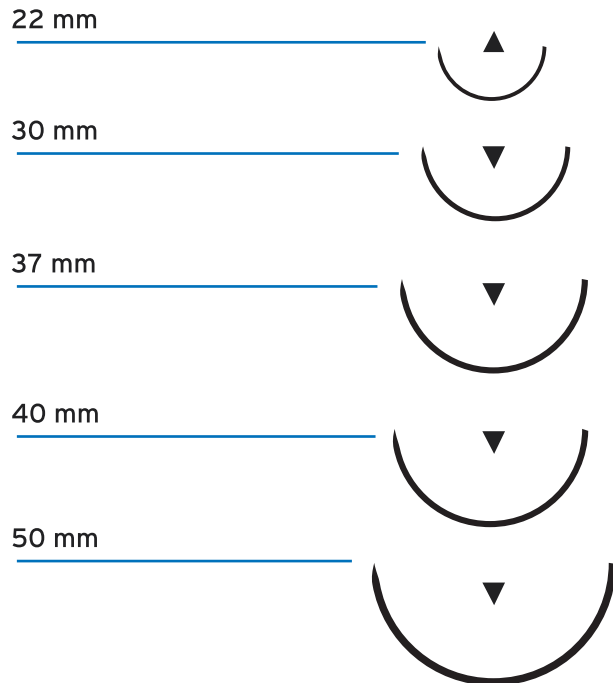
## PL Needles

- 13 mm 
- 16 mm 
- 19 mm 
- 25 mm 



# Cutting Needles

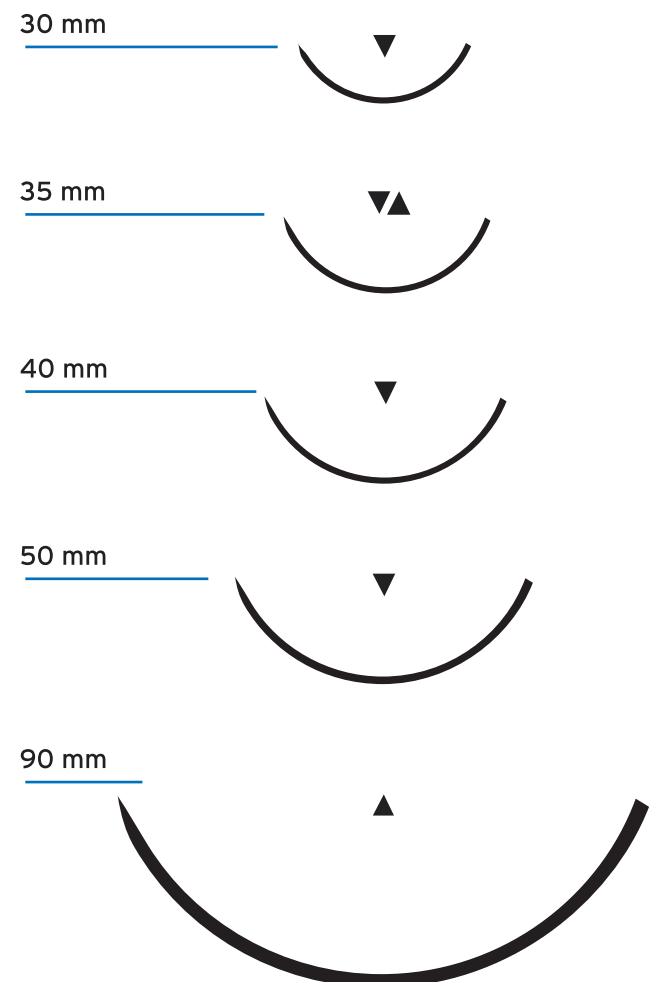
1/2



straight



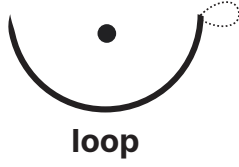
3/8



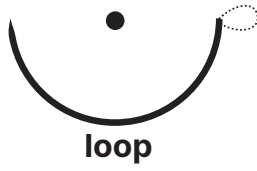
# Special Needles

## Loop

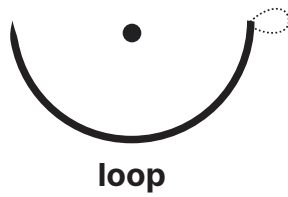
40 mm

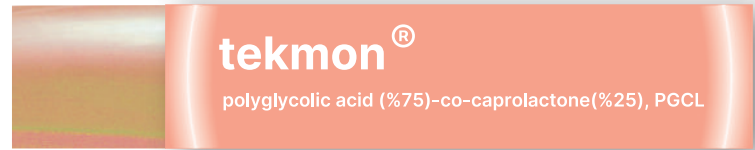
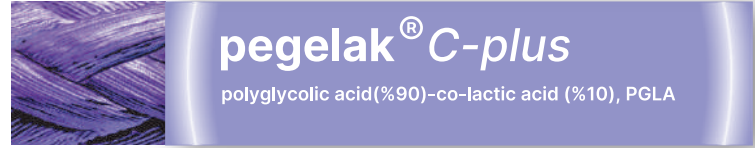
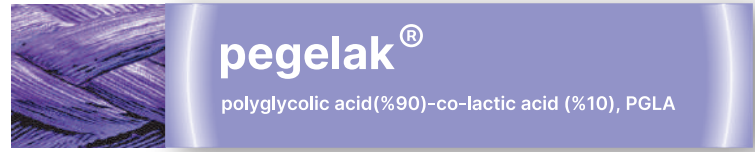


45 mm



50 mm

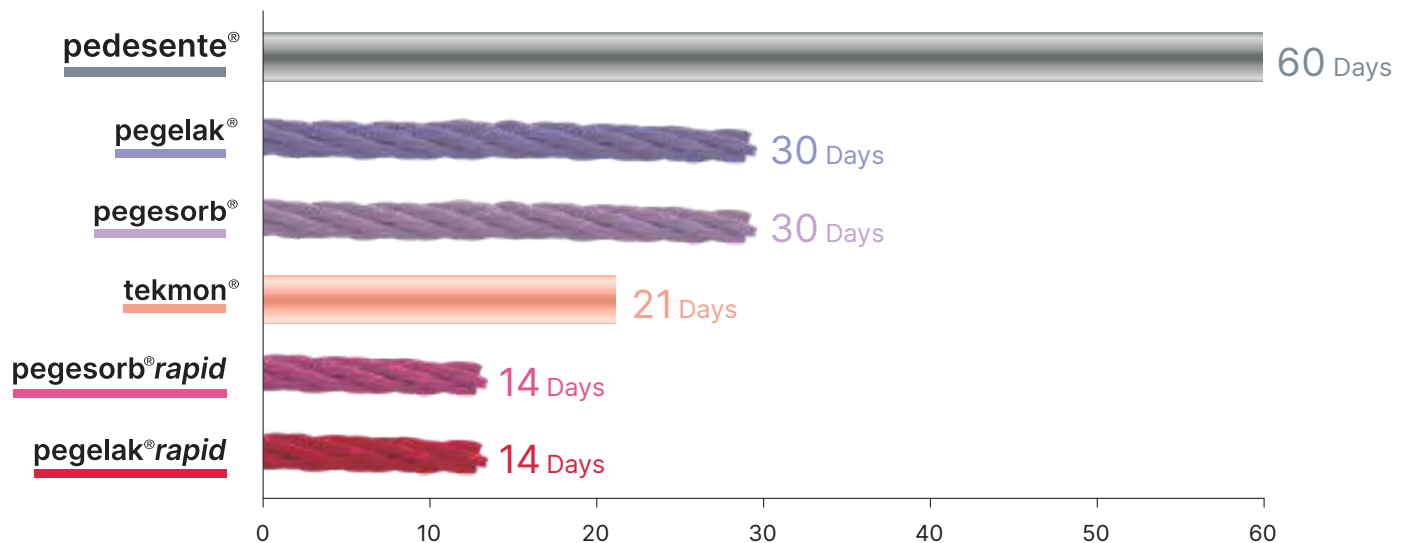




# Absorbable Sutures

# Absorbable Sutures

## Wound Support\*



\*Data is intended as guidance only.

## Absorbable Sutures For All Your Needs



# pegelak®














Description:	Absorbable, synthetic, braided, coated suture for medium term wound support with well proven record and composition
Characteristics:	Excellent handling properties Excellent knot security and tie-down Very high tensile strength  Medium term wound support ( ~ 30 days)
Absorption:	Essentially complete in 56-70 days
Material:	polyglycolic acid (%90)-co-L-lactid acid ( %10), <i>PGLA [Copolymer of glycolide and L-lactide (90:10)]</i>
Coating:	poly(glycolide-co-L-lactide) PGLA (30:70) and calcium stearate
Structure:	Braided (multifilament)
Colour:	Violet / undyed (beige)
Sterilization:	EO
Packaging:	Available in USP 7/0 (metric 0.5) through USP 2 (metric 5) in boxes of 12 (one dozen) aluminium pouches.


needle information	needle diameter	colour	suture length	0.5	0.7	1	1.5
				7/0	6/0	5/0	4/0

8 mm								
1/4 spatulated, double		280 µ	violet	45 cm		L1882		



10 mm								
3/8 cutting		280 µ	violet	45 cm		L103		


13 mm								
1/2 round bodied		280 µ	violet	45 cm		L130		
		330 µ	violet	75 cm			L230	
3/8 round bodied		330 µ	violet	45 cm		L131		
		330 µ	violet	60 cm			L231	
		380 µ	violet	60 cm				L331
3/8 cutting		380 µ	violet	45 cm			L233	
3/8 PL		280 µ	violet	45 cm		L139		
straight diamond		430 µ	violet	75 cm				L338



needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

16 mm								
1/2 round bodied		violet	75 cm	L2160	L3160	L4160		
3/8 cutting		violet	75 cm	L2165	L3165	L4165		
3/8 round bodied		violet	45 cm	L2161				

needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0



18 mm							
1/2 round bodied		violet	75 cm		L3180	L4180	
straight diamond		violet	75 cm		L3188		

19 mm							
3/8 PL		violet	45 cm			L4199	
		undyed	45 cm			J4199	



20 mm							
1/2 round bodied		violet	75 cm		L3200	L4200	
3/8 cutting		violet	75 cm		L3203	L4203	
		violet	75 cm		L3213	L4213	



25 mm							
1/2 round bodied		violet	75 cm		L3250	L4250	L5250
		violet	90 cm				L6260
3/8 cutting		violet	45 cm		L3255	L4255	L5255



needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2

26 mm							
1/2 round bodied		violet	75 cm	L4270			
3/8 cutting		violet	75 cm	L4263	L5263		
		undyed	75 cm	J4263	J5263		


needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2


30 mm								
1/2 round bodied		violet	75 cm	L4300	L5300	L6300	L7300	
		violet	90 cm		L5310		L7310	
3/8 cutting		violet	75 cm	L4303	L5303	L6303		

35 mm								
1/2 round bodied		violet	75 cm		L5350	L6350	L7350	
		violet	90 cm					
3/8 cutting		violet	75 cm	L4353	L5353			


40 mm								
1/2 round bodied		violet	75 cm		L5400	L6400	L7400	L8400
		violet	90 cm			L6410	L7410	
1/2 cutting		violet	90 cm			L6414	L7414	
		violet	75 cm				L7404	


needle information	colour	suture length	1.5	2	3	3.5	4	5
			4/0	3/0	2/0	0	1	2

45 mm								
1/2 round bodied		violet	75 cm					L7450 L8450
		violet	90 cm					L7460

50 mm								
1/2 round bodied		violet	75 cm			L5500	L6500	L7500 L8500
		violet	90 cm				L6510	L7510 L8510

needle information	colour	suture length	1.5	2	3	3.5	4	5
			4/0	3/0	2/0	0	1	2

60 mm								
straight cutting		violet	75 cm	L3608	L4608			

63 mm								
3/8 blunt point liver needle		violet	75 cm					L7638

needle information	colour	1	1.5	2	3	3.5	4	5
		5/0	4/0	3/0	2/0	0	1	2

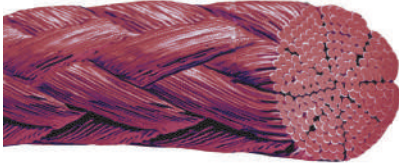
without needle								
150 cm	violet			L45	L55	L65	L75	L85
6x45 cm	violet			L42	L52	L62	L72	
12x45 cm	violet		L34	L44	L54	L64		






# pegelak® rapid











Description:	Absorbable, synthetic, braided, coated suture for short term wound support, ideal for fast healing wounds
Characteristics:	Quick absorption - increase in patient comfort and cosmetic results Excellent handling properties Excellent knot security and tie-down  Short term wound support ( ~ 14 days)
Absorption:	Essentially complete in 42 days
Material:	polyglycolic acid (%90)-co-L-lactid acid ( %10), <i>PGLA [Copolymer of glycolide and L-lactide (90:10)]</i>
Coating:	poly(glycolide-co-L-lactide) PGLA (30:70) and calcium stearate
Structure:	Braided (multifilament)
Colour:	Undyed (beige)
Sterilization:	Gamma Irradiation
Packaging:	Available in USP 6/0 (metric 0.7) through USP 2 (metric 5) in boxes of 12 (one dozen) aluminium pouches.

needle information	needle diameter	colour	suture length	0.7	1	1.5	2
				6/0	5/0	4/0	3/0

10 mm							
3/8 cutting		280 µ	undyed	45 cm	Q103		



13 mm							
3/8 cutting		280 µ	undyed	45 cm	Q133		
		380 µ	undyed	45 cm		Q233	
3/8 PL		280 µ	undyed	45 cm	Q139		
		330 µ	undyed	45 cm		Q239	
straight diamond		430 µ	undyed	75 cm			Q338

needle information	colour	suture length	0.7	1	1.5	2
			6/0	5/0	4/0	3/0




16 mm							
1/2 round bodied		undyed	45 cm	Q1160			
		undyed	75 cm		Q2160	Q3160	Q4160
3/8 cutting		undyed	75 cm		Q2165	Q3165	Q4165
3/8 PL		undyed	75 cm		Q2169	Q3169	

18 mm							
1/2 round bodied		undyed	75 cm			Q3180	


19 mm							
3/8 PL		undyed	45 cm			Q3199	


20 mm							
1/2 round bodied		undyed	75 cm			Q3200	Q4200
3/8 cutting		undyed	45 cm				Q4203
		undyed	75 cm			Q3213	Q4213

needle information	colour	suture length	1.5	2	3	3.5	4
			4/0	3/0	2/0	0	1


25 mm							
1/2 round bodied		undyed	75 cm	Q3250	Q4250	Q5250	
3/8 cutting		undyed	45 cm		Q4255	Q5255	
3/8 PL		undyed	45 cm	Q3259	Q4259		


26 mm							
3/8 cutting		undyed	75 cm		Q4263	Q5263	

30 mm							
1/2 round bodied		undyed	75 cm		Q4300	Q5300	Q6300

35 mm							
1/2 round bodied		undyed	75 cm			Q5350	Q6350
		undyed	90cm			Q5360	

needle information	colour	suture length	3	3.5	4	5
			2/0	0	1	2

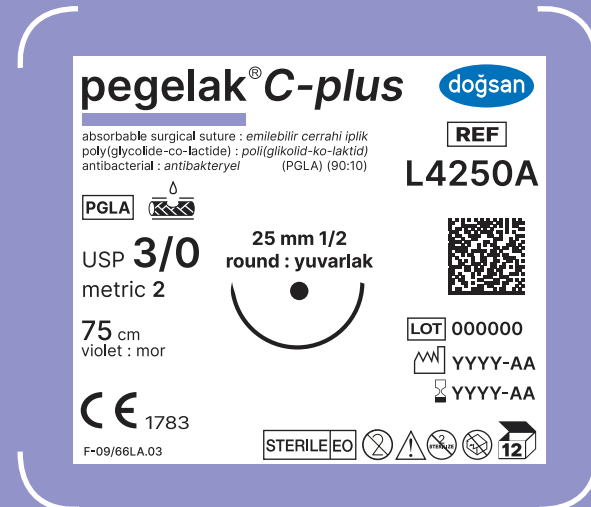
40 mm							
1/2 round bodied		undyed	75 cm	Q5400	Q6400	Q7400	
		undyed	90 cm	Q5410	Q6410	Q7410	

50 mm							
1/2 round bodied		undyed	90 cm	Q5500	Q6500	Q7500	Q8500

without needle							
150 cm		undyed				Q75	



# pegelak® C-plus







# Pegelak<sup>®</sup> C-plus





Description:	Absorbable, synthetic, braided, coated, antibacterial suture for medium term wound support with well proven record and composition
Characteristics:	<p>easy to handle excellent knot security excellent tensile strength</p> <p>PEGELAK C-plus sutures contain a broad-spectrum antibacterial (Chlorhexidine diacetate) and have been found to be non-antigenic, non-pyrogenic, and elicit only a mild tissue reaction during absorption.</p> <p>PEGELAK C-plus reduces surgical site infection</p>
Absorption:	Essentially complete in 56-70 days
Material:	polyglycolic acid (%90)-co-L-lactid acid ( %10), <i>PGLA [Copolymer of glycolide and L-lactide (90:10)]</i>
Coating:	poly(glycolide-co-L-lactide) PGLA (30:70) and calcium stearate
Structure:	Braided (multifilament)
Colour:	Violet / undyed (beige)
Sterilization:	EO
Packaging:	Available in USP 7/0 (metric 0.5) through USP 2 (metric 5) in boxes of 12 (one dozen) aluminium pouches.


needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

18 mm							
3/8 cutting		violet	75 cm			L4183A	


20 mm							
1/2 roud bodied		violet	75 cm		L3200A		


25 mm							
1/2 roud bodied		violet	75 cm			L4250A	L5250A
		violet	75 cm				

30 mm							
1/2 roud bodied		violet	75 cm				L5300A

35 mm							
1/2 roud bodied		violet	75 cm				L5350A


needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2

40 mm							
1/2 roud bodied		violet	75 cm		L5400A	L6400A	
		violet	90 cm			L6410A	L7410A

50 mm							
1/2 roud bodied		violet	90 cm				L7510A L8510A




# pegesorb®

**pegesorb®** 

absorbable surgical suture : emilebilir cerrahi iplik  
polyglycolic acid : poliglikolik asit (PGA)

**REF G9672**

**PGA** 

**6 mm 3/8**  
**spatulated double :**  
**spatül - çift**


**USP 8/0**  
**metric 0.4**

**45 cm**  
**violet : mor**

**200 µ**

**LOT 000000**  
**YYYY-AA**  
**YYYY-AA**

**CE 1984**


**STERILE EO** 

F-09/66G.03





Description:	Absorbable, synthetic, braided, coated suture for medium term wound support with highest tensile strength
Characteristics:	Very high tensile strength Excellent handling properties Excellent knot security and tie-down  Medium term wound support ( ~ 30 days)
Absorption:	Essentially complete in 60-90 days
Material:	polyglycolic acid, PGA %100
Coating:	poly(glycolide-co-L-lactide) PGLA (30:70) and calcium stearate <i>(Also available with polycaprolactone &amp; calcium stearate)</i>
Structure:	Braided (multifilament)
Colour:	Violet / undyed (beige)
Sterilization:	EO
Packaging:	Available in USP 8/0 (metric 0.4) through USP 2 (metric 5) in boxes of 12 (one dozen) aluminium pouches.


needle information	needle diameter	colour	suture length	0.4	0.5	0.7	1
				8/0	7/0	6/0	5/0


6 mm							
3/8 spatulated, double		200 µ	violet	45 cm	G9672		


needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

16 mm							
1/2 round bodied		violet	75 cm	G2160			
3/8 cutting		violet	75 cm		L3165		
		undyed	75 cm		I3165		


18 mm							
1/2 round bodied		violet	75 cm		G3180		

20 mm							
1/2 round bodied		violet	75 cm		G3200	G4200	


25 mm							
1/2 round bodied		violet	75 cm		G3250	G4250	G5250



26 mm							
3/8 cutting		violet	75 cm			G4263	G5263

needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2


30 mm							
1/2 round bodied		violet	75 cm	G4300	G5300	G6300	G7300
		violet	90 cm				G7310


needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2

35 mm								
1/2 round bodied		violet	75 cm		G5350	G6350	G7350	
		violet	90 cm		G5360	G6360		

40 mm								
1/2 round bodied		violet	75 cm		G5400	G6400	G7400	G8400
		violet	90 cm		G5360	G6410	G7410	G8410
1/2 cutting		violet	90 cm				G7414	

needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2

45 mm								
1/2 round bodied		violet	90 cm				G7460	G8460

50 mm								
1/2 round bodied		violet	75 cm				G7500	G8500
		violet	75 cm				G7510	G8510

needle information	colour	1	1.5	2	3	3.5	4	5
		5/0	4/0	3/0	2/0	0	1	2

without needle								
150 cm	violet					G65	G75	
3x45 cm	violet						G78	G88
6x45 cm	violet				G52	G62	G72	G82
12x45 cm	violet			G44				



# pegesorb® rapid





Description:	Absorbable, synthetic, braided, coated suture for short term wound support, ideal for fast healing wounds
Characteristics:	Quick absorption - increase in patient comfort, cosmetic results Excellent handling properties Excellent knot security and tie-down  Short term wound support ( ~ 14 days)
Absorption:	Essentially complete in 42 days
Material:	polyglycolic acid, PGA %100
Coating:	poly(glycolide-co-L-lactide) PGLA (30:70) and calcium stearate
Structure:	Braided (multifilament)
Colour:	Undyed (beige)
Sterilization:	Gamma Irradiation
Packaging:	Available in USP 5/0 (metric 1) through USP 2 (metric 5) in boxes of 12 (one dozen) aluminium pouches.



needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0



## 16 mm

1/2 round bodied		undyed	75 cm	H2160	H3160			
------------------	---	--------	-------	-------	-------	--	--	--

## 20 mm

1/2 round bodied		undyed	75 cm		H3200			
------------------	---	--------	-------	--	-------	--	--	--

## 20 mm


1/2 round bodied		undyed	75 cm			H4250	H5250	
3/8 cutting		undyed	45 cm			H4255		

## 26 mm

3/8 cutting		undyed	75 cm			H4263		
-------------	---	--------	-------	--	--	-------	--	--

needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2

## 40 mm

1/2 round bodied		undyed	75 cm			H6400		
		undyed	90 cm			H6410	H7410	

## suture set

40 mm 1/2 round bodied		undyed	90 cm			H6410S		
26 mm 3/8 cutting								

## 50 mm

1/2 round bodied		undyed	90 cm			H6500	H7500	H8500
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tekmon®








<b>Description:</b>	Absorbable, synthetic, monofilament suture for short-medium term wound support, with a smooth surface for fast healing wounds
<b>Characteristics:</b>	High initial strength Easy passage through tissue/smoothness of a monofilament Minimal tissue reaction Very good knot security  Short - Medium term wound support ( ~ 21 days)
<b>Absorption:</b>	Essentially complete in 90-120 days
<b>Material:</b>	polyglycolide(%75)-co-caprolactone ( %25), PGCL
<b>Structure:</b>	Monofilament
<b>Colour:</b>	Violet/Undyed (clear)
<b>Sterilization:</b>	EO
<b>Packaging:</b>	Available in USP 6/0 (metric 0.7) through USP 2 (metric 5) In boxes of 12 (one dozen) aluminium pouches.


needle information	needle diameter	colour	suture length	0.5	0.7	1	1.5
				7/0	6/0	5/0	4/0



10 mm							
3/8 cutting		330 µ	undyed	45 cm		U103	

13 mm							
3/8 round bodied		330 µ	undyed	45 cm		U131	
		330 µ	undyed	60 cm			U231
3/8 cutting		330 µ	undyed	45 cm		U133	
		380 µ	undyed	45 cm			U233
3/8 PL		330 µ	violet	45 cm		U139	U239

needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0


16 mm							
1/2 round bodied		violet	75 cm		T3160	T4160	
		undyed	75 cm	U2160			
3/8 cutting		violet	75 cm		T3165		
		undyed	75 cm	U2165	U3165	U4165	
3/8 PL		undyed	75 cm	U2169	U3169		



19 mm							
3/8 PL		undyed	75 cm	U2199	U3199	U4199	

20 mm							
1/2 round bodied		violet	75 cm		T3200	T4200	
		undyed	75 cm	U2160			
3/8 cutting		violet	45 cm		T3203	T4203	
		undyed	45 cm	U2203	U3203	U4203	
		violet	75 cm		T3213	T4213	
		undyed	75 cm		U3213	U4213	

needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

25 mm							
1/2 round bodied		violet	75 cm		T3250	T4250	T5250
		undyed	75 cm			U4250	U5250
3/8 cutting		violet	45 cm			T4255	T5255
3/8 PL		undyed	45 cm		U3259	U4259	

26 mm							
3/8 PL		undyed	45 cm		U3263		
		undyed	75 cm			U4263	U5263

30 mm							
1/2 round bodied		violet	75 cm			T4300	T5300
3/8 cutting							T5303

35 mm							
1/2 round bodied		violet	75 cm				T5350

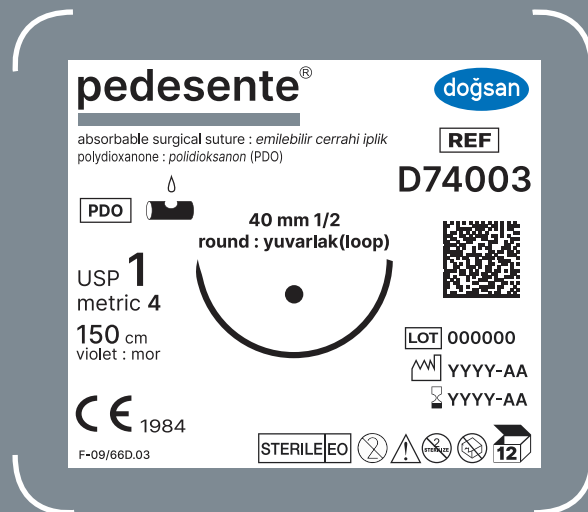
needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2

40 mm							
1/2 round bodied		violet	75 cm		T5400	T6400	T7400
		violet	90 cm				T7410

50 mm							
1/2 round bodied		violet	75 cm				T7500
		violet	90 cm				T7510




# pedesente®









<b>Description:</b>	Absorbable, synthetic, monofilament suture for long term wound support, ideal for slow healing wounds
<b>Characteristics:</b>	Easy passage through tissue/smoothness of a monofilament High initial strength Slow decrease in tensile strength Minimal tissue reaction Ideal for long term support  Long term wound support ( ~ 60 days)
<b>Absorption:</b>	Essentially complete in 180-210 days
<b>Material:</b>	polydioxanone, PDO 100%
<b>Structure:</b>	Monofilament
<b>Colour:</b>	Violet
<b>Sterilization:</b>	EO
<b>Packaging:</b>	Available in USP 7/0 (metric 0.5) through USP 2 (metric 5) boxes of 12 (one dozen) aluminium pouches.






needle information	needle diameter	colour	suture length	0.5	0.7	1	1.5
				7/0	6/0	5/0	4/0


8 mm							
3/8 round bodied, double		220 µ	violet	75 cm	D0812		
		240 µ	violet	45 cm		D1812	

10 mm							
3/8 cutting		280 µ	violet	45 cm		D103	

13 mm							
3/8 round bodied, double		220 µ	violet	45 cm	D0312		
		330 µ	violet	75 cm		D1312	
		330 µ	violet	60 cm			D2312
3/8 cutting		280 µ	violet	45 cm		D133	
		380 µ	violet	45 cm			D233
1/2 round bodied		380 µ	violet	75 cm			D230
3/8 PL		280 µ	violet	45 cm		D139	
		330 µ	violet	45 cm			D239


needle information	colour	suture length	0.7	1	1.5	2	3
			6/0	5/0	4/0	3/0	2/0



16 mm							
1/2 round bodied		violet	45 cm	D1160			
		violet	75 cm		D2160	D3160	D4160
1/2 round bodied double		violet	90 cm		D21602	D31602	
3/8 round bodied		violet	75 cm		D2161	D3161	
3/8 cutting		violet	75 cm		D2165	D3165	D4165
3/8 PL		violet	45 cm		D2169		

18 mm							
straight diamond, double		violet	45 cm		D21882		







needle information	colour	suture length	0.7	1	1.5	2	3
			6/0	5/0	4/0	3/0	2/0




19 mm								
3/8 PL		violet	45 cm		D2199	D3199		

20 mm								
1/2 round bodied		violet	75 cm			D3200	D4200	
3/8 cutting		violet	75 cm			D3213		
		violet	45 cm				D4203	

needle information	colour	suture length	1.5	2	3	3.5	4
			4/0	3/0	2/0	0	1

25 mm								
1/2 round bodied		violet	75 cm	D3250	D4250	D5250		
3/8 cutting		violet	45 cm		D4255	D5255		
5/8 round bodied								D5255

26 mm								
3/8 cutting		violet	75 cm		D4263			

30 mm								
1/2 round bodied					D4300	D5300	D6300	
1/2 round bodied, double		violet	90 cm		D43002			
3/8 cutting		violet	75 cm			D5303		

needle information		colour	suture length	1.5	2	3	3.5	4
				4/0	3/0	2/0	0	1
30 mm								
J round bodied		violet	75 cm				D6309	
40 mm								
1/2 round bodied		violet	75 cm				D6400	D7400
1/2 round bodied, loop	 loop	violet	150 cm				D64003	D74003
50 mm								
1/2 round bodied, loop	 loop	violet	75 cm					D75003

	<b>propilen<sup>®</sup></b> polypropylene
	<b>trofilen<sup>®</sup></b> polyvinylidene fluoride
	<b>daylon<sup>®</sup></b> polyamide
	<b>politer<sup>®</sup></b> polyester
	<b>silk</b> silk
	<b>daxton<sup>®</sup>-D</b> polytetrafluoroethylene
	<b>tektel<sup>®</sup></b> 316L Stainless Steel Wire
	<b>dopace<sup>®</sup></b> Twisted 316L stainless steel wire, with polyethylene (PE) coated (sheathed)

# Non-absorbable Sutures



# propilen®

**propilen®**  
non-absorbable surgical suture :  
emilimeyen cerrahi iplik  
polypropylene : polipropilen (PP)

**doğsan**


**REF**  
**P0812**

**PP**  
USP **7/0**  
metric **0.5**  
**60** cm  
blue : mavi

**8 mm 3/8**  
round double :  
yuvarlak - çift  
  
**220 µ**

**LOT** 000000  
YYYY-AA  
YYYY-AA

**CE** 1984  
F-09/66P.03


**STERILE** **EO**  **12**









Description:	Non-Absorbable, monofilament suture, made of specially extruded condensed polypropylene, very smooth and ideal for cardio vascular surgery
Characteristics:	<ul style="list-style-type: none"><li>Ideal suture for cardio vascular surgery</li><li>Very smooth flow through the tissue</li><li>Very high tensile strength</li><li>High softness and flexibility</li><li>Minimum tissue reaction, ideal for infected tissues</li><li>Good knot security</li></ul>
Tensile strength:	Permanent -Very high tensile strength
Material:	polypropylene
Structure:	Monofilament
Colour:	Blue/Undyed (clear)
Sterilization:	EO
Packaging:	Available in USP 10/0 (metric 0.2) through USP 2 (metric 5) in boxes of 12 (one dozen) pouches.

needle information	needle diameter	colour	suture length	0.3	0.4	0.5	0.7
				9/0	8/0	7/0	6/0





5 mm							
3/8 round bodied		100 µ	blue	13 cm	M3205		

6 mm							
3/8 round bodied, double		160 µ	blue	60 cm		P9612	






8 mm							
3/8 round bodied, double		220 µ	blue	60 cm			P0812 P1812
		160 µ	blue	60 cm		P9812	
	 black	220 µ	blue	60 cm			P0814 P1814
		160 µ	blue	60 cm		P9814	

9 mm							
3/8 round bodied, double		200 µ	blue	75 cm			P0912







needle information	needle diameter	colour	suture length	0.5	0.7	1	1.5
				7/0	6/0	5/0	4/0

10 mm							
1/2 round bodied, double		220 µ	blue	75 cm		P1002	
3/8 cutting		280 µ	blue	45 cm		P103	
3/8 round bodied, double		220 µ	blue	60 cm	P0012		
		240 µ	blue	60 cm		P1012	
		240 µ	blue	75 cm		P1112	
		330 µ	blue	75 cm			P2112
	 black	220 µ	blue	60 cm	P0014		

needle information	needle diameter	colour	suture length	0.5	0.7	1	1.5
				7/0	6/0	5/0	4/0


13 mm								
1/2 round bodied		280 µ	blue	75 cm		P130		
		280 µ	blue	60 cm		P131		
		330 µ	blue	60 cm			P231	
1/2 round bodied, double		280 µ	blue	75 cm		P1302		
		330 µ	blue	75 cm		P1302	P2302	
3/8 cutting		280 µ	blue	45 cm		P133		
		380 µ	blue	45 cm			P233	
3/8 round bodied, double		220 µ	blue	60 cm	P0312			
		280 µ	blue	60 cm		P1312		
		280 µ	blue	75 cm		P1412		
		330 µ	blue	75 cm			P2312	
	 black	240 µ	blue	60 cm		P1314		






needle information	colour	suture length	0.7	1	1.5	2	3
			6/0	5/0	4/0	3/0	2/0




16 mm								
1/2 round bodied		blue	60 cm	P1160				
		blue	75 cm		P2160	P3160	P4160	
1/2 round bodied, double		blue	90 cm		P21602	P31602	P41602	
3/8 cutting		blue	45 cm	P1163	P2163	P3163		
		blue	75 cm		P2173	P3173	P4163	
3/8 cutting		blue	45 cm	P1165	P2165	P3165		
		blue	75 cm				P4165	
3/8 PL		blue	45 cm	P1169				
3/8 round bodied, double		blue	90 cm		P21602	P31602		


needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

18 mm								
1/2 round bodied		undyed	75 cm		P3180X			
3/8 cutting		blue	75 cm		P3183			
		undyed	75 cm		P3183X			

19 mm								
3/8 PL		blue	45 cm		P3199	P4199		




20 mm								
1/2 round bodied		blue	75 cm	P2200	P3200	P4200	P5200	
1/2 round bodied, double		blue	90 cm	P22002	P32002	P42002		
	 black	blue	90 cm		P32004			
3/8 cutting		blue	45 cm	P2203	P3203	P4203		
		blue	75 cm	P2213	P3213	P4213		
3/8 cutting		blue	75 cm	P2205	P3205	P4205		



25 mm								
1/2 round bodied		blue	75 cm		P3250	P4250	P5250	P6250
		undyed	75 cm			P4250X		
1/2 round bodied, double		blue	90 cm		P32502	P42502	P52502	
3/8 cutting		blue	75 cm		P3245			
		blue	45 cm		P3255	P4255	P5255	




26 mm								
3/8 cutting		blue	75 cm			P4263	P5263	

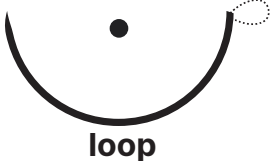





needle information	colour	suture length	2	3	3.5	4	5
			3/0	2/0	0	1	2

30 mm								
1/2 round bodied		blue	75 cm	P4300	P5300	P6300		
		blue	100 cm			P6310	P7300	
1/2 round bodied, double		blue	90 cm	P43002	P53002			
3/8 cutting		blue	75 cm	P4303	P5303	P6303		

35 mm								
1/2 round bodied		blue	100 cm			P6350		
3/8 cutting		blue	75 cm		P5353			

40 mm								
1/2 round bodied		blue	100 cm			P6400	P7400	P8400
1/2 cutting		blue	100 cm			P6404	P7404	
3/8 cutting		blue	100 cm				P7403	

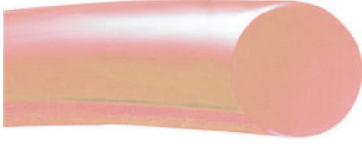
45 mm								
1/2 round bodied, loop		blue	150 cm				P74503	

needle information	colour	suture length	2	3	3.5	4	5	
			3/0	2/0	0	1	2	
50 mm								
1/2 round bodied		blue	100 cm				P7500	
1/2 round bodied, loop	 loop	blue	150 cm				P75003	
60 mm								
straight cutting		blue	75 cm	P5608				




# trofilen®





<b>Description:</b>	<b>Non-Absorbable, monofilament suture, made of specially extruded Polyvinylidene fluoride (PVDF) a very inert material ideal for plastic and cardiovascular surgery</b>
<b>Characteristics:</b>	<b>Very smooth flow through the tissue Highest tensile strength in monofilaments Excellent pliability and flexibility Minimum tissue reaction, ideal in infected tissues</b>
<b>Tensile strength:</b>	<b>Permanent - Very high tensile strength</b>
<b>Material:</b>	<b>polyvinylidene fluoride (PVDF)</b>
<b>Structure:</b>	<b>Monofilament</b>
<b>Colour:</b>	<b>Blue</b>
<b>Sterilization:</b>	<b>EO</b>
<b>Packaging:</b>	<b>Available in USP 8/0 (metric 0.4) through USP 2 (metric 5) in boxes of 12 (one dozen) pouches.</b>

needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

16 mm								
3/8 cutting		blue	45 cm	F2163				



# daylon®

daylon®

non-absorbable surgical suture :  
emilmeyen cerrahi iplik  
polyamide : poliamid (PA)

PA

USP 10/0  
metric 0.2  
30 cm  
black : siyah

CE 1984

F-09/66Y.03

doğsan

REF  
M2177

6 mm 3/8  
spatulated double :  
spatül - çift

150 µ

LOT 000000  
YYYY-AA  
YYYY-AA

STERILE EO


QR code


12





Description:	Non-Absorbable, monofilament suture, made of polyamide classic suture for plastic and ophthalmic surgery
Characteristics:	Uniform diameter Minimal memory High Flexibility Very good knot security Smooth passage through tissue
Tensile strength:	Permanent
Material:	Polyamide 6 -6.6
Structure:	Monofilament
Colour:	Blue : USP 6/0 - USP 2 Black: USP 11/0 - USP 8/0
Sterilization:	EO
Packaging:	Available in USP11/0 (metric 0.1) through USP 2 (metric 5) in boxes of 12 (one dozen) pouches.

needle information	needle diameter	colour	suture length	0.1	0.2	0.3	0.4
				11/0	10/0	9/0	8/0



4 mm								
3/8 round bodied		70 µ	black	13 cm	M1102			
		100 µ	black	13 cm		M2102	M3102	
		140 µ	black	13 cm				M4112

5 mm								
3/8 round bodied		100 µ	black	13 cm		M2105	M3105	
		140 µ	black	13 cm				M4115

6 mm								
3/8 spatulated, double		150 µ	black	30 cm		M2177		
3/8 round bodied		140 µ	black	13 cm				M4117

needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

16 mm								
3/8 cutting		blue	45 cm	Y2163	Y3163			
		blue	75 cm	Y2173				

20 mm								
3/8 cutting		blue	75 cm		Y3213			
		blue	45 cm			Y4203		
3/8 cutting		blue	45 cm		Y3205			

26 mm								
3/8 cutting		blue	75 cm			Y4263	Y5263	





# politer®

**politer®**

non-absorbable surgical suture :  
emilmeyen cerrahi iplik  
polyester : poliester (PET)

**PET**

**USP 3/0**  
metric 2

**75 cm**  
white : beyaz

**CE** 1984

F-09/66R.03

**doğsan**

**REF**  
**04200**

**20 mm 1/2**  
**round : yuvarlak**

**LOT** 000000  
**YYYY-AA**  
**YYYY-AA**

**STERILE** **EO**

**12**



Description:	Non-Absorbable, synthetic, braided, coated suture, made by braiding of fine polyester filaments, ideal for cardiovascular & implant surgery for very long term support
Characteristics:	Very high tensile strength Permanent support Excellent knot security Excellent handling Providing maximum security under stress
Tensile strength:	permanent, no known significant change in tensile strength retention in vivo.
Material:	polyethylene terephthalate (polyester)
Coating:	silicone based
Structure:	Braided (multifilament)
Colour:	Green / White
Sterilization:	EO
Packaging:	Available in USP 5/0 (metric 1) through USP 5 (metric 7) in boxes of 12 (one dozen) pouches.  Or in the case of multistrand sutures with PTFE Pledgets (K-PAK), half a dozen (6) boxes.





needle information	needle diameter	colour	suture length	1.5	2	3	3.5
				4/0	3/0	2/0	0

13 mm							
3/8 round bodied, double		380 µ	green	75 cm	R3312		

needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

17 mm							
3/8 round bodied, double		green	90 cm		R31702	R41702	R51702
1/2 round bodied, double	 With PTFE Pledget 6 x 3 mm	green	75 cm				R5170P
		white	75 cm				O5170P

20 mm							
1/2 round bodied		white	75 cm		O3200	O4200	
1/2 round bodied, double		green	90 cm			O42002	R52002

25 mm							
1/2 round bodied		green	75 cm			R4250	R5250
1/2 round bodied, double		green	90 cm			R42502	R52502
		green	75 cm				R52402
1/2 round bodied, double	 With PTFE Pledget 6 x 3 mm	green	75 cm				R5240P
1/2 round bodied, double	 With PTFE Pledget 6 x 3 mm	green	90 cm				R5250R

needle information	colour	suture length	1	1.5	2	3	3.5
			5/0	4/0	3/0	2/0	0

30 mm							
1/2 round bodied		green	75 cm				R6300
3/8 cutting		green	75 cm			R4303	



needle information	colour	suture length	3	3.5	4	5	7
			2/0	0	1	2	5

40 mm							
1/2 round bodied		green	75 cm			R7400	R8400

45 mm							
1/2 diamond		green	75 cm				R8456

50 mm							
1/2 round bodied		green	75 cm				R8500

50 mm							
1/2 diamond		green	75 cm				R9556

needle information	colour	suture length	3	3.5	4	5
			2/0	0	1	2
17 mm						
1/2 round bodied	 <div>With PTFE Pledget 6 x 3 mm</div>	5 X green 5 X white	10x75 cm	R5160K		
25 mm						
1/2 round bodied	 <div>With PTFE Pledget 6 x 3 mm</div>	5 X green 5 X white	10x75 cm	R5240K		
		5 X green 5 X white	10x90 cm	R5250K		





# silk







<b>Description:</b>	<b>Non-Absorbable, braided, coated suture, made by braiding of fine processed natural silk fibers called fibroins, known for handling properties and used in many branches of surgery</b>
<b>Characteristics:</b>	<b>Excellent handling Excellent knot security Coated suture for smooth flow through the tissue</b>
<b>Tensile strength:</b>	<b>progressive degradation of the silk fibers resulting in gradual loss of tensile strength</b>
<b>Material:</b>	<b>natural silk fibers of Bombyx mori</b>
<b>Coating:</b>	<b>silicone based</b>
<b>Structure:</b>	<b>Braided (multifilament) /twisted virgin silk for USP 8/0</b>
<b>Colour:</b>	<b>Black / Blue only for 8/0 virgin silk</b>
<b>Sterilization:</b>	<b>EO</b>
<b>Packaging:</b>	<b>Available in USP 8/0 (metric 0.4) through USP 3 (metric 6) in boxes of 12 (one dozen) pouches.</b>




needle information		needle diameter	suture length	0.7	1	1.5	2
				6/0	5/0	4/0	3/0
10 mm							
3/8 round bodied		330 μ	75 cm		S201		
13 mm							
3/8 round bodied		330 μ	45 cm	S131			
		330 μ	75 cm		S231		
		380 μ	75 cm			S331	
needle information		suture length	0.7	1	1.5	2	3
			6/0	5/0	4/0	3/0	2/0
16 mm							
1/2 round bodied		75 cm		S2160	S3160	S4160	
3/8 cutting		45 cm	S1165				
		75 cm		S2165	S3165	S4165	
18 mm							
1/2 round bodied		75 cm			S3180	S4180	
3/8 cutting		75 cm			S3185	S4185	
20 mm							
1/2 round bodied		75 cm		S2200	S3200	S4200	S5200
3/8 cutting		75 cm			S3203	S4203	S5203
3/8 cutting		75 cm			S3205	S4205	
25 mm							
3/8 cutting		75 cm			S3255	S4255	S5255






needle information	suture length	1	1.5	2	3	3.5
		5/0	4/0	3/0	2/0	0

26 mm							
1/2 round bodied		75 cm		S3260	S4260	S5260	S6260
3/8 cutting		75 cm			S4263	S5263	S6263




needle information	suture length	2	3	3.5	4	5
		3/0	2/0	0	1	2



30 mm							
1/2 round bodied		75 cm	S4300	S5300	S6300	S7300	
1/2 cutting		75 cm		S5304	S6304	S7304	
3/8 cutting		75 cm	S4303	S5303	S6303		


35 mm							
1/2 round bodied		75 cm			S6350	S7350	
3/8 cutting		75 cm		S5353			
3/8 cutting		75 cm				S7355	

37 mm							
1/2 cutting		75 cm			S6374	S7374	

needle information	suture length	2	3	3.5	4	5
		3/0	2/0	0	1	2

40 mm							
1/2 round bodied		75 cm			S6400	S7400	S8400
1/2 cutting		75 cm				S7404	
3/8 cutting		75 cm			S6403	S7403	S8403

50 mm							
3/8 cutting					S6503		
straight cutting		75 cm	S4508	S5508			

60 mm							
straight cutting		75 cm	S4608	S5608	S6608		

needle information	1	1.5	2	3	3.5	4	5
	5/0	4/0	3/0	2/0	0	1	2

without needle							
17x45 cm		S31	S41	S51	S61	S71	S81
13x60 cm		S33	S43	S53	S63	S73	S83
10x75 cm				S56	S66	S76	S86
180 cm			S42				



# daxton®-D

**daxton®-D**

non-absorbable surgical suture :  
emilmeyen cerrahi iplik  
polytetrafluoroethylene; politetrafluoroetilen (PTFE)

**doğsan**

**REF**  
**XD4183**

**PTFE** 

**USP 3/0**  
metric 2

**18 mm 3/8**  
cutting : keskin

**75 cm**  
white : beyaz

**CE 1984**









**LOT** 000000  
YYYY-AA  
YYYY-AA

**STERILE EO** 

F-09/66XD.03



Description:	Daxton D is a non-absorbable, sterile surgical monofilament suture, composed of polytetrafluoroethylene (PTFE). PTFE suture has nonporous structure.
Characteristics:	Compatible needle/suture diameters, excellent tensile strength, secure knot positioning, minimum plaque formation, minimum tissue reaction, easy handling, high softness and minimal surface friction, elasticity.
Tensile strength:	Permanent
Material:	Polytetrafluoroethylene (PTFE)
Structure:	Monofilament
Colour:	Undyed
Sterilization:	EO
Packaging:	Available in USP7/0 (metric 0.5) through USP 2/0 (metric 3) in boxes of 12 (one dozen) pouches.


needle information		colour	suture length	1	1.5	2	3
				5/0	4/0	3/0	2/0
13 mm							
1/2 round bodied		undyed	75 cm		XD330		
3/8 cutting		undyed	75 cm	XD233	XD333		
16 mm							
3/8 cutting		undyed	75 cm	XD2163	XD3163	XD4163	
3/8 PL		undyed	75 cm			XD4169	
18 mm							
3/8 cutting		undyed	75 cm	XD2183	XD3183	XD4183	
19 mm							
3/8 cutting		undyed	75 cm			XD4193	XD5193
50 mm							
straight round		undyed	90 cm				XD5509
60 mm							
straight cutting		undyed	75 cm				XD5608



# tektel®

**tektel®**  
non-absorbable surgical stainless steel wire :  
emilmeyen cerrahi paslanmaz çelik tel

**doğsan**

SS 

REF **E0551**

USP **6**  
metric 8


55 mm 1/2  
cutting rotating heavy needle :  
keskin döner iğne

4 X 45 cm

CE 1984



F-09/86E.02

STERILE EO








**tektel®** USP **6** metric 8 REF **E0551**

LOT 000000

 2022-10  
 2027-10



<b>Description:</b>	<b>Non-absorbable stainless steel wire</b>
<b>Characteristics:</b>	<b>360 ° rotating or fixed head with needle alternatives (Cutting, diamond, trocar point), very high tensile strength, minimum tissue reaction, easy pliability and handling.</b>
<b>Tensile strength:</b>	<b>Permanent</b>
<b>Material:</b>	<b>Monofilament</b>
<b>Structure:</b>	<b>316L</b>
<b>Colour:</b>	<b>Metallic grey</b>
<b>Sterilization:</b>	<b>EO</b>
<b>Packing:</b>	<b>Available in USP 2 (metric 5) - USP 8 (metric 10) in boxes of 2 pouches with rotating or fixed head needle alternatives</b>

needle information		suture length	5	6	7	8	9
			2	3&4	5	6	7
45 mm							
1/2 diamond	 fixed head needle	4 X 45 cm	E7457	E8457			
48 mm							
1/2 diamond	 rotating needle ↻	4 X 45 cm			E9486	E0486	E1486
		2 X 75 cm			E9488		
	 fixed head needle	4 X 45 cm				E0487	E1487
55 mm							
1/2 cutting	 rotating needle ↻	2 X 75 cm			E9553		E1553
		4 X 45 cm			E9551	E0551	E1551
	 fixed head needle	4 X 45 cm				E0554	





# dopace®



## dopace®

Temporary pacing wire : geçici pace teli  
non-absorbable : emilmeyen  
PE insulated 316L stainless steel wire :  
PE izolasyonlu 316L paslanmaz çelik tel

SS



60 cm  
insulated with blue : mavi (PE)  
12 mm anchor : çapalı



F-09/66EW02

USP **2/0** metric 3

60 mm straight : düz  
cutting : keskin

25 mm 1/2  
round : yuvarlak



breakaway needle : kırılabilir iğne

CE 1984

STERILE

EO



doğsan

REF

E5603W

LOT 000000

2022-10

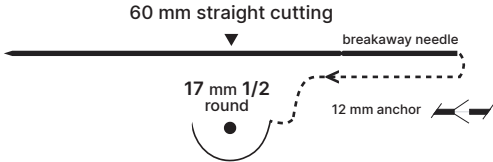
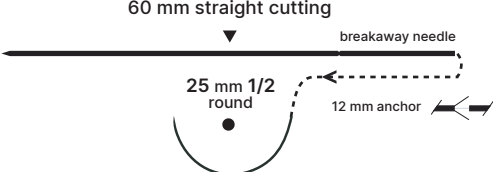
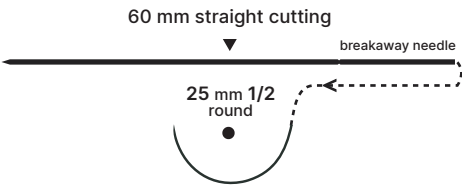
2027-10

30°  
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Rize Cad. 91 A, Ortahisar,  
Trabzon, Türkiye  
Tel: + 90 462 334 06 90  
dogsan@dogsan.com.tr



<b>Description:</b>	Temporary pacing wire, PE insulated 316L stainless steel wire
<b>Characteristics:</b>	Intracorporeal curved needle and extracorporeal straight breakaway needle, with or without anchor. With anchor option no need for suture to fix it and less trauma on myocardium muscle.
<b>Tensile strength:</b>	Permanent
<b>Material:</b>	Twisted 316L stainless steel wire, with polyethylene (PE) coated (sheathed)
<b>Structure:</b>	-
<b>Colour:</b>	-
<b>Sterilization:</b>	EO
<b>Packing:</b>	Available in USP 2/0 (metric 3) in boxes of 12 (one dozen) pouches.




needle information	suture length	3
		2/0

60 mm			
straight cutting		60 cm	E5601W
		60 cm	E5603W
		60 cm	E5613W
90 mm			
straight cutting		60 cm	E5903W




# Microsurgery & Ophthalmology

# Microsurgery

needle information			needle diameter	suture length	0.01	0.1	0.2	0.3	0.4
					12/0	11/0	10/0	9/0	8/0
4 mm									
3/8 round bodied (chord = 3.14 mm)		daylon black	70 μ	13 cm		M1102			
		daylon black	100 μ	13 cm			M2102	M3102	
		daylon black	140 μ	13 cm					M4112
5 mm									
3/8 round bodied (chord = 3.92 mm)		daylon black	100 μ	13 cm			M2105	M3105	
		propilen blue	100 μ	13 cm				M3205	
		daylon black	140 μ	13 cm					M4115
6 mm									
3/8 round bodied (chord = 4.71 mm)		daylon black	140 μ	13 cm					M4117

# Ophthalmology

needle information			needle diameter	suture length	0.01	0.1	0.2	0.3	0.4
					12/0	11/0	10/0	9/0	8/0
6 mm									
3/8 spatulated, double (chord = 4.71 mm)		daylon black	150 µ	13 cm			M2117		