

*Touching
the hearts for*
A HALF CENTURY



Surgical Sutures



doğsan

Surgical Sutures

50 years

Touching the hearts!



Propilen®



Propilen, made of specially extruded condensed polypropylene, is a monofilament suture with round cross-section ideal for cardiovascular surgery.

Material	: Polypropylene
Structure	: Monofilament
Coating	: -
Colour & USP Range	: Blue 10/0 - 2
Tensile Strength	: Permanent
Sterilization	: EO
Characteristics	: Very high tensile strength, good knot security, high softness and flexibility, minimum tissue reaction, ideal in infected tissues, ideal suture for cardiovascular surgery.

Trofilen®



Trofilen made of polyvinylidene fluoride (PVDF) is an ideal material for cardiovascular and plastic surgery.

Material	: Polyvinylidene fluoride (PVDF)
Structure	: Monofilament
Coating	: -
Colour & USP Range	: Blue 7/0 - 3
Tensile Strength	: Permanent
Sterilization	: EO
Characteristics	: Highest tensile strength, good knot security, excellent pliability & flexibility, minimum tissue reaction, ideal in infected tissues, ideal suture for cardiovascular surgery.



50 years

Politer®



Politer, made by braiding fine filaments of polyester and coated to reduce capillarity, is one of ideal suture for cardiovascular & implant surgery for long term support.

Material : Polyethylene terephthalate (polyester)

Structure : Braided

Coating : Silicone based








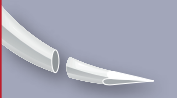


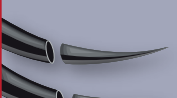





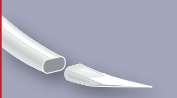




Colour & USP Range : Green / White 6/0 - 5

Tensile Strength : Permanent

Sterilization : EO

Characteristics : Excellent tensile strength, excellent knot security, secure knot positioning, excellent handling ideal suture for cardiovascular & implant surgery

Doğsan Needles

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

50 years

Tektel[®]

Surgical Stainless Steel Wire



- 316L soft stainless steel for sternum closure
- 360° rotating and fixed head types
- Easy handling
- Cutting, diamond, trocar point needle types
- High needle attachment

Product Code	Product Specifications
E7459	Tektel 2 45 mm 1/2 diamond, fixed head (2x45cm)
E7457	Tektel 2 45 mm 1/2 diamond, fixed head (4x45cm)
E8457	Tektel 4 45 mm 1/2 diamond, fixed head (4x45cm)
E9488	Tektel 5 48 mm 1/2 diamond, rotating head (2x75cm)
E9486	Tektel 5 48 mm 1/2 diamond, rotating head (4x45cm)
E9487	Tektel 5 48 mm 1/2 diamond, fixed head (4x45cm)
E9553	Tektel 5 55 mm 1/2 cutting (▼), rotating head (2x75cm)
E9551	Tektel 5 55 mm 1/2 cutting (▼), rotating head (4x45cm)
E0486	Tektel 6 48 mm 1/2 diamond, rotating head (4x45cm)
E0487	Tektel 6 48 mm 1/2 diamond, fixed head (4x45cm)
E0553	Tektel 6 55 mm 1/2 cutting (▼), rotating head (2x75cm)
E0551	Tektel 6 55 mm 1/2 cutting (▼), rotating head (4x45cm)
E0554	Tektel 6 55 mm 1/2 cutting (▼), fixed head (4x45cm)
E1486	Tektel 7 48 mm 1/2 diamond, rotating head (4x45cm)
E1487	Tektel 7 48 mm 1/2 diamond, fixed head (4x45cm)
E1553	Tektel 7 55 mm 1/2 cutting (▼), rotating head (2x75cm)
E1551	Tektel 7 55 mm 1/2 cutting (▼), rotating head (4x45cm)

Touching the hearts! 

Dopace[®]

Temporary Pacing Wire (TPW)



TEMPORARY PACING WIRE, twisted 316L stainless steel wire, with polyethylene (PE) coated (sheathed) with double needle, with or without anchor.

DOPACE is indicated for use as temporary cardiac pacing wire to transfer electrical energy along its length between the external pacemaker and the patient's heart for temporary cardiac pacing and intracardial ECG monitoring during and after open-heart surgery, for single use only.

DOPACE, TPW are available as multifilament sheathed in metric 3.0 (USP 2/0) gauge size, in a variety of lengths (mostly 60 cm), with anchor or without, with permanently attached needles

Product Code	Product Specifications
E5601W	Dopace 2/0 60 str. cutting (▼), breakaway needle, w/anchor, 17 mm 1/2 round, 60 cm
E5603W	Dopace 2/0 60 str. cutting (▼), breakaway needle, w/anchor, 25 mm 1/2 round, 60 cm
E5903W	Dopace 2/0 90 str. cutting (▼), breakaway needle, w/anchor, 22 mm 3/8 round, 60 cm
E5613W	Dopace 2/0 60 str. cutting (▼), breakaway needle, 25 mm 1/2 round, 60 cm
E5913W	Dopace 2/0 90 str. cutting (▼), breakaway needle, 22 mm 3/8 round, 60 cm



Surgical Sutures

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