



Dental surgical sutures



CE0373

BIOMED

Italian manufacturer of surgical sutures



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BIOMED® ABOUT US

BIO SUD MEDICAL SYSTEMS Srl is an Italian company that produces medical devices. The company was established in 1984 gaining many years of experience in the biomedical sector and working with multinational companies, manufacturers of hospital items.

The production site is located in the new and modern settlement in the industrial district of Bari, with an area of approximately 2750 m²: 500 m² of these are used as offices, 250 m² as Clean Room reserved to the production and approximately 2000 m² as warehouse use.

Currently, **BIO SUD MEDICAL SYSTEMS Srl** is able to provide a wide range of medical devices and equipment to satisfy Hospitals, Clinics, Private Nursing Homes and Surgeons.

The commitment to a constant presence and professionalism on the provide territory and the continuous research for quality products at low prices led the company to decide to be directly involved in the production of medical devices through the registration of the **BIOMED®** brand.

BIO SUD MEDICAL SYSTEMS Srl is certified by DNV GL for ISO 13485 and ISO 9001, guaranteeing responsible management of the products and services provided in the medical field.

The adoption of the Quality Management System has been a strategic decision of the organization in order to show the company's ability in regularly providing to customers, effective processes and innovative products in compliance with customer and law's requirements.

The company's Quality goals are pursued through Quality Standards and Operating Procedures, clearly defined in the Quality Manual and rigorously applied throughout the company both as regards marketing strategies and production of the entire range of **BIOMED®** brand medical devices.

Constant retraining of all staff, puntual checks on products and a careful post-sales surveillance service are some of the actions implemented by **BIO SUD MEDICAL SYSTEMS Srl** to guarantee and constantly improve its quality standards.

The main purpose of the company is the full satisfaction of customers, doctors and health professionals; request who try to face and solve problems inherent to their work and guarantee the best care of their patients.

BIOMED®'s modern production activity takes place entirely in Italy, inside a clean room certified according to ISO standards and under constant control of the cleaning parameters.

The strategies are designed in order to obtain high quality products, through a careful global selection of both raw material suppliers and machinery.

The production processes are validated and subjected to constant checks with the support of laboratory activities.

All **BIOMED®** products are certified with CE 0373 marking and can rely on a considerable technological know-how, in order to achieve an high and constantly repeatable quality, thanks to the prestigious automations available.

Technological innovation, quality of the products and services, price competitiveness are some of the aspects that characterizes the company.

BIOMED® suture's range include absorbable and non-absorbable threads whose characteristics are showed in detail inside the catalog, together with other devices of our production specific for surgery, such as pledget, silicon and cotton loops, incision drapes and post-operative dressings.

Our range of products is in constant development and we invite you to visit our website to be always updated. The production logics oriented towards flexibility and customer satisfaction allow us to be available to customize the dimensions and characteristics of the products on request.

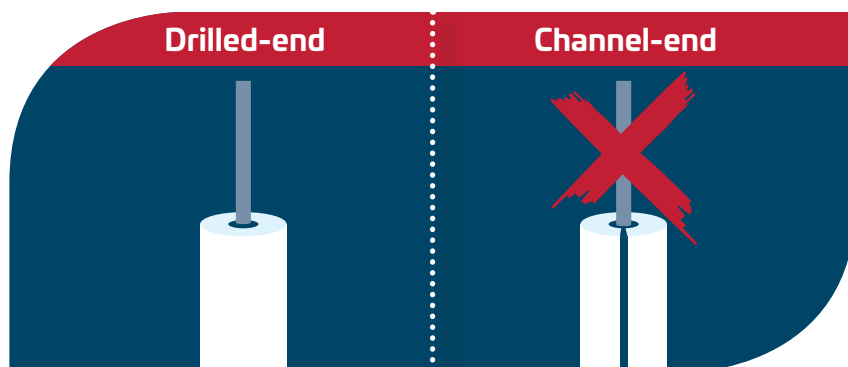


02 NEEDLES

*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.**



BIOMED

Italian manufacturer of surgical sutures

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BIOMED® PRODUCTS

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


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
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(PTFE)

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(Polyester)

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(Silk)

THREADS SYMBOLS USED ON PACK

	<i>Absorbable Suture</i>	<i>Product name</i>
	dyed - braided - coated - absorbable	BIOCRYL / GLYCO
	undyed - braided - coated - absorbable	BIOCRYL / GLYCO / BIOCRYL RAPID
	dyed - monofilament - absorbable	BIOSHORT / BIOLONG
	undyed - monofilament - absorbable	BIOSHORT / BIOLONG
	dyed - monofilament - barbed - absorbable	BIOSHORT / BIOLONG
	undyed - monofilament - barbed - absorbable	BIOSHORT

	<i>Nonabsorbable Suture</i>	<i>Product name</i>
	dyed - braided - coated - nonabsorbable	BIOSILK / POLYBIO
	undyed - braided - coated - nonabsorbable	POLYBIO
	dyed - monofilament - nonabsorbable	BIOLENE / NOVABIO / NYLON
	undyed - monofilament - absorbable	BIOLENE / BIOTEX / NYLON



BIOSHORT

Absorbable synthetic monofilament suture

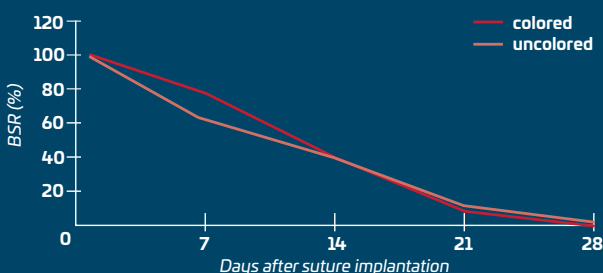
SPECIFICS

- 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				
 HR mm 17		5/0	1	70	36	Undyed	BH465EU1
		4/0	1,5	70	36	Undyed	BH464EU1
		3/0	2	70	36	Undyed	BH463EU1

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

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



GLYCO

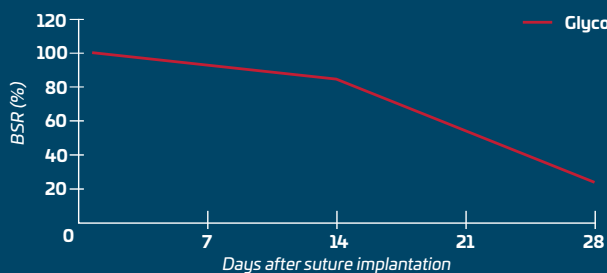
Braided and coated absorbable synthetic suture

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				
HR mm 12 		6/0	0,7	70	36	Violet	GY446EV1
		5/0	1	70	36	Violet	GY445EV1
HR mm 17 		6/0	0,7	70	36	Violet	GY466EV1
		5/0	1	70	36	Violet	GY465EV1
		4/0	1,5	70	36	Violet	GY464EV1
		3/0	2	70	36	Violet	GY463EV1
		2/0	3	70	36	Violet	GY462EV1
HR mm 22 		5/0	1	70	36	Violet	GY485EV1
		4/0	1,5	70	36	Violet	GY484EV1
		3/0	2	70	36	Violet	GY483EV1
		2/0	3	70	36	Violet	GY482EV1

	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HRT mm 17 		4/0	1,5	70	36	Violet	GY684EV1
		3/0	2	70	36	Violet	GY683EV1

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

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

	REVERSE CUTTING 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DS mm 13 		6/0	0,7	70	36	Violet	GY156EV1
		5/0	1	70	36	Violet	GY155EV1
		4/0	1,5	70	36	Violet	GY154EV1
DS mm 16 		5/0	1	70	36	Violet	GY165EV1
		4/0	1,5	70	36	Violet	GY164EV1
		3/0	2	70	36	Violet	GY163EV1
DS mm 18 		4/0	1,5	70	36	Violet	GY1D4EV1
		3/0	2	70	36	Violet	GY1D3EV1

	REVERSE CUTTING PRECISION POINT 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DSM mm 11 		7/0	0,5	45	12	Violet	GY257CVZ
		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



BIOCRIL

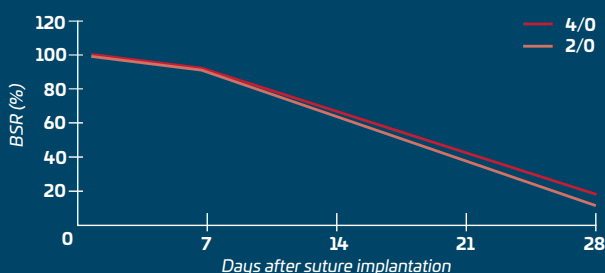
Braided and coated absorbable synthetic suture

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

	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HR mm 12 		6/0	0,7	70	36	Violet	BC446EV1
		5/0	1	70	36	Violet	BC445EV1
HR mm 17 		6/0	0,7	70	36	Violet	BC466EV1
		5/0	1	70	36	Violet	BC465EV1
		4/0	1,5	70	36	Violet	BC464EV1
		3/0	2	70	36	Violet	BC463EV1
		2/0	3	70	36	Violet	BC462EV1
HR mm 22 		5/0	1	70	36	Violet	BC485EV1
		4/0	1,5	70	36	Violet	BC484EV1
		3/0	2	70	36	Violet	BC483EV1
		2/0	3	70	36	Violet	BC482EV1

	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HRT mm 17 		4/0	1,5	70	36	Violet	BC684EV1
		3/0	2	70	36	Violet	BC683EV1

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

BIOCRYL

Braided and coated absorbable synthetic suture



BIOCRYL RAPID

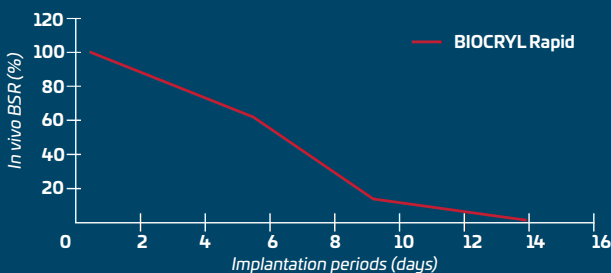
Braided and coated absorbable synthetic suture

SPECIFICS

- Short term absorbable multifilament.
- High tensile strenght.
- Smooth tissue passage.
- Minimized tissued trauma.
- Perfect knot security.

SUTURE TENSILE STRENGTH

Biocryl Rapid sutures, after five days from implantation, maintain about 60% and 70% of the breaking force. After 10 to 14 days the breaking strenght is at 0%.



COLOR

Undyed (beige)

MOLECULE

Glycolic acid copolymer at 90% and lactic acid at 10% (Polyglactin 910)

COATING TYPE

Polyglactin 370 and calcium stearate

INFORMATIONS

Biocryl Rapid is indicated for soft tissue approximation where only short wound support is required and rapid suture absorption is preferable. Thanks to their rapid absorption, Biocryl Rapid sutures can be used to heal skin wounds in pediatric surgery, episiotomies, circumcisions and wounds of the oral mucosa. Biocryl Rapid sutures can be used successfully in ophthalmic surgery.

ABSORPTION

Happens by hydrolysis and is complete in about 42 days

STERILIZATION

Ethylene oxide

EXPIRE




5 years




CERTIFICATION




CE 0373 class III

BIOCRYL RAPID

Braided and coated absorbable synthetic suture




	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HR mm 17 		4/0	1,5	70	36	Undyed	RC464EU1




	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HRT mm 17 		4/0	1,5	70	36	Undyed	RC684EU1

	TAPER CUT 3/8 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DRT mm 17 		4/0	1,5	70	36	Undyed	RC114EU1
		3/0	2	70	36	Undyed	RC113EU1

BIOCRYL RAPID

Braided and coated absorbable synthetic suture

	REVERSE CUTTING 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DS mm 13 		5/0	1	70	36	Undyed	RC155EU1
		4/0	1,5	70	36	Undyed	RC154EU1
DS mm 16 		4/0	1,5	70	36	Undyed	RC164EU1

	REVERSE CUTTING PRECISION POINT 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DSM mm 11 		6/0	0,7	45	36	Undyed	RC256CU1
		5/0	1	45	36	Undyed	RC255CU1
DSM mm 13 		5/0	1	45	36	Undyed	RC265CU1
		4/0	1,5	45	36	Undyed	RC264CU1

BIOCRYL RAPID

Braided and coated absorbable synthetic suture



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 prosthesis.
- Low thread memory.

SUTURE TENSILE STRENGTH

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

ABSORPTION

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

	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HRT mm 17 		5/0	1	75	36	Blue	NB685FB1
		4/0	1,5	75	36	Blue	NB684FB1
		3/0	2	75	36	Blue	NB683FB1
		2/0	3	75	36	Blue	NB682FB1
HRT mm 22 		3/0	2	75	36	Blue	NB703FB1
		2/0	3	75	36	Blue	NB702FB1

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

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DS mm 13 		6/0	0,7	45	36	Blue	NB156CB1
		5/0	1	45	36	Blue	NB155CB1
		4/0	1,5	45	36	Blue	NB154CB1
DS mm 16 		5/0	1	45	36	Blue	NB165CB1
		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	3	45	36	Blue	NB1D2CB1

NOVABIO

Non-absorbable synthetic monofilament suture



BIOLINE

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

	ROUND BODIED 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HR mm 10 		7/0	0,5	45	36	Blue	BE437CB1
HR mm 13 		6/0	0,7	75	36	Blue	BE456FB1
		5/0	1	75	36	Blue	BE455FB1
HR mm 17 		4/0	1,5	75	36	Blue	BE464FB1
		3/0	2	75	36	Blue	BE463FB1

BIOLENE

Non-absorbable synthetic monofilament suture

	REVERSE CUTTING 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DS mm 13 		6/0	0,7	45	36	Blue	BE156CB1
		5/0	1	75	36	Blue	BE155FB1
DS mm 16 		6/0	0,7	45	36	Blue	BE166CB1
		5/0	1	75	36	Blue	BE165FB1
		4/0	1,5	75	36	Blue	BE164FB1
DS mm 18 		4/0	1,5	75	36	Blue	BE1D4FB1
		3/0	2	75	36	Blue	BE1D3FB1
		2/0	3	75	36	Blue	BE1D2FB1

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

BIOLENE

Non-absorbable synthetic monofilament suture



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 17 		5/0	1	75	36	Blue	NY1H5FB1
		4/0	1,5	75	36	Blue	NY1H4FB1

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DS mm 13 		6/0	0,7	75	36	Blue	NY156FB1
		5/0	1	75	36	Blue	NY155FB1
DS mm 16 		6/0	0,7	75	36	Blue	NY166FB1
		5/0	1	75	36	Blue	NY165FB1
		4/0	1,5	75	36	Blue	NY164FB1
DS mm 18 		4/0	1,5	75	36	Blue	NY1D4FB1
		3/0	2	75	36	Blue	NY1D3FB1
		2/0	3	75	36	Blue	NY1D2FB1



BIOTEX

Synthetic non-absorbable monofilament suture

SPECIFICS

- Porous microstructure of the wire that allows for quick attachment of fabrics.
- Reduced friction with fabrics.
- Extremely easy to handle, smooth and easy to perform knots.
- Excellent knot-holding safety.
- Constant tensile strength over time.
- Chemically inert.

SUTURE TENSILE STRENGTH

Biotex shows no significant loss of strength over time.

COLOR

Undyed

MOLECULE

Polytetrafluoroethylene (PTFE)

COATING TYPE

Not coated

INFORMATIONS

Biotex is indicated for the approximation and / or ligation of tissues soft including cardiovascular, oral, general surgery and dura mater repair. Biotex suture thread is also indicated for repair or replacement of the tendon cords. Due to its characteristics, it is recommended for use in cases where is important to reduce suture line bleeding and reduce the times of hemostasis.

ABSORPTION

Not absorbable

STERILIZATION

Ethylene oxide (ETO)

GAUGES

USP da 7/0 a 1. EP da 0,5 a 4

EXPIRE





5 years






CERTIFICATION




CE 0373 Organismo Notificato
"Istituto Superiore di Sanità"





CLASS OF BELONGING



III

	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HRT mm 13 		6/0	0,7	75	12	Undyed	BX1A6FUZ
		4/0	1,5	75	12	Undyed	BX684FUZ
HRT mm 17 		3/0	2	75	12	Undyed	BX683FUZ

	REVERSE CUTTING 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HS mm 12 		6/0	0,7	75	12	Undyed	BX6M6FUZ
		5/0	1	75	12	Undyed	BX6M5FUZ
HS mm 17 		4/0	1,5	45	12	Undyed	BX1H4CUZ
HS mm 22 		4/0	1,5	45	12	Undyed	BX794CUZ
		3/0	2	45	12	Undyed	BX793CUZ

	TAPER CUT 3/8 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
		5/0	1	45	12	Undyed	BX115CUZ
		5/0	1	75	12	Undyed	BX115FUZ
		4/0	1,5	45	12	Undyed	BX114CUZ
		4/0	1,5	75	12	Undyed	BX114FUZ
		3/0	2	75	12	Undyed	BX113FUZ

	REVERSE CUTTING 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DS mm 13 		6/0	0,7	45	12	Undyed	BX156CUZ
		5/0	1	75	12	Undyed	BX155FUZ
		4/0	1,5	75	12	Undyed	BX154FUZ
DS mm 16 		6/0	0,7	45	12	Undyed	BX166CUZ
		5/0	1	45	12	Undyed	BX165CUZ
		4/0	1,5	45	12	Undyed	BX164CUZ
		4/0	1,5	75	12	Undyed	BX164FUZ
		3/0	2	45	12	Undyed	BX163CUZ
		3/0	2	75	12	Undyed	BX163FUZ
DS mm 18 		4/0	1,5	45	12	Undyed	BX1D4CUZ
		3/0	2	45	12	Undyed	BX1D3CUZ
		3/0	2	75	12	Undyed	BX1D3FUZ
		2/0	3	75	12	Undyed	BX1D2FUZ

	REVERSE CUTTING PRECISION POINT 3/8 circle ▽	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DSM mm 11 		6/0	0,7	45	12	Undyed	BX256CUZ
		5/0	1	45	12	Undyed	BX255CUZ



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

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

POLYBIO





Braided and coated non-absorbable synthetic multifilament suture

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

	REVERSE CUTTING 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HS mm 17 		5/0	1	75	36	Green	PB1H5FG1
		4/0	1,5	75	36	Green	PB1H4FG1
HS mm 22 		4/0	1,5	75	36	Green	PB794FG1
		3/0	2	75	36	Green	PB793FG1

POLYBIO

Braided and coated non-absorbable synthetic multifilament suture



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

	TAPER CUT 3/8 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DRT mm 13 		5/0	1	75	36	Green	PB105FG1
DRT mm 17 		6/0	0,7	75	36	Green	PB116FG1
		5/0	1	75	36	Green	PB115FG1
		4/0	1,5	75	36	Green	PB114FG1
		3/0	2	75	36	Green	PB113FG1
		2/0	3	75	36	Green	PB112FG1

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				
DS mm 13 		6/0	0,7	45	36	Green	PB156CG1
		5/0	1	45	36	Green	PB155CG1
		4/0	1,5	45	36	Green	PB154CG1
		4/0	1,5	75	36	Green	PB154FG1
DS mm 16 		6/0	0,7	45	36	Green	PB166CG1
		5/0	1	45	36	Green	PB165CG1
		4/0	1,5	45	36	Green	PB164CG1
		4/0	1,5	75	36	Green	PB164FG1
		3/0	2	45	36	Green	PB163CG1
DS mm 18 		5/0	1	45	36	Green	PB1D5CG1
		4/0	1,5	45	36	Green	PB1D4CG1
		4/0	1,5	75	36	Green	PB1D4FG1
		3/0	2	45	36	Green	PB1D3CG1
		3/0	2	75	36	Green	PB1D3FG1
		2/0	3	45	36	Green	PB1D2CG1

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

POLYBIO

Braided and coated non-absorbable synthetic multifilament suture



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



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



	TAPER CUT 1/2 circle 	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HRT mm 17 		5/0	1	75	36	Black	SK685FN1
		4/0	1,5	75	36	Black	SK684FN1
		3/0	2	75	36	Black	SK683FN1
		2/0	3	75	36	Black	SK682FN1
HRT mm 22 		3/0	2	75	36	Black	SK703FN1
		2/0	3	75	36	Black	SK702FN1

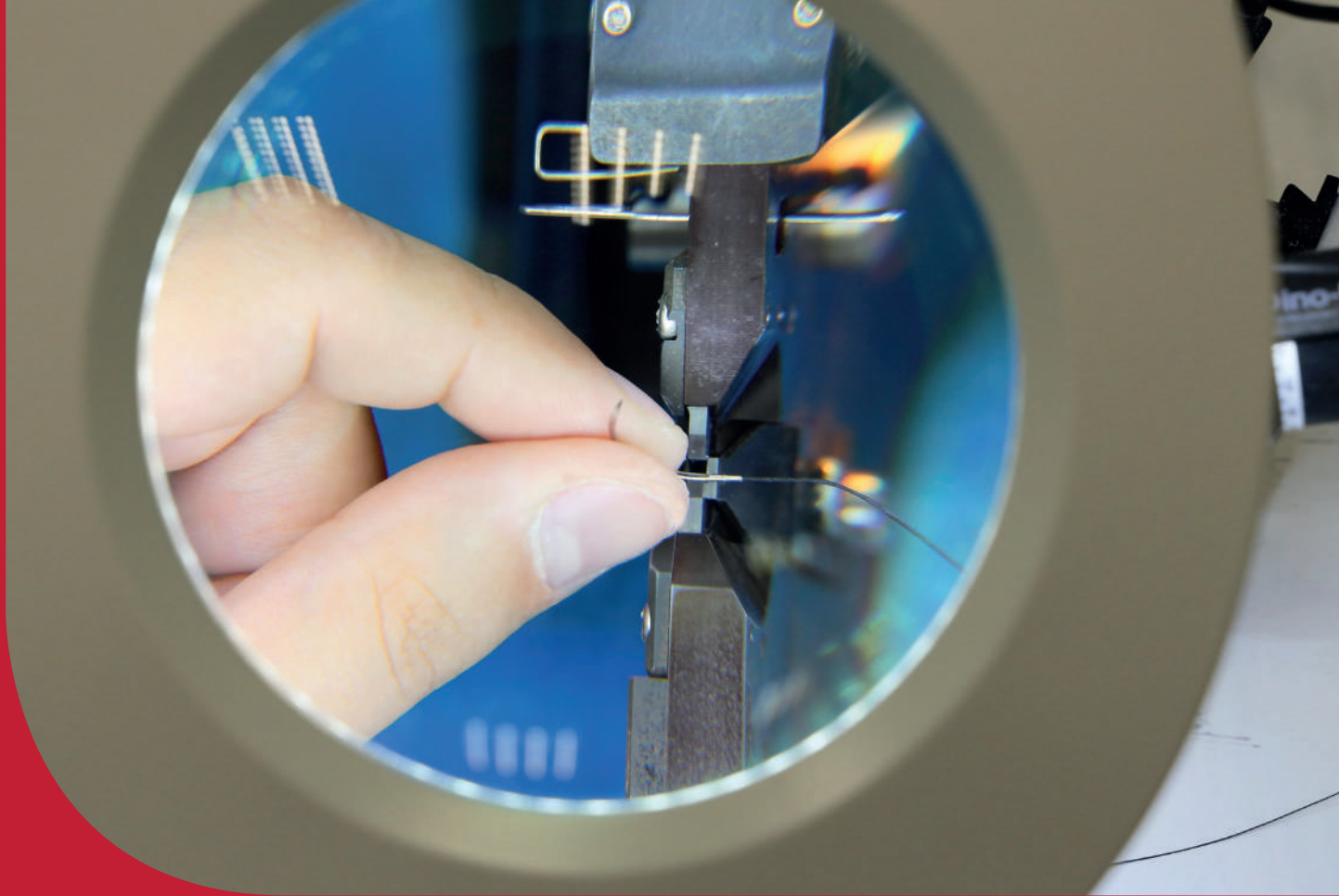
BIOSILK

Braided and coated non-absorbable natural suture

	REVERSE CUTTING 1/2 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
HS mm 17 		5/0	1	75	36	Black	SK1H5FN1
		4/0	1,5	75	36	Black	SK1H4FN1
		3/0	2	75	36	Black	SK1H3FN1
HS mm 22 		4/0	1,5	75	36	Black	SK794FN1
		3/0	2	75	36	Black	SK793FN1
		2/0	3	75	36	Black	SK792FN1

	TAPER CUT 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DRT mm 17 		4/0	1,5	75	36	Black	SK114FN1
		3/0	2	75	36	Black	SK113FN1

	REVERSE CUTTING 3/8 circle ▼	GAUGE		THREAD length (cm)	PACK x THREADS NUMBER	SPECIFICS	CODE
		USP	EP				
DS mm 13 		5/0	1	75	36	Black	SK155FN1
		4/0	1,5	75	36	Black	SK154FN1
DS mm 16 		6/0	0,7	75	36	Black	SK166FN1
		5/0	1	75	36	Black	SK165FN1
		4/0	1,5	75	36	Black	SK164FN1
		3/0	2	75	36	Black	SK163FN1
DS mm 18 		5/0	1	45	36	Black	SK1D5CN1
		4/0	1,5	45	36	Black	SK1D4CN1
		4/0	1,5	75	36	Black	SK1D4FN1
		3/0	2	45	36	Black	SK1D3CN1
		3/0	2	75	36	Black	SK1D3FN1
		2/0	3	75	36	Black	SK1D2FN1
DS mm 24 		3/0	2	75	36	Black	SK193FN1
		2/0	3	75	36	Black	SK192FN1



BIOMED®

*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.**

NOTES

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

BIO SUD MEDICAL SYSTEMS s.r.l.

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