

## Dental surgical sutures





# 0] BIOMED® PRODUCTS



# BIOSHORT

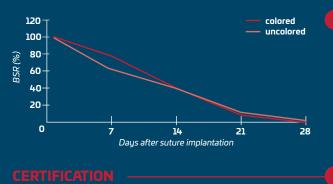
## Absorbable synthetic monofilament suture

### SPECIFICS

- High tensile strength.
- Easy handling, flexibility and easy execution of the node.
- Atraumatic passage through the tissues due to the smooth surface.
- Excellent sliding through the tissues.
- Low thread memory.

### SUTURE TENSILE STRENGTH

**COLORED:** 70% in one week; 40% in two weeks; 12% in three weeks; 3% in four weeks. **UNCOLORED:** 80% in one week; 40% in two weeks; 15% in three weeks; 4% in four weeks.



CE 0373 class III

### COLO

Violet or undyed (amber) **MOLECULE** Copolymer composed of 75% Glycolide and 25% ε-caprolactone (PGA-PCL)

**COATING TYF** Uncoated

### INFORMATIONS

Bioshort sutures are indicated for the approximation and/or ligation of the soft tissues, blood vessels and muscles. They can be used in gastrointestinal, plastic and reconstructive surgery, urology, gynecology and obstetrics. Not indicated for cardiovascular tissues, on the central nervous system, microsurgery and ophthalmic surgery.

### ABSORPTION

Happens by hydrolysis and is complete in about 90 - 110 days

STERILIZATIO Ethylene oxide EXPIRE 5 years

# **BIOSHORT** Absorbable synthetic monofilament suture

ROUND BODIED 1/2 circle		GAUGE		THREAD	PACK ×THREADS NUMBER	SPECIFICS	
	USP	EP	length (cm)	CODE			
		5/0	1	70	36	Undyed	BH465EU1
HR mm 17		4/0	1,5	70	36	Undyed	BH464EU1
		3/0	2	70	36	Undyed	BH463EU1

REVERSE	REVERSE CUTTING	GAUGE		THREAD	PACK		
	3/8 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
DS mm 16		4/0	1,5	70	36	Undyed	BH164EU1

	REVERSE CUTTING PRECISION POINT 3/8 circle	GAI	JGE	THREAD	PACK		
		USP	EP	length (cm)	×THREADS NUMBER	SPECIFICS	CODE
DSM mm 13		5/0	1	45	36	Undyed	BH265CU1
DSM		5/0	1	45	36	Undyed	BH1E5CU1
mm 18		4/0	1,5	70	36	Undyed	BH1E4EU1
$\checkmark$		3/0	2	70	36	Undyed	BH1E3EU1

LOT 19/0002560 REF GY165EV1 bibile ito, riasso DS 16 mm absor 3180 E 0373 STURILERO I & & S V" LOT 19/0002560

## **GLYCO**

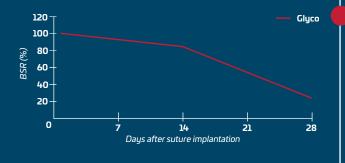
## Braided and coated absorbable synthetic suture

### SPECIFICS

- High tensile strength.
- Easy handling and easy execution of the node.
- Excellent knot tying security.
- Excellent sliding through the tissues.
- Predictable absorption profile.

### SUTURE TENSILE STRENGTH

Glyco sutures, after two weeks of post implantation, maintains approximately the 82% of the breaking strength and after three weeks about the 56%.



### COLOI

Violet or undyed (beige) **MOLECULE** Polyglycolic acid (PGA) **COATING TYPE** Polycaprolactone and calcium stearate

### INFORMATIONS

Glyco sutures are indicated for the approximation and/or ligation of the soft tissues, including the usage in ophthalmic procedures. The safety and effectiveness of Glyco sutures in cardiovascular and neural tissue has not been defined.

### ABSORPTION

Happens by hydrolysis and is complete in about 60 - 90 days

### STERILIZATION

Ethylene oxide EXPIRE 5 years

CERTIFICATION CE 0373 class III

# GLYCO

## Braided and coated absorbable synthetic suture

ROUND BODIED 1/2 circle	GAUGE		THREAD	PACK			
	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE	
HR mm 17		4/0	1,5	70	36	Violet	GY464EV1
HR		5/0	1	70	36	Violet	GY485EV1
mm 22		4/0	1,5	70	36	Violet	GY484EV1
		3/0	2	70	36	Violet	GY483EV1

TAPER CUT 1/2 circle	TAPER CUT 1/2 circle	GAUGE		THREAD	PACK	SPECIFICS	CODE
15 M	$\bigcirc$	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
HRT mm 17		4/0	1,5	70	36	Violet	GY684EV1

	REVERSE CUTTING	GAUGE		THREAD	PACK		
V C	1/2 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
HS mm 12		5/0	1	70	36	Violet	GY6M5EV1

	REVERSE CUTTING	GAUGE		THREAD	PACK		
	PRECISION POINT 1/2 circle	USP	EP	length (cm)	×THREADS NUMBER	SPECIFICS	CODE
HSM mm 7		7/0	0,5	45	12	Violet	GY6L7CVZ

## Braided and coated absorbable synthetic suture

REVERSE CUTTING 3/8 circle	GA	JGE	THREAD	РАСК			
		USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
DS	6/0	0,7	70	36	Violet	GY156EV1	
mm 13		5/0	1	70	36	Violet	GY155EV1
$\bigcirc$	4/0	1,5	70	36	Violet	GY154EV1	
DS		5/0	1	70	36	Violet	GY165EV1
mm 16		4/0	1,5	70	36	Violet	GY164EV1
V		3/0	2	70	36	Violet	GY163EV1
<b>DS</b> mm 18	4/0	1,5	70	36	Violet	GY1D4EV1	
$\bigvee$		3/0	2	70	36	Violet	GY1D3EV1

	REVERSE CUTTING PRECISION POINT 3/8 circle	GAL	JGE	THREAD	PACK		
		USP	EP	length (cm)	×THREADS NUMBER	SPECIFICS	CODE
DSM mm ll		7/0	0,5	45	12	Violet	GY257CVZ
$\smile$		6/0	0,7	45	36	Violet	GY256CV1
DSM mm 13		6/0	0,7	45	36	Violet	GY266CV1
		5/0	1	45	36	Violet	GY265CV1



Braided and coated absorbable synthetic suture



## BIOCRYL

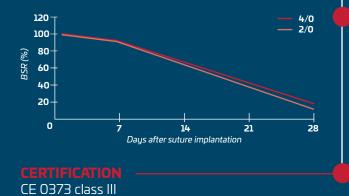
## Braided and coated absorbable synthetic suture

### SPECIFICS

- High tensile strength.
- Easy handling and easy execution of the node.
- Excellent knot tying security.
- Excellent sliding through the tissues.
- Predictable absorption profile.

### SUTURE TENSILE STRENGTH

Biocryl sutures, after two weeks post implantation, maintains approximately the 75% of the breaking strength and after three weeks about the 50%. After four weeks, it is about the 30% for USP 4/0 sutures, and less than 25% for USP 2/0.



### COLO

Violet or undyed (beige) **MOLECULE** Glycolic acid copolymer at 90% and lactic acid at 10% (Polyglactin 910)

**COATING TYPE** Polyglactin 370 and calcium stearate

### INFORMATIONS

Biocryl sutures are indicated for the approximation and/or ligation of the soft tissues, including the usage in ophthalmic procedures. The safety and effectiveness of Biocryl sutures in cardiovascular and neural tissue has not been defined.

### ABSORPTION

Happens by hydrolysis and is complete in about 56 - 70 days

Ethylene oxide EXPIRE 5 years

## **BIOCRYL** Braided and coated absorbable synthetic suture

	ROUND BODIED	GAL	JGE	THREAD	PACK		
	1/2 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
		6/0	0,7	70	36	Violet	BC466EV1
HR		5/0	1	70	36	Violet	BC465EV1
mm 17		4/0	1,5	70	36	Violet	BC464EV1
		3/0	2	70	36	Violet	BC463EV1
		2/0	З	70	36	Violet	BC462EV1
		5/0	1	70	36	Violet	BC485EV1
HR mm 22	4/0	1,5	70	36	Violet	BC484EV1	
		3/0	2	70	36	Violet	BC483EV1
		2/0	З	70	36	Violet	BC482EV1

TAPER CUT 1/2 circle	<b>TAPER CUT</b> 1/2 circle	GAUGE		THREAD length	PACK × THREADS	SPECIFICS	CODE
	$\bigcirc$	USP	EP	(cm)	NUMBER	Si Echires	CODE
HRT mm 17		4/0	1,5	70	36	Violet	BC684EV1
$\bigvee$		3/0	2	70	36	Violet	BC683EV1

REVERSE CUTTING 3/8 circle	REVERSE CUTTING	GAL	JGE	THREAD	РАСК		
		USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
		6/0	0,7	70	36	Violet	BC156EV1
DS mm 13		5/0	1	70	36	Violet	BC155EV1
		4/0	1,5	70	36	Violet	BC154EV1
		5/0	1	70	36	Violet	BC165EV1
DS mm 16	4/0	1,5	70	36	Violet	BC164EV1	
-		3/0	2	70	36	Violet	BC163EV1



CE0373 II ® 8 ® X 06/2024 19/0003209 REF NB265FB1 USP 510 IOVABIO n assorbibile DSM 13 mm 318c CE0373 ETERMERC TI® & S X= LOT 19/0003209 2 06/2024

## NOVABIO

## Non-absorbable synthetic monofilament suture

## SPECIFICS

- High tensile strength.
- Easy handling, flexibility and easy execution of the node.
- Excellent knot tying security.
- The uniform size and smooth surface of the suture permit atraumatic passage and excellent sliding through the tissues and the most resistant cardiovascular prothesis.
- Low thread memory.

### SUTURE TENSILE STRENGTH

Novabio suture is non-absorbable, so it isn't known any substantive change in tensile strength.

Non-absorbable **STERILIZATION** Ethylene oxide **EXPIRE** 5 years

### COLOR

Blue MOLECULE Polyvinylidenfluoride COATING TYPE Uncoated

### INFORMATIONS

Novabio is indicated for suturing blood vessels and soft tissues, for neurosurgery and ophthalmic surgery. Its characteristic of long durability makes it particularly suitable for all minimally invasive surgical procedures, in vascular and cardiac surgery. **Custom sizes are available on request.** 

CERTIFICATION CE 0373 class III

# **NOVABIO** Non-absorbable synthetic monofilament suture

	TAPER CUT 1/2 circle	GAL	JGE	THREAD	PACK	SPECIFICS	CODE
	$\bigcirc$	USP	EP	length (cm)	NUMBER		CODE
		5/0	1	75	36	Blue	NB685FB1
HRT mm 17	4/0	1,5	75	36	Blue	NB684FB1	
		3/0	2	75	36	Blue	NB683FB1
		2/0	З	75	36	Blue	NB682FB1
HRT mm 22	3/0	2	75	36	Blue	NB703FB1	
		2/0	З	75	36	Blue	NB702FB1

	TAPER CUT 3/8 circle	GAUGE		THREAD	PACK x THREADS	SPECIFICS	CODE
	$\bigcirc$	USP	EP	length (cm)	NUMBER		CODE
		5/0	1	75	36	Blue	NB115FB1
DRT mm 17	4/0	1,5	75	36	Blue	NB114FB1	
		3/0	2	75	36	Blue	NB113FB1

# **NOVABIO** Non-absorbable synthetic monofilament suture

	REVERSE CUTTING	GAL	JGE	THREAD	PACK		
	3/8 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
		6/0	0,7	45	36	Blue	NB156CB1
DS mm 13		5/0	1	45	36	Blue	NB155CB1
		4/0	1,5	45	36	Blue	NB154CB1
DC		5/0	1	45	36	Blue	NB165CB1
DS mm 16		4/0	1,5	45	36	Blue	NB164CB1
		3/0	2	45	36	Blue	NB163CB1
DS mm 18	4/0	1,5	45	36	Blue	NB1D4CB1	
	3/0	2	45	36	Blue	NB1D3CB1	
~		2/0	З	45	36	Blue	NB1D2CB1

# **NOVABIO** Non-absorbable synthetic monofilament suture

17

## BIOLENE

REF BEIEACBI

## Non-absorbable synthetic monofilament suture

- High tensile strength. •
- Easy handling, flexibility and easy execution • of the node.

Polipropile BIOI

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non

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- Excellent knot tying security.
- The uniform size and smooth surface of the suture permit atraumatic passage and excellent sliding through the tissues.
- Low thread memory. •

Biolene suture is non-absorbable, so it isn't known any substantive change in tensile strength.

Non-absorbable

## Ethylene oxide

5 years

The Biolene sutures are also offered in a dedicated packaging to prevent the memory effect.

Blue or Undyed Polypropylene Uncoated

Biolene sutures are indicated for the approximation and/or ligation of the soft tissues, including the use in cardiovascular surgery and neurosurgery. Thanks to their specifics, they result particularly indicated for the closure of the skin and in plastic and reconstructive surgery. Custom sizes are available on request.



## **BIOLENE** Non-absorbable synthetic monofilament suture

	REVERSE CUTTING 3/8 circle	GAUGE		THREAD	PACK		
		USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
DS mm 13		5/0	1	75	36	Blue	BE155FB1
DS mm 16		5/0	1	75	36	Blue	BE165FB1
$\bigvee$		4/0	1,5	75	36	Blue	BE164FB1

	REVERSE CUTTING	GAUGE		THREAD	PACK			
	PRECISION POINT 3/8 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE	
DSM mm 13		6/0	0,7	45	36	Blue	BE266CB1	

	CE03 OG G	0		
	18/000 LOT 18/000	0991		
	LO		FB1	
		REF NY113	310 3(20 metric)	
	an allement	D. non assorbibile	75cm	
. (	NYLON Polanmide 6-8/8, blu, monodiament Polanmide 6-8/8, blue, monodiament Polanide 6-8/8, blue, monodiament Polanide 6-8/8, blue, monodiament	DRT 17 mm		
	Polarimide 6.06. But Polyamide 6.06. But Polyamide 6.017.3 ETEMBER (C. 6.0373 ETEMBER (L. S. C.	30	11	
	F ID C	15		
	02/2023 LOT 18/000099	1		
	LOI			

## NYLON

Non-absorbable synthetic monofilament suture

## SPECIFICS

- High tensile strength.
- Easy handling, flexibility and easy execution of the node.
- Excellent knot tying security.
- The uniform size and smooth surface of the suture permit atraumatic passage and excellent sliding through the tissues.
- Low thread memory.

## COLOR

Blue or Black **MOLECULE** Polyamide 6 or Polyamide 6-6 **COATING TYPE** Uncoated

## INFORMATIONS

Nylon sutures are indicated for the approximation and/or ligation of the soft tissues, including use in cardiovascular, ophthalmic, plastic, orthopedic surgery, in microsurgery and suturing of the neural tissue.

## SUTURE TENSILE STRENGTH

Nylon suture is non-absorbable. However, due to its hydrolytic process, it may gradually lose its tensile strength through time.

## ABSORPTION

Non-absorbable

### STERILIZATION

Ethylene oxide

5 years



# NYLON

## Non-absorbable synthetic monofilament suture

REVERSE CUTTING 1/2 circle		GAUGE		THREAD length (cm)	PACK × THREADS NUMBER	SPECIFICS	
	USP	EP	CODE				
HS mm 17		4/0	1,5	75	36	Blue	NY1H4FB1

	REVERSE CUTTING	GAL	JGE	THREAD	PACK		
	3/8 circle	USP	EP	length (cm)	× THREADS NUMBER	SPECIFICS	CODE
<b>DS</b> mm 13		6/0	0,7	75	36	Blue	NY156FB1
$\bigvee$		5/0	1	75	36	Blue	NY155FB1
		6/0	0,7	75	36	Blue	NY166FB1
DS mm 16		5/0	1	75	36	Blue	NY165FB1
<b>V</b>		4/0	1,5	75	36	Blue	NY164FB1
<b>DS</b> mm 18		4/0	1,5	75	36	Blue	NY1D4FB1
$\bigvee$		3/0	2	75	36	Blue	NY1D3FB1



Braided and coated non-absorbable synthetic multifilament suture

## SPECIFICS

- Constant tensile strength through time.
- Easy handling, flexibility and easy execution of the node.
- Excellent knot tying security.
- The special coating of the suture permits atraumatic passage and excellent sliding through the tissues.
- Maximum reliability in the application of prothesis and in the approximation of tissue subjected to tension.
- Reduced capillarity.

## SUTURE TENSILE STRENGTH

Polybio doesn't show significant loss of strength through time.

### ABSORPTION

Non-absorbable **STERILIZATION** Ethylene oxide **EXPIRE** 5 years

### COLOR

Green or white **MOLECULE** Polyester **COATING TYPE** MED2174 silicon or wax

## INFORMATIONS

For its particular characteristics, Polybio sutures are especially suitable for cardiovascular surgery and suturing of the skin. It can also be employed in the approximation and/or ligation of the soft tissues, in ophthalmic and orthopedic surgery, and for neural tissues.

Custom sizes are available on request.

CERTIFICATION CE 0373 class III

# Braided and coated non-absorbable synthetic multifilament suture

	ROUND BODIED	GAL	JGE	THREAD	PACK		
	1/2 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
HR mm 13		4/0	1,5	45	36	Green	PB454CG1
		5/0	1	75	36	Green	PB465FG1
<b>HR</b> mm 17		4/0	1,5	75	36	Green	PB464FG1
$\bigvee$		3/0	2	75	36	Green	PB463FG1
		2/0	З	75	36	Green	PB462FG1
HR		4/0	1,5	75	36	Green	PB484FG1
mm 22		3/0	2	75	36	Green	PB483FG1
		2/0	З	75	36	Green	PB482FG1

	TAPER CUT 1/2 circle	GAUGE		THREAD length	PACK × THREADS	SPECIFICS	CODE
	$\bigcirc$	USP	EP	(cm)	NUMBER	SPECIFICS	CODE
		5/0	1	75	36	Green	PB685FG1
HRT mm 17		4/0	1,5	75	36	Green	PB684FG1
		3/0	2	75	36	Green	PB683FG1
		2/0	З	75	36	Green	PB682FG1
HRT mm 22		3/0	2	75	36	Green	PB703FG1
		2/0	З	75	36	Green	PB702FG1

## Braided and coated non-absorbable synthetic

	REVERSE CUTTING 1/2 circle	GAUGE		THREAD	PACK		
		USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
HS mm 22		3/0	2	45	36	Green	PB793CG1

	ROUND BODIED	GAUGE		THREAD	PACK		
	3/8 circle	USP	EP	<b>length</b> (cm)	x THREADS NUMBER	SPECIFICS	CODE
<b>DR</b> mm 13		5/0	1	75	36	Green	PB045FG1
		4/0	1,5	75	36	Green	PB044FG1
<b>DR</b> mm 17		4/0	1,5	75	36	Green	PB064FG1
$\bigvee$		3/0	2	75	36	Green	PB063FG1

	<b>TAPER CUT</b> 3/8 circle	GAL	JGE	THREAD	PACK		CODE
	$\bigcirc$	USP	EP	length (cm)	× THREADS NUMBER	SPECIFICS	
DRT mm 13		5/0	1	75	36	Green	PB105FG1
		6/0	0,7	75	36	Green	PB116FG1
DRT		5/0	1	75	36	Green	PB115FG1
mm 17		4/0	1,5	75	36	Green	PB114FG1
		3/0	2	75	36	Green	PB113FG1
		2/0	З	75	36	Green	PB112FG1

## Braided and coated non-absorbable synthetic

REVERSE	GA	UGE	THREAD	PACK		
3/8 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
	6/0	0,7	45	36	Green	PB156CG1
<b>DS</b> mm 12	5/0	1	45	36	Green	PB155CG1
$\smile$	4/0	1,5	45	36	Green	PB154CG1
	4/0	1,5	75	36	Green	PB154FG1
	6/0	0,7	45	36	Green	PB166CG1
DS	5/0	1	45	36	Green	PB165CG1
mm 16	4/0	1,5	45	36	Green	PB164CG1
	4/0	2	75	36	Green	PB164FG1
	3/0	2	45	36	Green	PB163CG1
	5/0	1	45	36	Green	PB1D5CG1
	4/0	1,5	45	36	Green	PB1D4CG1
<b>DS</b> mm 18	4/0	1,5	75	36	Green	PB1D4FG1
$\bigvee$	3/0	2	45	36	Green	PB1D3CG1
	3/0	2	75	36	Green	PB1D3FG1
	2/0	З	45	36	Green	PB1D2CG1

	REVERSE CUTTING	GAL	JGE	THREAD	PACK		
	PRECISION POINT 3/8 circle	USP	EP	length (cm)	× THREADS NUMBER	SPECIFICS	CODE
DSM mm 13		6/0	0,7	45	36	Green	PB266CG1



# BIOSILK

## Braided and coated non-absorbable natural suture

### SPECIFICS

- High tensile strength.
- Easy handling, flexibility and easy execution of the node.
- Excellent knot tying security.
- The uniform size and smooth surface of the suture permit atraumatic passage and excellent sliding through the tissues.
- Reduced capillarity.

### SUTURE TENSILE STRENGTH

Biosilk suture is non-absorbable, however, the progressive degradation of its protein fibers, leads to a gradual loss of tensile strength through time.

### ABSORPTION

Non-absorbable

### STERILIZATION

Ethylene oxide

5 years

### COLOR

Black or Blue

ULELULE

Fibroin: protein derived from the silkworm Bombyx-mori species

COATING TYPE Silicon or wax

## INFORMATIONS

Biosilk sutures are indicated for approximation and/or ligation of the soft tissues, skin and subcutaneous layers. Especially suitable for cardiovascular, ophthalmic, dental surgery and in neurosurgery.

CERTIFICATION CE 0373 class III

# **BIOSILK** Braided and coated non-absorbable natural suture

	ROUND BODIED	GAL	JGE	THREAD	PACK		
	1/2 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
<b>HR</b> mm 13		5/0	1	45	36	Black	SK455CN1
$\smile$		4/0	1,5	45	36	Black	SK454CN1
		5/0	1	75	36	Black	SK465FN1
HR mm 17		4/0	1,5	75	36	Black	SK464FN1
$\bigvee$		3/0	2	75	36	Black	SK463FN1
		2/0	З	75	36	Black	SK462FN1
HR		4/0	1,5	75	36	Black	SK484FN1
mm 22		3/0	2	75	36	Black	SK483FN1
		2/0	З	75	36	Black	SK482FN1
HR mm 26		3/0	2	75	36	Black	SK023FN1
		2/0	З	75	36	Black	SK022FN1

J.	TAPER CUT 1/2 circle	GAL	JGE	THREAD	PACK	SPECIFICS	CODE
	$\bigcirc$	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
HRT mm 17		5/0	1	75	36	Black	SK685FN1
		4/0	1,5	75	36	Black	SK684FN1
$\bigvee$	3/0	2	75	36	Black	SK683FN1	
		2/0	З	75	36	Black	SK682FN1
HRT mm 22		3/0	2	75	36	Black	SK703FN1
		2/0	З	75	36	Black	SK702FN1

## **BIOSILK** Braided and coated non-absorbable natural suture

	REVERSE CUTTING	GAL	JGE	THREAD	РАСК		
	1/2 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
HS mm 17		3/0	2	75	36	Black	SK1H3FN1
<b>HS</b> mm 22		3/0	2	75	36	Black	SK793FN1
$\bigcup$		2/0	З	75	36	Black	SK792FN1

	<b>TAPER CUT</b> 3/8 circle	GAL	JGE	THREAD	PACK		CODE
1 m	$\bigcirc$	USP	EP	length (cm)	× THREADS NUMBER	SPECIFICS	
DRT mm 17		4/0	1,5	75	36	Black	SK114FN1
		3/0	2	75	36	Black	SK113FN1

## **BIOSILK** Braided and coated non-absorbable natural suture

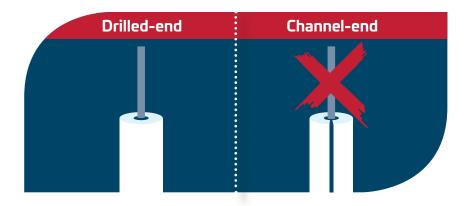
	REVERSE CUTTING	GAL	JGE	THREAD	PACK		
	3/8 circle	USP	EP	length (cm)	x THREADS NUMBER	SPECIFICS	CODE
<b>DS</b> mm 13		5/0	1	75	36	Black	SK155FN1
$\bigvee$		4/0	1,5	75	36	Black	SK154FN1
DS		5/0	1	75	36	Black	SK165FN1
DS mm 16		4/0	1,5	75	36	Black	SK164FN1
		3/0	2	75	36	Black	SK163FN1
		5/0	1	45	36	Black	SK1D5CN1
		4/0	1,5	45	36	Black	SK1D4CN1
<b>DS</b> mm 18		4/0	1,5	45	36	Black	SK1D4FN1
$\bigvee$		3/0	2	45	36	Black	SK1D3CN1
		3/0	2	75	36	Black	SK1D3FN1
		2/0	З	75	36	Black	SK1D2FN1
DS mm 24		3/0	2	75	36	Black	SK193FN1
		2/0	З	75	36	Black	SK192FN1

# 02 NEEDLES

For all BIOMED<sup>®</sup> sutures, 302 series siliconized steel needles are used, the best solution on the market for its characteristics of **ductility**, **flexibility**, **penetration** and **resistance to breakage**.

Furthermore, **all the needles are drilled-end** and not channel-end type: they have a hole in the terminal part where the thread is inserted, guaranteeing both a **better needle/thread seal during the stresses in surgical practices**, and a **greater uniformity of the body of the suture greatly reducing bleeding due to more traumatic passages**.

The high quality of the needles used for BIOMED<sup>®</sup> sutures allows these needles to be **suitable for the most critical and demanding surgical specialties** thanks to the abstraction and the ability to penetrate which remain constant after several passages through the tissues.



All our needles are safely stored in a foam that allows operators to handle the packaging in **total safety** and the needle to keep **its characteristics intact**.



## BIOMED®

## BIOMED<sup>®</sup> is a trademark born by the thirty years experience that **Bio Sud Medical Systems** accomplished in the medical devices segment.

The modern production activity totally takes place in Italy, into a clean room certified by **ISO standard** and under constant and periodical cleaning parameters controls.

Strategies are planned to obtain exclusively **high-quality products**, through a careful selection of providers, raw materials and production machineries on a global scale. The production processes are validated only after constant laboratory controls.

The production structure is a combination of technological automation and specialized skilled manpower, always ready to be at your service.

All BIOMED<sup>®</sup> sutures are certified by the ISS (Istituto Superiore della Sanità) with CE 0373, belong to Class III and are sterilized with Ethylene Oxide. The company is also certified with the DNV-GL for ISO 13485 and ISO 9001.



BIOMED® is a Bio Sud Medical Systems s.r.l. registered trademark

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