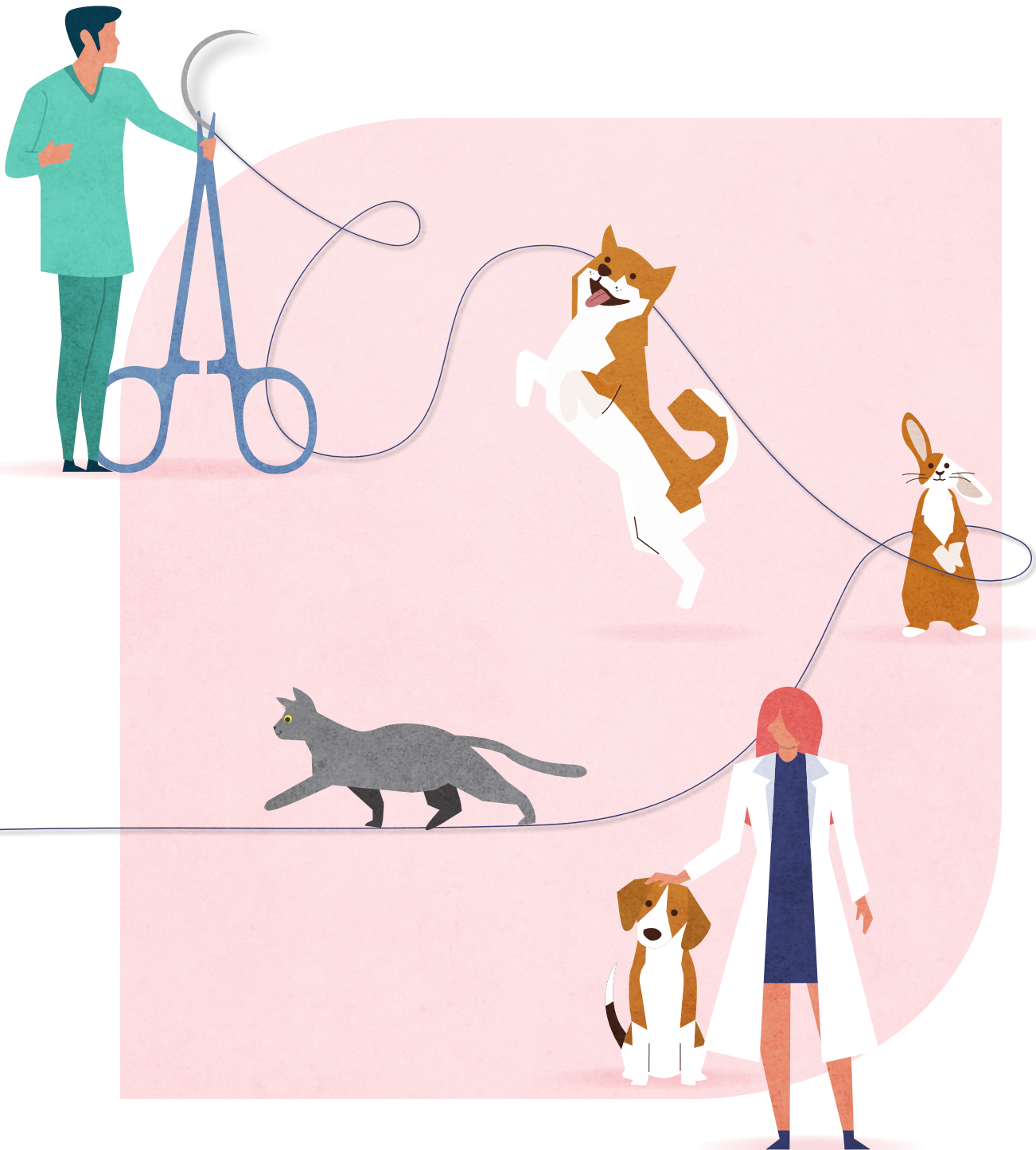




Italian manufacturer of surgical sutures







BIOMED

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**BIOMED®  
PRODUCTS**

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# BIOCRYL

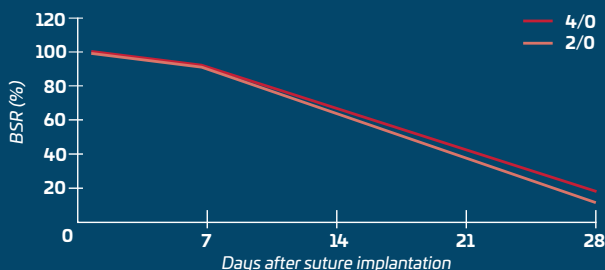
*Braided and coated absorbable synthetic suture*

## 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.



**CERTIFICATION**  
CE 0373 class III

## COLOR

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

## STERILIZATION

Ethylene oxide



## EXPIRE

5 years

# BIOCRYL




*Braided and coated absorbable synthetic suture*







	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HR</b> mm 17 		5/0	1	70	36	Violet	<b>BC465EV1</b>
		4/0	1,5	70	36	Violet	<b>BC464EV1</b>
		3/0	2	70	36	Violet	<b>BC463EV1</b>
		2/0	3	70	36	Violet	<b>BC462EV1</b>
<b>HR</b> mm 22 		4/0	1,5	70	36	Violet	<b>BC484EV1</b>
		3/0	2	70	36	Violet	<b>BC483EV1</b>
		2/0	3	70	36	Violet	<b>BC482EV1</b>
<b>HR</b> mm 26 		4/0	1,5	70	36	Violet	<b>BC024EV1</b>
		3/0	2	70	36	Violet	<b>BC023EV1</b>
		3/0	2	90	36	Violet	<b>BC023GV1</b>
		2/0	3	70	36	Violet	<b>BC022EV1</b>
		2/0	3	90	36	Violet	<b>BC022GV1</b>
		0	3,5	70	36	Violet	<b>BC021EV1</b>
		0	3,5	90	36	Violet	<b>BC021GV1</b>
		1	4	70	36	Violet	<b>BC02AEV1</b>
<b>HRS</b> mm 26 - strong 		3/0	2	70	36	Violet	<b>BC623EV1</b>
		2/0	3	70	36	Violet	<b>BC622EV1</b>
<b>HR</b> mm 30 		3/0	2	70	36	Violet	<b>BC493EV1</b>
		2/0	3	70	36	Violet	<b>BC492EV1</b>
		0	3,5	70	36	Violet	<b>BC491EV1</b>
		1	4	70	36	Violet	<b>BC49AEV1</b>

	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HRS</b> mm 30 - strong 		1	4	70	36	Violet	<b>BC63AEV1</b>
		1	4	90	36	Violet	<b>BC63AGV1</b>
<b>HRS</b> mm 36 - strong 		2/0	3	70	36	Violet	<b>BC642EV1</b>
		2/0	3	90	36	Violet	<b>BC642GV1</b>
		0	3,5	90	36	Violet	<b>BC641GV1</b>
		1	4	90	36	Violet	<b>BC64AGV1</b>
		2	5	90	36	Violet	<b>BC64BGV1</b>
<b>HRS</b> mm 40 - strong 		2/0	3	70	36	Violet	<b>BC652EV1</b>
		0	3,5	90	36	Violet	<b>BC651GV1</b>
		1	4	90	36	Violet	<b>BC65AGV1</b>
		2	5	90	36	Violet	<b>BC65BGV1</b>
<b>HRS</b> mm 48 - strong 		0	3,5	90	36	Violet	<b>BC661GV1</b>
		1	4	90	36	Violet	<b>BC66AGV1</b>
		2	5	90	36	Violet	<b>BC66BGV1</b>
<b>HRS</b> mm 65 - strong 		1	4	90	36	Violet	<b>BC67AGV1</b>
		2	5	90	36	Violet	<b>BC67BGV1</b>

# BIOCRYL




*Braided and coated absorbable synthetic suture*





	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HRT</b> mm 26 		3/0	2	70	36	Violet	<b>BC713EV1</b>
		2/0	3	70	36	Violet	<b>BC712EV1</b>

	REVERSE CUTTING 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HS</b> mm 17 		4/0	1,5	70	36	Violet	<b>BC1H4EV1</b>
<b>HS</b> mm 22 		4/0	1,5	70	36	Violet	<b>BC794EV1</b>
<b>HS</b> mm 26 		3/0	2	70	36	Violet	<b>BC803EV1</b>
		2/0	3	70	36	Violet	<b>BC802EV1</b>
<b>HSS</b> mm 26 - strong 		1	4	70	36	Violet	<b>BC81AEV1</b>

# BIOCRYL

*Braided and coated absorbable synthetic suture*



	REVERSE CUTTING 1/2 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HSS</b> mm 36 - strong 		0	3,5	70	36	Violet	<b>BC821EV1</b>
		0	3,5	90	36	Violet	<b>BC821GV1</b>
		1	4	70	36	Violet	<b>BC82AEV1</b>
		1	4	90	36	Violet	<b>BC82AGV1</b>
<b>HSS</b> mm 40 - strong 		0	3,5	90	36	Violet	<b>BC831GV1</b>
		1	4	90	36	Violet	<b>BC83AGV1</b>
		2	5	90	36	Violet	<b>BC83BGV1</b>

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 13 		5/0	1	70	36	Violet	<b>BC155EV1</b>
		4/0	1,5	70	36	Violet	<b>BC154EV1</b>
<b>DS</b> mm 16 		5/0	1	45	36	Violet	<b>BC165CV1</b>
		4/0	1,5	45	36	Violet	<b>BC164CV1</b>
		3/0	2	45	36	Violet	<b>BC163CV1</b>
<b>DS</b> mm 18 		5/0	1	70	36	Violet	<b>BC1D5EV1</b>
		4/0	1,5	70	36	Violet	<b>BC1D4EV1</b>
		3/0	2	70	36	Violet	<b>BC1D3EV1</b>






# BIOCRYL


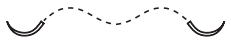
*Braided and coated absorbable synthetic suture*

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 24 		4/0	1,5	70	36	Violet	<b>BC194EV1</b>
		3/0	2	70	36	Violet	<b>BC193EV1</b>
		3/0	2	90	36	Violet	<b>BC193GV1</b>
		2/0	3	70	36	Violet	<b>BC192EV1</b>
		2/0	3	90	36	Violet	<b>BC192GV1</b>
		0	3,5	70	36	Violet	<b>BC191EV1</b>
		0	3,5	90	36	Violet	<b>BC191GV1</b>
<b>DS</b> mm 26 		2/0	3	70	36	Violet	<b>BC202EV1</b>
		0	3,5	70	36	Violet	<b>BC201EV1</b>
<b>DS</b> mm 30 		3/0	2	70	36	Violet	<b>BC213EV1</b>
		3/0	2	90	36	Violet	<b>BC213GV1</b>
		2/0	3	70	36	Violet	<b>BC212EV1</b>
		2/0	3	90	36	Violet	<b>BC212GV1</b>
		0	3,5	70	36	Violet	<b>BC211EV1</b>
		0	3,5	90	36	Violet	<b>BC211GV1</b>
		1	4	70	36	Violet	<b>BC21AEV1</b>
		1	4	90	36	Violet	<b>BC21AGV1</b>

# BIOCRYL

Braided and coated absorbable synthetic suture

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 36 		2/0	3	70	36	Violet	<b>BC222EV1</b>
		0	3,5	70	36	Violet	<b>BC221EV1</b>
		1	4	70	36	Violet	<b>BC22AEV1</b>
<b>DS</b> mm 40 		2/0	3	70	36	Violet	<b>BC232EV1</b>
		1	4	70	36	Violet	<b>BC23AEV1</b>
		2	5	70	36	Violet	<b>BC23BEV1</b>

	ATRAUMATIC SPATULA 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>2 x DZ</b> mm 8 		8/0	0,4	45	12	Violet	<b>BC9A8CVD</b>

STERILE PRE-CUT SUTURES ON SPOOL					
GAUGE		THREAD length (cm)	PACK x THREADS NUMBER.	SPECIFICS	CODE
USP	EP				
4/0	1,5	250	36	Violet	<b>BCBB4LV1</b>
3/0	2	250	36	Violet	<b>BCBB3LV1</b>
2/0	3	250	36	Violet	<b>BCBB2LV1</b>
0	3,5	250	36	Violet	<b>BCBB1LV1</b>
1	4	250	36	Violet	<b>BCBBALV1</b>
2	5	250	36	Violet	<b>BCBBBLV1</b>



# GLYCO

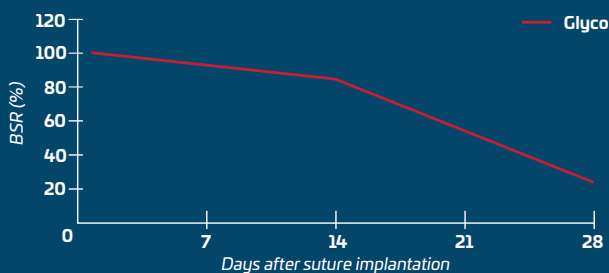
**Braided and coated absorbable synthetic suture**

## 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%.



**CERTIFICATION**  
CE 0373 class III

## COLOR

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

	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HR</b> mm 17 		5/0	1	70	36	Violet	<b>GY465EV1</b>
		4/0	1,5	70	36	Violet	<b>GY464EV1</b>
		3/0	2	70	36	Violet	<b>GY463EV1</b>
		2/0	3	70	36	Violet	<b>GY462EV1</b>
<b>HR</b> mm 22 		4/0	1,5	70	36	Violet	<b>GY484EV1</b>
		3/0	2	70	36	Violet	<b>GY483EV1</b>
		2/0	3	70	36	Violet	<b>GY482EV1</b>
<b>HR</b> mm 26 		4/0	1,5	70	36	Violet	<b>GY024EV1</b>
		3/0	2	70	36	Violet	<b>GY023EV1</b>
		2/0	3	70	36	Violet	<b>GY022EV1</b>
		0	3,5	70	36	Violet	<b>GY021EV1</b>
		1	4	70	36	Violet	<b>GY02AEV1</b>
<b>HR</b> mm 30 		3/0	2	70	36	Violet	<b>GY493EV1</b>
		2/0	3	70	36	Violet	<b>GY492EV1</b>
		0	3,5	70	36	Violet	<b>GY491EV1</b>
		1	4	70	36	Violet	<b>GY49AEV1</b>

	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HRS</b> mm 40 - strong 		2/0	3	70	36	Violet	<b>GY652EV1</b>
		0	3,5	90	36	Violet	<b>GY651GV1</b>
		1	4	90	36	Violet	<b>GY65AGV1</b>
		2	5	90	36	Violet	<b>GY65BGV1</b>
		3&4	6	90	36	Violet	<b>GY65CGV1</b>
<b>HRS</b> mm 48 - strong 		0	3,5	90	36	Violet	<b>GY661GV1</b>
		1	4	90	36	Violet	<b>GY66AGV1</b>
		2	5	90	36	Violet	<b>GY66BGV1</b>
		3&4	6	90	36	Violet	<b>GY66CGV1</b>
<b>HRS</b> mm 65 - strong 		1	4	90	36	Violet	<b>GY67AGV1</b>
		2	5	90	36	Violet	<b>GY67BGV1</b>
		3&4	6	90	36	Violet	<b>GY67CGV1</b>

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 16 		5/0	1	45	36	Violet	<b>GY165CV1</b>
		4/0	1,5	45	36	Violet	<b>GY164CV1</b>
		3/0	2	45	36	Violet	<b>GY163CV1</b>
<b>DS</b> mm 18 		5/0	1	70	36	Violet	<b>GY1D5EV1</b>
		4/0	1,5	70	36	Violet	<b>GY1D4EV1</b>
		3/0	2	70	36	Violet	<b>GY1D3EV1</b>
<b>DS</b> mm 24 		4/0	1,5	70	36	Violet	<b>GY194EV1</b>
		3/0	2	70	36	Violet	<b>GY193EV1</b>
		2/0	3	70	36	Violet	<b>GY192EV1</b>
<b>DS</b> mm 30 		3/0	2	70	36	Violet	<b>GY213EV1</b>
		2/0	3	70	36	Violet	<b>GY212EV1</b>
		0	3,5	70	36	Violet	<b>GY211EV1</b>
		1	4	70	36	Violet	<b>GY21AEV1</b>
<b>DS</b> mm 40 		2/0	3	70	36	Violet	<b>GY232EV1</b>
		2	5	70	36	Violet	<b>GY23BEV1</b>

STERILE PRE-CUT SUTURES ON SPOOL					
GAUGE		THREAD length (cm)	PACK x THREADS NUMBER.	SPECIFICS	CODE
USP	EP				
4/0	1,5	250	36	Violet	<b>GYBB4LV1</b>
3/0	2	250	36	Violet	<b>GYBB3LV1</b>
2/0	3	250	36	Violet	<b>GYBB2LV1</b>
0	3,5	250	36	Violet	<b>GYBB1LV1</b>
1	4	250	36	Violet	<b>GYBBALV1</b>
2	5	250	36	Violet	<b>GYBBBLV1</b>
3&4	6	250	36	Violet	<b>GYBBCLV1</b>
5	7	250	36	Violet	<b>GYBBDLV1</b>



**GLYCO**

*Braided and coated absorbable synthetic suture*



# BIOSHORT

*Absorbable synthetic monofilament suture*

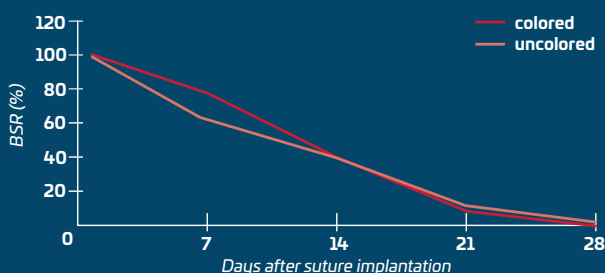
## SPECIFICS

- 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.



## CERTIFICATION

CE 0373 class III

## COLOR

Violet or Undyed (amber)

## MOLECULE

Copolymer composed of 75% Glycolide and 25% ε-caprolactone (PGA-PCL)

## COATING TYPE

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

## STERILIZATION








Ethylene oxide

## EXPIRE

5 years





# BIOSHORT





Absorbable synthetic monofilament suture





	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HR</b> mm 17 		5/0	1	70	36	Violet	<b>BH465EV1</b>
		4/0	1,5	70	36	Violet	<b>BH464EV1</b>
		3/0	2	70	36	Violet	<b>BH463EV1</b>
<b>HR</b> mm 22 		4/0	1,5	70	36	Violet	<b>BH484EV1</b>
		3/0	2	70	36	Violet	<b>BH483EV1</b>
		2/0	3	70	36	Violet	<b>BH482EV1</b>
<b>HR</b> mm 26 		4/0	1,5	70	36	Violet	<b>BH024EV1</b>
		3/0	2	70	36	Violet	<b>BH023EV1</b>
		2/0	3	70	36	Violet	<b>BH022EV1</b>
		0	3,5	70	36	Violet	<b>BH021EV1</b>
<b>HRS</b> mm 26 - strong 		3/0	2	70	36	Violet	<b>BH623EV1</b>
		2/0	3	70	36	Violet	<b>BH622EV1</b>
<b>HR</b> mm 30 		3/0	2	70	36	Violet	<b>BH493EV1</b>
		2/0	3	70	36	Violet	<b>BH492EV1</b>
		0	3,5	70	36	Violet	<b>BH491EV1</b>
		1	4	70	36	Violet	<b>BH49AEV1</b>

# BIOSHORT

Absorbable synthetic monofilament suture




	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HRS</b> mm 30 - strong 		3/0	2	70	36	Violet	<b>BH633EV1</b>
		2/0	3	70	36	Violet	<b>BH632EV1</b>
		0	3,5	70	36	Violet	<b>BH631EV1</b>
<b>HR</b> mm 36 		2/0	3	70	36	Violet	<b>BH502EV1</b>
		0	3,5	70	36	Violet	<b>BH501EV1</b>







	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HRT</b> mm 17 		4/0	1,5	70	36	Violet	<b>BH684EV1</b>
<b>HRT</b> mm 22 		3/0	2	70	36	Violet	<b>BH703EV1</b>

	REVERSE CUTTING 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HS</b> mm 22 		3/0	2	70	36	Violet	<b>BH793EV1</b>
		2/0	3	70	36	Violet	<b>BH792EV1</b>
<b>HSS</b> mm 26 - strong 		2/0	3	70	36	Violet	<b>BH812EV1</b>

# BIOSHORT

Absorbable synthetic monofilament suture

	ROUND BODIED 3/8 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DR</b> mm 17 		4/0	1,5	70	36	Violet	<b>BH064EV1</b>

	REVERSE CUTTING 3/8 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 18 		5/0	1	70	36	Violet	<b>BH1D5EV1</b>
		4/0	1,5	70	36	Violet	<b>BH1D4EV1</b>
		3/0	2	70	36	Violet	<b>BH1D3EV1</b>
<b>DS</b> mm 24 		4/0	1,5	70	36	Violet	<b>BH194EV1</b>
		3/0	2	70	36	Violet	<b>BH193EV1</b>
		2/0	3	70	36	Violet	<b>BH192EV1</b>
<b>DS</b> mm 30 		3/0	2	70	36	Violet	<b>BH213EV1</b>
		2/0	3	70	36	Violet	<b>BH212EV1</b>
		0	3,5	70	36	Violet	<b>BH211EV1</b>
		1	4	70	36	Violet	<b>BH21AEV1</b>
<b>DS</b> mm 36 		0	3,5	70	36	Violet	<b>BH221EV1</b>
		1	4	70	36	Violet	<b>BH22AEV1</b>



# BIOLONG

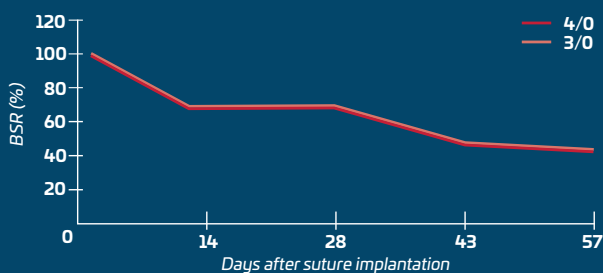
## Absorbable synthetic monofilament suture

### SPECIFICS

- High starting tensile strength.
- Tensile strength loss perfect for the extended support of the wound.
- Easy handling, flexibility and easy execution of the node.
- Excellent knot tying security.
- Atraumatic passage through the tissues due to the smooth surface.
- Optimal sliding through the tissues

### SUTURE TENSILE STRENGTH

Biolong sutures, after two weeks post implantation, has a breaking resistance equal to the 75% of the initial one, that after four weeks becomes a little less than 70%. In six weeks, the tensile strength results to be between 55% and 60%.



**CERTIFICATION**  
CE 0373 class III

### COLOR

Violet or Undyed

### MOLECULE

Polydioxanone

### COATING TYPE

Uncoated

### INFORMATIONS

Biolong sutures are indicated for the approximation and/or ligation of the soft tissues, including use in pediatric cardiovascular surgical procedures, microsurgery, ophthalmic and orthopedic surgery. These sutures are particularly useful if you search for an absorbable suture which can offer extended support to the wound (up to six weeks).

### ABSORPTION

Happens by hydrolysis and is complete in about 180 - 220 days







### STERILIZATION

Ethylene oxide





### EXPIRE





5 years





	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HR</b> mm 13 		6/0	0,7	70	36	Violet	<b>BL456EV1</b>
		5/0	1	70	36	Violet	<b>BL455EV1</b>
<b>HR</b> mm 17 		5/0	1	70	36	Violet	<b>BL465EV1</b>
		4/0	1,5	70	36	Violet	<b>BL464EV1</b>
		3/0	2	70	36	Violet	<b>BL463EV1</b>
<b>HR</b> mm 22 		4/0	1,5	70	36	Violet	<b>BL484EV1</b>
		3/0	2	70	36	Violet	<b>BL483EV1</b>
		2/0	3	70	36	Violet	<b>BL482EV1</b>
<b>HR</b> mm 26 		4/0	1,5	70	36	Violet	<b>BL024EV1</b>
		3/0	2	70	36	Violet	<b>BL023EV1</b>
		2/0	3	70	36	Violet	<b>BL022EV1</b>
		0	3,5	70	36	Violet	<b>BL021EV1</b>
<b>HRS</b> mm 26 - strong 		3/0	2	70	36	Violet	<b>BL623EV1</b>
		2/0	3	70	36	Violet	<b>BL622EV1</b>
<b>HR</b> mm 30 		2/0	3	70	36	Violet	<b>BL492EV1</b>
		0	3,5	70	36	Violet	<b>BL491EV1</b>
		1	4	70	36	Violet	<b>BL49AEV1</b>

	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HR</b> mm 36 		3/0	2	70	36	Violet	<b>BL503EV1</b>
		2/0	3	70	36	Violet	<b>BL502EV1</b>
<b>HRS</b> mm 36 - strong 		3/0	2	70	36	Violet	<b>BL643EV1</b>
		2/0	3	70	36	Violet	<b>BL642EV1</b>
		0	3,5	70	36	Violet	<b>BL641EV1</b>
		1	4	70	36	Violet	<b>BL64AEV1</b>
<b>HRS</b> mm 40 - strong 		2/0	3	90	36	Violet	<b>BL652GV1</b>
		0	3,5	90	36	Violet	<b>BL651GV1</b>
		1	4	90	36	Violet	<b>BL65AGV1</b>
<b>HRS</b> mm 48 - strong 		0	3,5	90	36	Violet	<b>BL661GV1</b>
		1	4	90	36	Violet	<b>BL66AGV1</b>
		2	5	90	36	Violet	<b>BL66BGV1</b>



	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HRT</b> mm 17 		4/0	1,5	70	36	Violet	<b>BL684EV1</b>
<b>HRT</b> mm 22 		3/0	2	70	36	Violet	<b>BL703EV1</b>

	REVERSE CUTTING 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>HSS</b> mm 26 - strong 		3/0	2	70	36	Violet	<b>BL813EV1</b>
		2/0	3	70	36	Violet	<b>BL812EV1</b>
<b>HSS</b> mm 36 - strong 		0	3,5	90	36	Violet	<b>BL821GV1</b>
		1	4	90	36	Violet	<b>BL82AGV1</b>

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 18 		4/0	1,5	70	36	Violet	<b>BL1D4EV1</b>
		3/0	2	70	36	Violet	<b>BL1D3EV1</b>
<b>DS</b> mm 24 		4/0	1,5	70	36	Violet	<b>BL194EV1</b>
		3/0	2	70	36	Violet	<b>BL193EV1</b>
		3/0	2	90	36	Violet	<b>BL193GV1</b>
		2/0	3	70	36	Violet	<b>BL192EV1</b>
		2/0	3	90	36	Violet	<b>BL192GV1</b>
		0	3,5	70	36	Violet	<b>BL191EV1</b>
<b>DS</b> mm 30 		0	3,5	70	36	Violet	<b>BL211EV1</b>
		1	4	70	36	Violet	<b>BL21AEV1</b>

# BIOLONG

*Absorbable synthetic monofilament suture*



# POLYBIO

*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

## COLORS

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





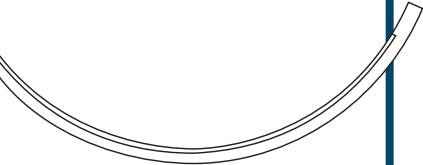
# POLYBIO

*Braided and coated non-absorbable synthetic multifilament suture*

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 18 		4/0	1,5	45	36	Green	<b>PB1D4CG1</b>
		3/0	2	45	36	Green	<b>PB1D3CG1</b>
		2/0	3	45	36	Green	<b>PB1D2CG1</b>
<b>DS</b> mm 24 		3/0	2	45	36	Green	<b>PB193CG1</b>
		2/0	3	45	36	Green	<b>PB192CG1</b>
		0	3,5	45	36	Green	<b>PB191CG1</b>
<b>DS</b> mm 26 		2/0	3	45	36	Green	<b>PB202CG1</b>
<b>DS</b> mm 30 		3/0	2	45	36	Green	<b>PB213CG1</b>
		3/0	2	75	36	Green	<b>PB213FG1</b>
		2/0	3	75	36	Green	<b>PB212FG1</b>
		0	3,5	75	36	Green	<b>PB211FG1</b>
		1	4	75	36	Green	<b>PB21AFG1</b>

# POLYBIO

*Braided and coated non-absorbable synthetic multifilament suture*

 <b>REVERSE CUTTING</b> 3/8 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
	USP	EP				
<b>DS</b> mm 36 	2/0	3	75	36	Green	<b>PB222FG1</b>
	0	3,5	75	36	Green	<b>PB221FG1</b>
	1	4	75	36	Green	<b>PB22AFG1</b>
<b>DS</b> mm 40 	2/0	3	75	36	Green	<b>PB232FG1</b>
	0	3,5	75	36	Green	<b>PB231FG1</b>
	1	4	75	36	Green	<b>PB23AFG1</b>
	2	5	75	36	Green	<b>PB23BFG1</b>
<b>DSS</b> mm 70 - strong 	5	7	75	36	Green	<b>PB5CDFG1</b>

# POLYBIO

*Braided and coated non-absorbable synthetic multifilament suture*

STERILE PRE-CUT SUTURES ON SPOOL					
GAUGE		THREAD length (cm)	PACK x THREADS NUMBER.	SPECIFICS	CODE
USP	EP				
4/0	1,5	250	36	Green	<b>PBBB4LG1</b>
3/0	2	250	36	Green	<b>PBBB3LG1</b>
2/0	3	250	36	Green	<b>PBBB2LG1</b>
0	3,5	250	36	Green	<b>PBBB1LG1</b>
1	4	250	36	Green	<b>PBBBALG1</b>
2	5	250	36	Green	<b>PBBBBLG1</b>
3&4	6	250	36	Green	<b>PBBBCLG1</b>
5	7	250	36	Green	<b>PBBBDLG1</b>



# 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

## EXPIRE

5 years

## COLORS

Black or Blue

## MOLECULE

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



	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 18 		5/0	1	45	36	Black	<b>SK1D5CN1</b>
		4/0	1,5	45	36	Black	<b>SK1D4CN1</b>
		3/0	2	45	36	Black	<b>SK1D3CN1</b>
		2/0	3	75	36	Black	<b>SK1D2FN1</b>
<b>DS</b> mm 24 		4/0	1,5	45	36	Black	<b>SK194CN1</b>
		3/0	2	45	36	Black	<b>SK193CN1</b>
		2/0	3	45	36	Black	<b>SK192CN1</b>
<b>DS</b> mm 26 		3/0	2	45	36	Black	<b>SK203CN1</b>
		2/0	3	45	36	Black	<b>SK202CN1</b>
		0	3,5	45	36	Black	<b>SK201CN1</b>
		1	4	45	36	Black	<b>SK20ACN1</b>
<b>DS</b> mm 30 		3/0	2	75	36	Black	<b>SK213FN1</b>
		2/0	3	75	36	Black	<b>SK212FN1</b>
		0	3,5	75	36	Black	<b>SK211FN1</b>
		1	4	75	36	Black	<b>SK21AFN1</b>

# BIOSILK

*Braided and coated non-absorbable natural suture*

 <b>REVERSE CUTTING</b> 3/8 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
	USP	EP				
<b>DS</b> mm 36 	2/0	3	75	36	Black	<b>SK222FN1</b>
	0	3,5	75	36	Black	<b>SK221FN1</b>
	1	4	75	36	Black	<b>SK22AFN1</b>
<b>DS</b> mm 40 	2/0	3	75	36	Black	<b>SK232FN1</b>
	0	3,5	75	36	Black	<b>SK231FN1</b>
	1	4	75	36	Black	<b>SK23AFN1</b>
	2	5	75	36	Black	<b>SK23BFN1</b>
<b>DS</b> mm 48 	1	4	75	36	Black	<b>SK2PAFN1</b>

STERILE PRE-CUT SUTURES ON SPOOL					
GAUGE		THREAD length (cm)	PACK x THREADS NUMBER.	SPECIFICS	CODE
USP	EP				
4/0	1,5	250	36	Black	<b>SKBB4LN1</b>
3/0	2	250	36	Black	<b>SKBB3LN1</b>
2/0	3	250	36	Black	<b>SKBB2LN1</b>
0	3,5	250	36	Black	<b>SKBB1LN1</b>
1	4	250	36	Black	<b>SKBBALN1</b>
2	5	250	36	Black	<b>SKBBBLN1</b>



# BIOLENE

*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.

### SUTURE TENSILE STRENGTH

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

### ABSORPTION

Non-absorbable

### STERILIZATION

Ethylene oxide

### EXPIRE

5 years

### PACKAGING

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

### COLOR

Blue or Undyed

### MOLECULE

Polypropylene

### COATING TYPE

Uncoated

### INFORMATIONS

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.**

### CERTIFICATION

CE 0373 class III

# BIOLENE

*Non-absorbable synthetic monofilament suture*

 <b>REVERSE CUTTING</b> 3/8 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
	USP	EP				
<b>DS</b> mm 24 	4/0	1,5	75	36	Blue	<b>BE194FB1</b>
	3/0	2	75	36	Blue	<b>BE193FB1</b>
	2/0	3	75	36	Blue	<b>BE192FB1</b>
<b>DS</b> mm 30 	2/0	3	75	36	Blue	<b>BE212FB1</b>
	0	3,5	75	36	Blue	<b>BE211FB1</b>



# 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.

## 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

## EXPIRE

5 years

## COLORS

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.



## CERTIFICATION



CE 0373 class III

# NYLON

*Non-absorbable synthetic monofilament suture*





	REVERSE CUTTING 1/2 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
	HS mm 26	2/0	3	75	36	Blue	NY802FB1

	TAPER CUT 3/8 circle ◐	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
	DRT mm 17	3/0	2	75	36	Blue	NY113FB1

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
	DS mm 18	5/0	1	45	36	Blue	NY1D5CB1
		4/0	1,5	45	36	Blue	NY1D4CB1
		4/0	1,5	75	36	Blue	NY1D4FB1
		3/0	2	45	36	Blue	NY1D3CB1
		3/0	2	75	36	Blue	NY1D3FB1

# NYLON





*Non-absorbable synthetic monofilament suture*



	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 24 		4/0	1,5	45	36	Blue	<b>NY194CB1</b>
		4/0	1,5	75	36	Blue	<b>NY194FB1</b>
		3/0	2	45	36	Blue	<b>NY193CB1</b>
		3/0	2	75	36	Blue	<b>NY193FB1</b>
		2/0	3	45	36	Blue	<b>NY192CB1</b>
		2/0	3	75	36	Blue	<b>NY192FB1</b>
		0	3,5	45	36	Blue	<b>NY191CB1</b>
		0	3,5	75	36	Blue	<b>NY191FB1</b>
<b>DS</b> mm 26 		3/0	2	75	36	Blue	<b>NY203FB1</b>
		3/0	2	90	36	Blue	<b>NY203GB1</b>
		2/0	3	75	36	Blue	<b>NY202FB1</b>
		0	3,5	75	36	Blue	<b>NY201FB1</b>
<b>DS</b> mm 30 		3/0	2	75	36	Blue	<b>NY213FB1</b>
		2/0	3	75	36	Blue	<b>NY212FB1</b>
		0	3,5	75	36	Blue	<b>NY211FB1</b>
		1	4	75	36	Blue	<b>NY21AFB1</b>



# NYLON

*Non-absorbable synthetic monofilament suture*

	REVERSE CUTTING 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>DS</b> mm 36 		0	3,5	75	36	Blue	<b>NY221FB1</b>
		0	3,5	90	36	Blue	<b>NY221GB1</b>
<b>DS</b> mm 40 		2/0	3	90	36	Blue	<b>NY232GB1</b>
		0	3,5	75	36	Blue	<b>NY231FB1</b>
		1	4	75	36	Blue	<b>NY23AFB1</b>
		2	5	90	36	Blue	<b>NY23BGB1</b>
<b>DS</b> mm 90 		2	5	100	36	Blue	<b>NY5HBNB1</b>

	ATRAUMATIC SPATULA 1/4 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
<b>2 x VZ</b> mm 8 		6/0	0,7	45	36	Blue	<b>NY9E6CBD</b>



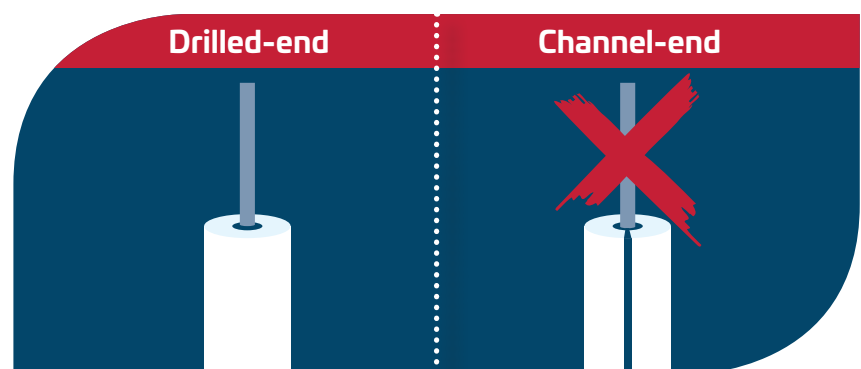
## 02 NEEDLES

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*For all BIOMED® 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® 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.**



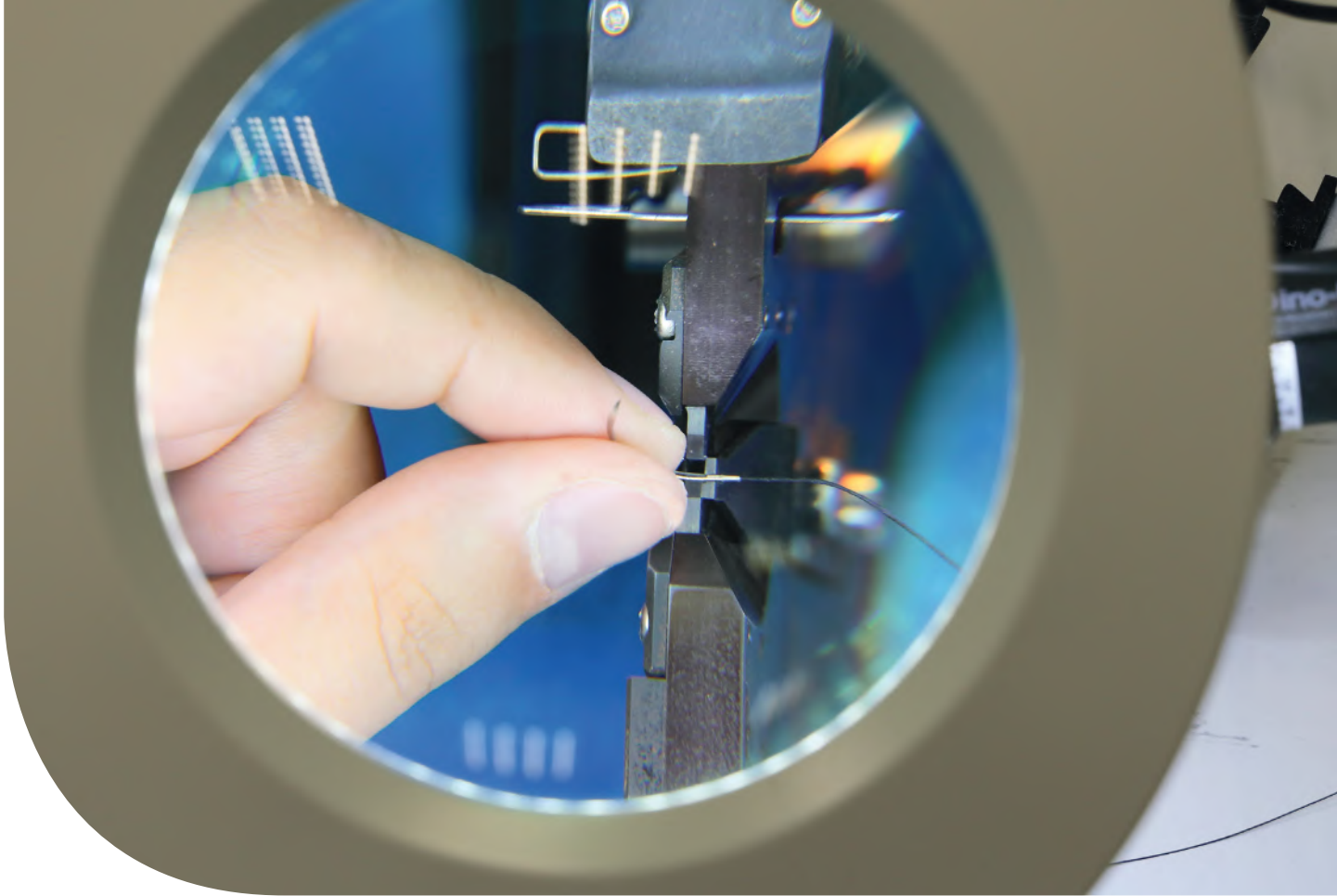
# 03

## ATRAUMATIC APPROACH

*The welding between needle and thread necessarily involves a deformation of the needle as it is mechanically forced in order to **guarantee the tightness of the thread even where strong tractions are applied on the suture.***

The BIOMED® sutures are subjected to a process of shrinking **the needle attaching area which guarantees the least possible deformation and at the same time compliance with all the standards prescribed by the pharmacopoeia.**

A great deal of attention is paid to the choice of needles so that **the ratio is as close as possible to 1:1 between the outer diameter of the needle and that of the suture thread** to make the suture, with equal conditions and **safety, the least traumatic possible for organs and tissues,** where required.



## BIOMED®

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*BIOMED® 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® 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

**BIO SUD MEDICAL SYSTEMS s.r.l.**

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