

# radix>

Implants & Biomaterials

## ABSORBABLE

## SUTURES



### RACRYL

<b>Composition</b>	Polyglycolic Acid
<b>Construction</b>	Braided
<b>Coating</b>	Polycaprolactone and Calcium Stearate
<b>In vitro retention of strength</b>	75% at 2 weeks
<b>Tissue Reaction</b>	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
<b>Absorption Time</b>	Completely absorbed in 60-90 days
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Violet and Undyed

#### INDICATIONS

RACRYL suture is indicated for use in general soft tissue approximation and ligation, including the use in ophthalmic procedures. but not for use in cardiovascular or neurological tissues.

- Soft and smooth feel that helps in easy passage.
- Good knotting properties.
- Very high tensile strength and excellent handling.
- Smooth tie down.

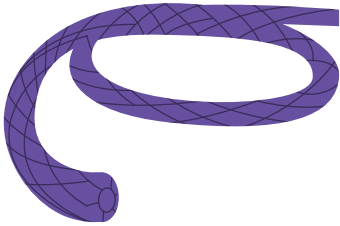


# ABSORBABLE SUTURES

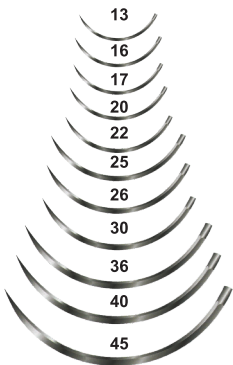
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## RACRYL

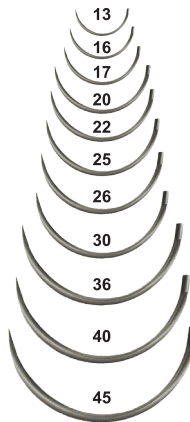
Synthetic Absorbable Surgical Suture  
Polyglycolic Acid, Coated, Braided



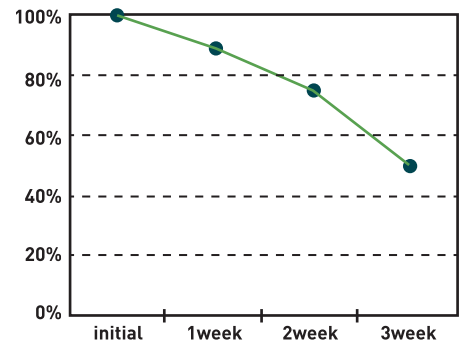
### Reverse Cutting 3/8 Circle



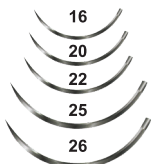
### Taper Point 1/2 Circle



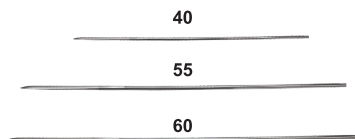
### Retention of Knot Pull Tensile Strength



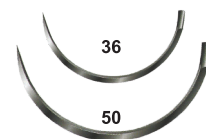
### Inside Cutting 3/8 Circle



### Straight Cutting



### Inside Cutting 1/2 Circle



Available in Sizes

6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
Double armed and precut sutures are also available.

### RACRYL910

<b>Composition</b>	Poly(Glycolide-co-L-lactide) [Polyglactin-910]
<b>Construction</b>	Braided
<b>Coating</b>	lactide and glycolide with calcium stearate
<b>In vitro retention of strength</b>	80 % at 2 weeks
<b>Tissue Reaction</b>	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
<b>Absorption Time</b>	Completely absorbed in 54-70 days
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Violet and Undyed

#### INDICATIONS

RACRYL 910 suture is indicated for use in general soft tissue approximation and ligation, including the use in ophthalmic procedures. but not for use in cardiovascular or neurological tissues.

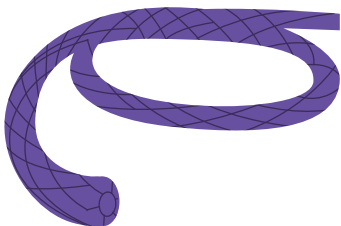
- Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- Good knotting properties because of better and modern braiding technology.
- Very high initial tensile strength and excellent handling.
- Smooth tie down.



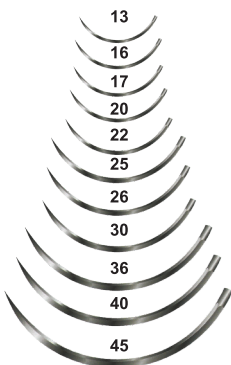


RACRYL910

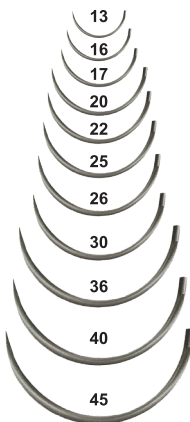
Synthetic Absorbable Surgical Suture  
 glycolide90% L-lactide10%,Coated,Braided



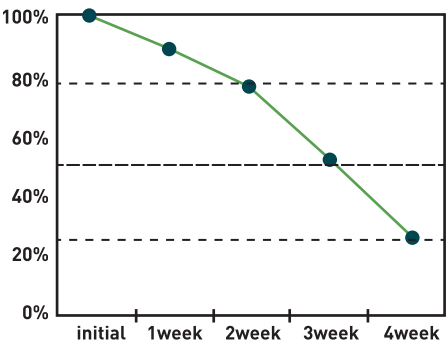
Reverse Cutting 3/8 Circle



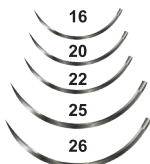
Taper Point 1/2 Circle



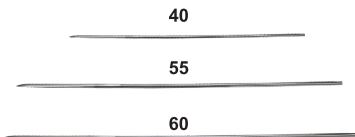
Retention of Knot Pull Tensile Strength



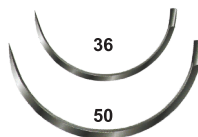
Inside Cutting 3/8 Circle



Straight Cutting



Inside Cutting 1/2 Circle



Available in Sizes 6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
 Double armed and precut sutures are also available.

### RACRYL Fast

<b>Composition</b>	Poly[Glycolide-co-L-lactide] [Polyglactin-910]
<b>Construction</b>	Braided
<b>Coating</b>	copolymer of lactide and glycolide with calcium stearate
<b>In vitro retention of strength</b>	50 % at 1 week
<b>Tissue Reaction</b>	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
<b>Absorption Time</b>	Completely absorbed in 40-60 days
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Violet and Undyed

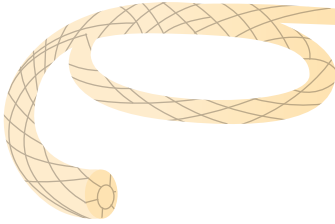
**INDICATIONS** RACRYL FAST suture is indicated for use in general soft tissue approximation and ligation, including the use in ophthalmic procedures. Where only short term wound support is required. RACRYL FAST is not for use in cardiovascular or neurological tissues.

- High initial tensile strength.
- Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- Good knotting properties.
- Excellent handling and smooth tie down.
- Due to the low molecular weight compared to regular Polyglactin 910 or Polyglycolic Acid sutures,
- RMACRYL Rapid sutures achieve rapid absorption in the tissues.

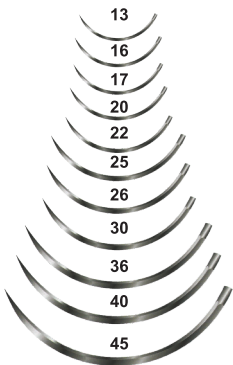


## RACRYL Fast

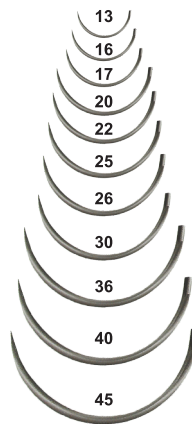
Synthetic Fast Absorbable Surgical Suture  
glycolide90% L-lactide10%, Coated, Braided



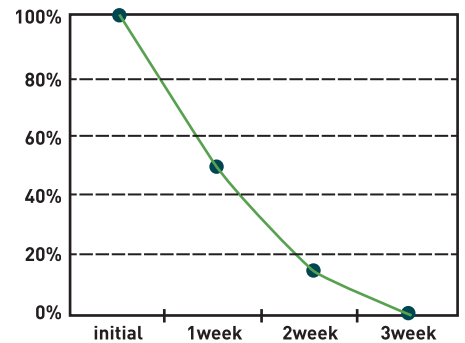
### Reverse Cutting 3/8 Circle



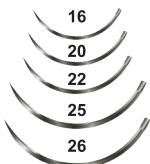
### Taper Point 1/2 Circle



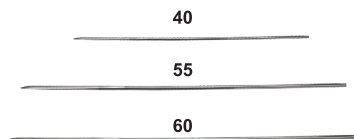
Retention of Knot Pull Tensile Strength



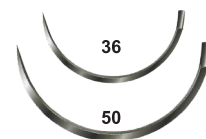
### Inside Cutting 3/8 Circle



### Straight Cutting



### Inside Cutting 1/2 Circle



Available in Sizes

6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
Double armed and precut sutures are also available.

### RADIOXANONE

<b>Composition</b>	Poly(P-dioxanone)
<b>Construction</b>	Monofilament
<b>Coating</b>	None
<b>In vitro retention of strength</b>	75% at 4 weeks
<b>Tissue Reaction</b>	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
<b>Absorption Time</b>	Completely absorbed in 180 to 240 days
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Violet and Undyed

**INDICATIONS** RADIOXANONE suture is indicated for use in general soft tissue approximation and ligation, including use in pediatric cardiovascular tissue and ophthalmic surgery. It is also particularly useful where the combination of an absorbable suture and extended wound support (up to six weeks) is desirable.

RADIOXANONE is not for use in microsurgery, adult cardiovascular or neural tissues.

- Ideal for internal tissues where a long lasting, absorbable suture is preferable.
- Very high initial tensile strength and excellent pliability.
- Smooth passage through tissue and lesser reactivity.



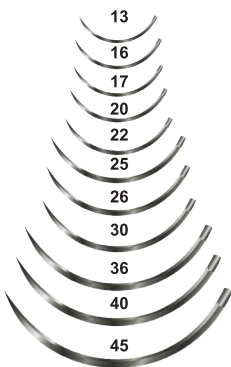


## RADIOXANONE

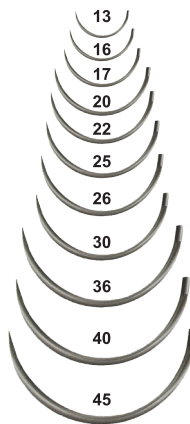
Synthetic Absorbable Surgical Suture  
Monofilament Polydioxanone



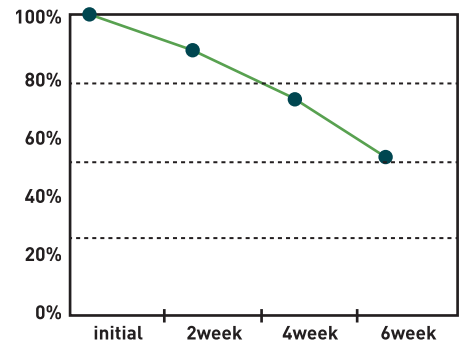
### Reverse Cutting 3/8 Circle



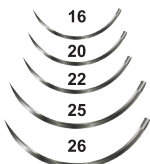
### Taper Point 1/2 Circle



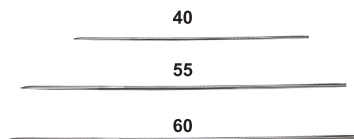
### Retention of Knot Pull Tensile Strength



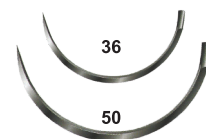
### Inside Cutting 3/8 Circle



### Straight Cutting



### Inside Cutting 1/2 Circle



Available in Sizes

6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
Double armed and precut sutures are also available.

### RACAPRONE

<b>Composition</b>	Poly (Glycolide-co-caprolactone) [Poliglecaprone 25]
<b>Construction</b>	Monofilament
<b>Coating</b>	None
<b>In vitro retention of strength</b>	50 % at 7 days
<b>Tissue Reaction</b>	Non-antigenic, non-pyrogenic and elicits only a mild tissue reaction during the absorption process
<b>Absorption Time</b>	Completely absorbed in 80 to 120 days
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Dyed and Undyed

#### INDICATIONS

RACAPRONE suture is indicated for use in general soft tissue approximation and ligation. but not for use in cardiovascular or neurological tissues, microsurgery or ophthalmic surgery.

- High initial tensile strength.
- Soft and smooth feel that helps in easy passage through the tissue with minimal trauma.
- Ideal suture for use in sub cuticular closure.
- Excellent handling and smooth tie down.

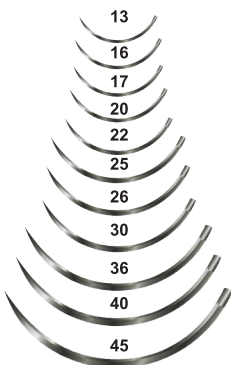


RACAPRONE

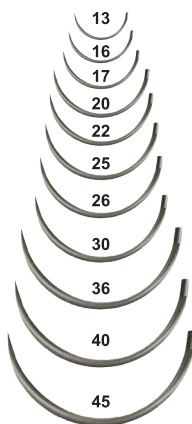
Synthetic Absorbable Surgical Suture  
 Monofilament glycolide75% caprolactone25%



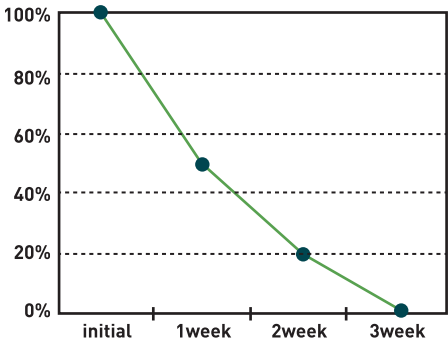
Reverse Cutting 3/8 Circle



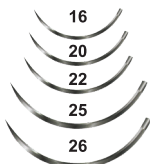
Taper Point 1/2 Circle



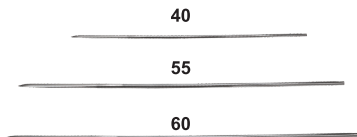
Retention of Knot Pull Tensile Strength



Inside Cutting 3/8 Circle



Straight Cutting



Inside Cutting 1/2 Circle



Available in Sizes

6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
 Double armed and precut sutures are also available.

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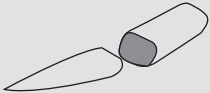

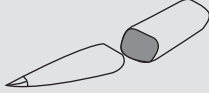

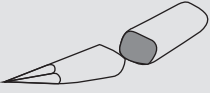

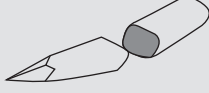



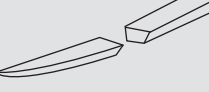

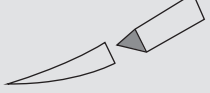

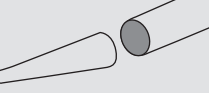

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## *NON ABSORBABLE*

## *SUTURES*





Name	Tip Shape	Icon	Name	Tip Shape	Icon
Round Body Taper Point			Soft Cutting		
Taper Cutting			Diamond		
Reverse Cutting			Spatula		
Inside Cutting			Blunt		

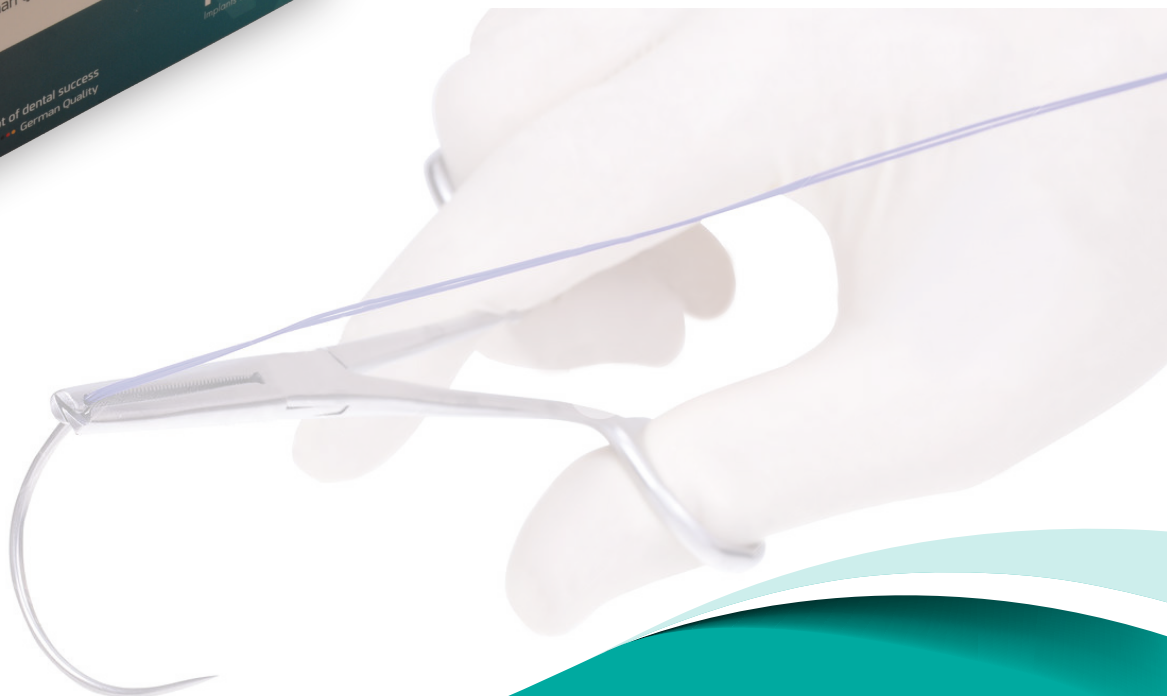
### RASILK

<b>Composition</b>	Silk
<b>Construction</b>	Braided
<b>Coating</b>	Silicone
<b>In vitro retention of strength</b>	Although Silk is classified as a non-absorbable suture, it loses most of its tensile strength in one year
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Black

#### INDICATIONS

RASILK suture is indicated for use in general soft tissue approximation and ligation, and used in a wide variety of surgical procedures.

- Coated with silicon to allow easy passage through tissue.
- Elicits a minimal initial inflammatory reaction in tissues.

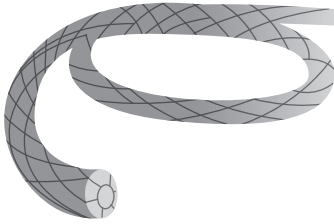


# NON ABSORBABLE SUTURES

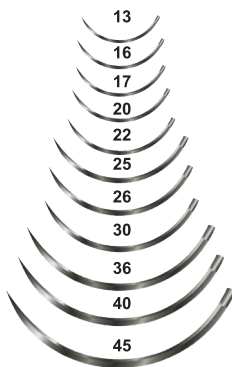
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## RASILK

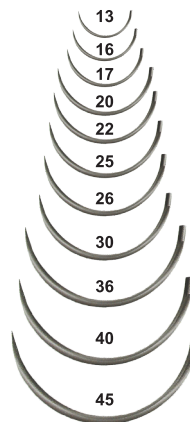
Nonabsorbable Surgical Suture  
Black Braided Silk



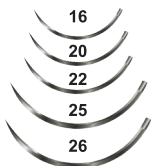
### Reverse Cutting 3/8 Circle



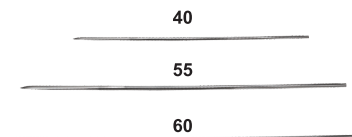
### Taper Point 1/2 Circle



### Inside Cutting 3/8 Circle



### Straight Cutting



### Inside Cutting 1/2 Circle



Available in Sizes

6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
Double armed and precut sutures are also available.

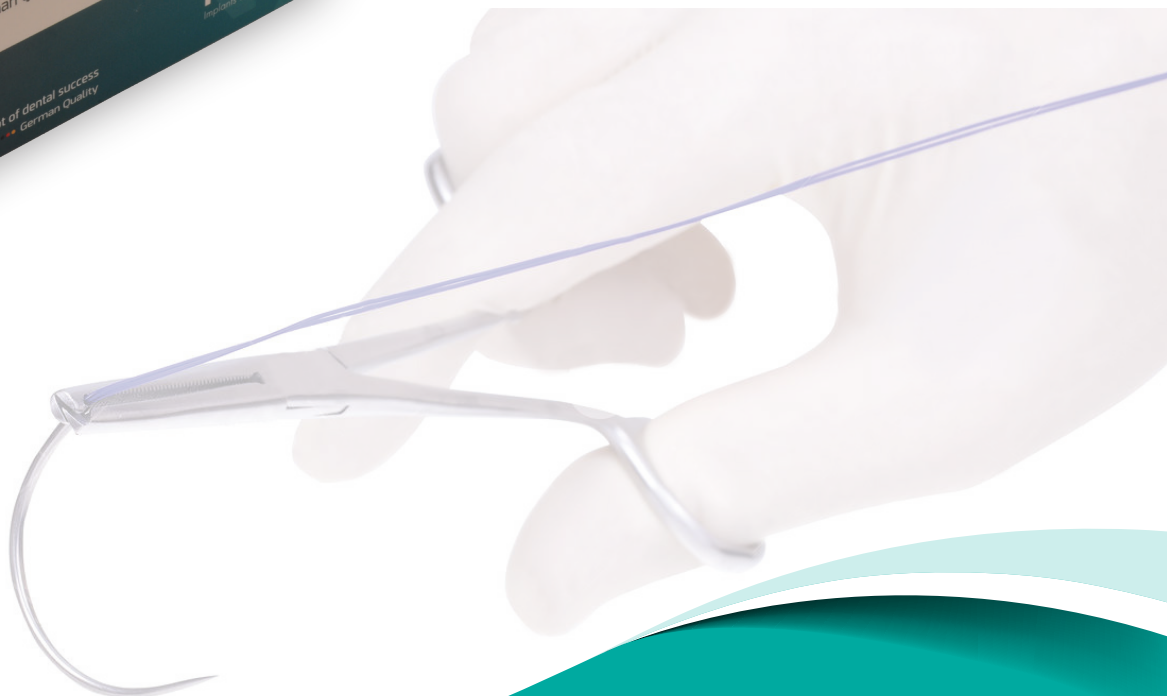
### RALENE

<b>Composition</b>	Polypropylene
<b>Construction</b>	Monofilament
<b>Coating</b>	None
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Blue

#### INDICATIONS

RALENE suture is indicated for use in general soft tissue approximation and ligation, including use in cardio vascular, ophthalmic, plastic and neurological procedures.

- Extremely high tensile strength.
- Extremely smooth material resulting in minimal tissue trauma.
- Allows for secured knot tying.





# NON ABSORBABLE

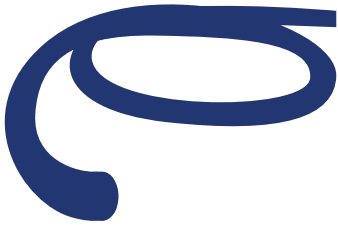
## SUTURES

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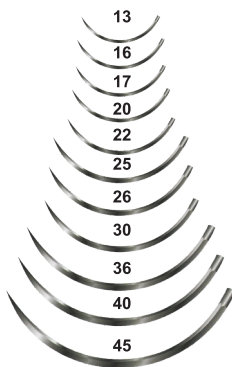
Implants & Biomaterials

### RALENE

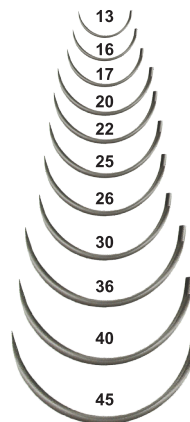
Nonabsorbable Surgical Suture  
Monofilament Polypropylene



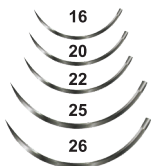
#### Reverse Cutting 3/8 Circle



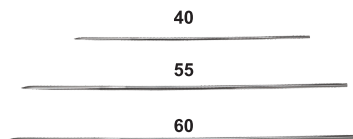
#### Taper Point 1/2 Circle



#### Inside Cutting 3/8 Circle



#### Straight Cutting



#### Inside Cutting 1/2 Circle



Available in Sizes

6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
Double armed and precut sutures are also available.

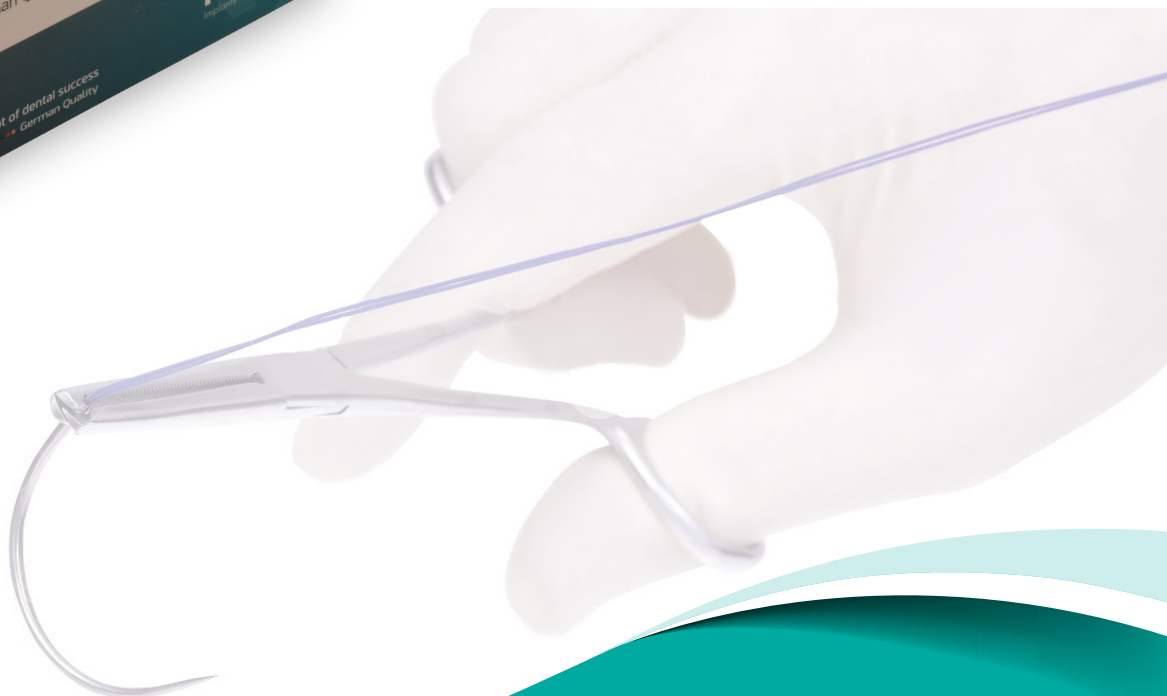
### RALON

<b>Composition</b>	Polyamide
<b>Construction</b>	Monofilament
<b>Coating</b>	None
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Black

#### INDICATIONS

RALON suture is indicated for use in general soft tissue approximation and ligation. Finer sizes used in ophthalmic and microsurgery procedures.

- Easy passage through tissue.
- Excellent elasticity.
- Ideal for use in skin closures.



# NON ABSORBABLE SUTURES

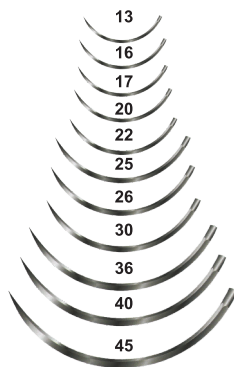
**radix**   
Implants & Biomaterials

## RALON

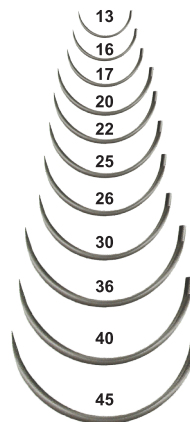
Nonabsorbable Surgical Suture  
Monofilament Polyamide



### Reverse Cutting 3/8 Circle



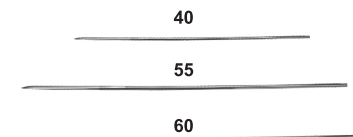
### Taper Point 1/2 Circle



### Inside Cutting 3/8 Circle



### Straight Cutting



### Inside Cutting 1/2 Circle



Available in Sizes

6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
Double armed and precut sutures are also available.

### RAESTER

<b>Composition</b>	Polyester
<b>Construction</b>	Braided
<b>Coating</b>	Silicone
<b>Sterilization</b>	Ethylene Oxide
<b>Colour</b>	Green and Undyed

#### INDICATIONS

RAESTER suture is indicated for use in general soft tissue approximation and ligation, including ophthalmic and cardiovascular procedures.

- Coated with silicon which helps in easy passage and smoother and better handling.
- Excellent strength & handling properties.
- Smooth tie-down properties.



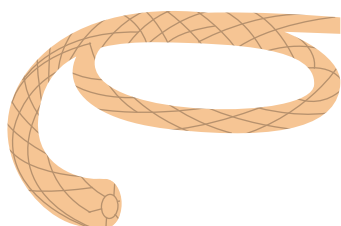


# NON ABSORBABLE SUTURES

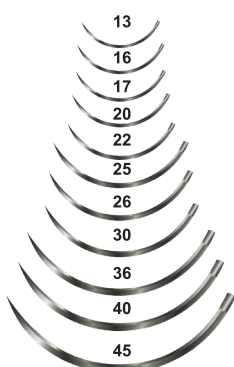
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## RAESTER

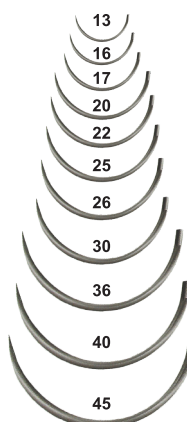
Nonabsorbable Surgical Suture  
Polyester, Coated, Braided



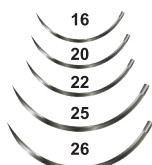
### Reverse Cutting 3/8 Circle



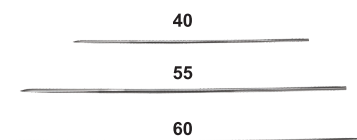
### Taper Point 1/2 Circle



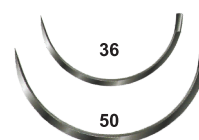
### Inside Cutting 3/8 Circle



### Straight Cutting



### Inside Cutting 1/2 Circle



Available in Sizes

6-0, 5-0, 4-0, 3-0, 2-0, 0, 1, 2

Sutures and needles combinations can be customized upon request.  
Double armed and precut sutures are also available.



## Note

**radix** 

Implants & Biomaterials