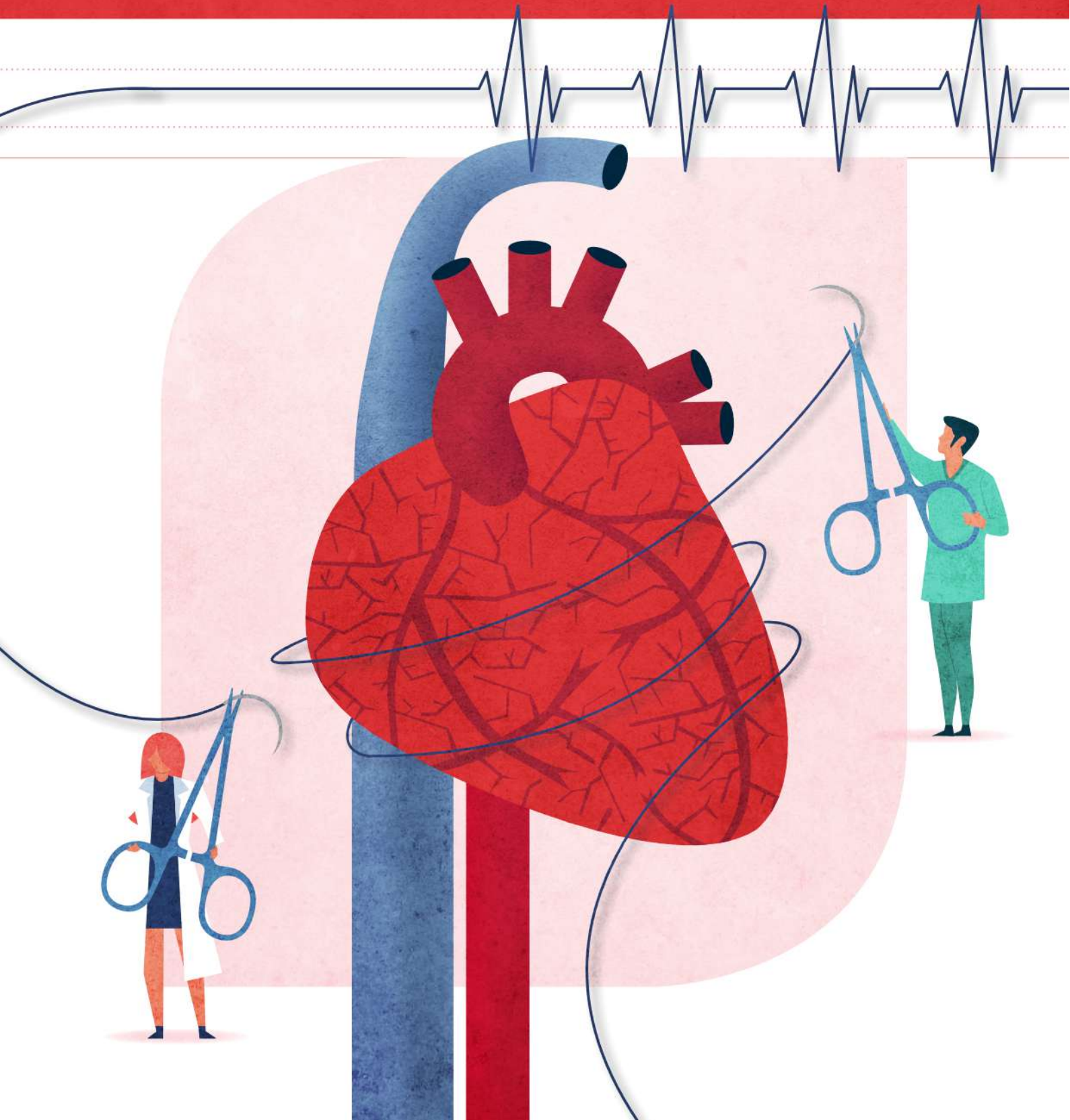




Italian manufacturer of surgical sutures







BIOMED

Italian manufacturer of surgical sutures

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**BIOMED®  
PRODUCTS**

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# 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

## 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





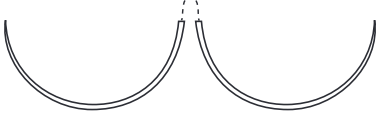
# BIOLENE




*Non-absorbable synthetic monofilament suture*

|                                        | ROUND BODIED<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x HR</b><br>mm 10<br>             |   | 7/0   | 0,5 | 60                 | 36                    | Blue      | <b>BE437DB2</b> |
|   |   | 6/0   | 0,7 | 60                 | 36                    | Blue      | <b>BE436DB2</b> |
| <b>2 x HR</b><br>mm 13<br>             |   | 6/0   | 0,7 | 75                 | 36                    | Blue      | <b>BE456FB2</b> |
|   |   | 5/0   | 1   | 75                 | 36                    | Blue      | <b>BE455FB2</b> |
|   |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>BE455GB2</b> |
| <b>2 x HR</b><br>mm 17<br>           |   | 5/0   | 1   | 75                 | 36                    | Blue      | <b>BE465FB2</b> |
|   |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>BE465GB2</b> |
|   |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>BE464GB2</b> |
|   |   | 3/0   | 2   | 90                 | 36                    | Blue      | <b>BE463GB2</b> |
| <b>2 x HR</b><br>mm 20<br>           |   | 2/0   | 3   | 90                 | 36                    | Blue      | <b>BE472GB2</b> |
|   |   | 2/0   | 3   | 120                | 36                    | Blue      | <b>BE472HB2</b> |
| <b>2 x HR</b><br>mm 22<br>           |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>BE485GB2</b> |
|   |   | 5/0   | 1   | 120                | 36                    | Blue      | <b>BE485HB2</b> |
|   |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>BE484GB2</b> |
|   |   | 4/0   | 1,5 | 120                | 36                    | Blue      | <b>BE484HB2</b> |
|   |   | 3/0   | 2   | 90                 | 36                    | Blue      | <b>BE483GB2</b> |
|   |   | 2/0   | 3   | 120                | 36                    | Blue      | <b>BE482HB2</b> |
| <b>2 x HRS</b><br>mm 22 - strong<br> |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>BE614GB2</b> |

# BIOLENE

*Non-absorbable synthetic monofilament suture*

|                                        | ROUND BODIED<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x HR</b><br>mm 26<br>             |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>BE024GB2</b> |
|   |   | 3/0   | 2   | 90                 | 36                    | Blue      | <b>BE023GB2</b> |
|   |   | 2/0   | 3   | 75                 | 36                    | Blue      | <b>BE022FB2</b> |
|   |   | 2/0   | 3   | 90                 | 36                    | Blue      | <b>BE022GB2</b> |
|   |   | 2/0   | 3   | 120                | 36                    | Blue      | <b>BE022HB2</b> |
|   |   | 2/0   | 3   | 150                | 36                    | Blue      | <b>BE022IB2</b> |
| <b>2 x HRS</b><br>mm 26 - strong<br> |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>BE624GB2</b> |
| <b>2 x HR</b><br>mm 36<br>           |   | 2/0   | 3   | 90                 | 36                    | Blue      | <b>BE502GB2</b> |




|                             | TAPER CUT<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|--|--|-------|-----|--------------------|-----------------------|-----------|-----------------|
|  |  | USP   | EP  |                    |                       |           |                 |
| <b>2 x HRT</b><br>mm 26<br> |  | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>BE714GB2</b> |
|  |  | 3/0   | 2   | 120                | 36                    | Blue      | <b>BE713HB2</b> |
|  |  | 2/0   | 3   | 90                 | 36                    | Blue      | <b>BE712GB2</b> |
|  |  | 0     | 3,5 | 120                | 36                    | Blue      | <b>BE711HB2</b> |
|  |  | 0     | 3,5 | 140                | 36                    | Blue      | <b>BE711UB2</b> |



# BIOLENE

*Non-absorbable synthetic monofilament suture*

|                                     | ROUND BODIED<br>3/8 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|--|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|  |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x DR</b><br>mm 6,5<br>         |   | 8/0   | 0,4 | 60                 | 36                    | Blue      | <b>BE918DB2</b> |
| <b>2 x DR</b><br>mm 8<br>           |   | 8/0   | 0,4 | 60                 | 36                    | Blue      | <b>BE928DB2</b> |
|  |   | 7/0   | 0,5 | 60                 | 36                    | Blue      | <b>BE927DB2</b> |
| <b>2 x DR</b><br>mm 8 - black<br>   |   | 8/0   | 0,4 | 60                 | 36                    | Blue      | <b>BE928DBM</b> |
| <b>2 x DR</b><br>mm 9 - black<br> |   | 7/0   | 0,5 | 75                 | 36                    | Blue      | <b>BE967FBM</b> |
| <b>2 x DR</b><br>mm 10<br>        |   | 7/0   | 0,5 | 60                 | 36                    | Blue      | <b>BE037DB2</b> |
|  |   | 7/0   | 0,5 | 75                 | 36                    | Blue      | <b>BE037FB2</b> |
|  |   | 6/0   | 0,7 | 60                 | 36                    | Blue      | <b>BE036DB2</b> |
|  |   | 6/0   | 0,7 | 75                 | 36                    | Blue      | <b>BE036FB2</b> |
| <b>2 x DR</b><br>mm 13<br>        |   | 6/0   | 0,7 | 75                 | 36                    | Blue      | <b>BE046FB2</b> |
|  |   | 5/0   | 1   | 60                 | 36                    | Blue      | <b>BE045DB2</b> |
|  |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>BE045GB2</b> |
| <b>2 x DR</b><br>mm 17<br>        |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>BE065GB2</b> |
|  |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>BE064GB2</b> |

|                            | TAPER CUT<br>3/8 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|--|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |  | USP   | EP  |                    |                       |           |                 |
| <b>2 x DRT</b><br>mm 9<br> |  | 7/0   | 0,5 | 60                 | 36                    | Blue      | <b>BE4B7DB2</b> |
|   |  | 7/0   | 0,5 | 75                 | 36                    | Blue      | <b>BE4B7FB2</b> |



# 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.





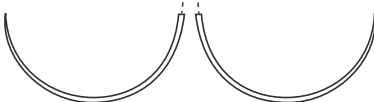
**Custom sizes are available on request.**




## CERTIFICATION

CE 0373 class III






|                                        | ROUND BODIED<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x HR</b><br>mm 10<br>             |   | 7/0   | 0,5 | 60                 | 36                    | Blue      | <b>NB437DB2</b> |
|   |   | 6/0   | 0,7 | 60                 | 36                    | Blue      | <b>NB436DB2</b> |
| <b>2 x HR</b><br>mm 13<br>             |   | 6/0   | 0,7 | 75                 | 36                    | Blue      | <b>NB456FB2</b> |
|   |   | 5/0   | 1   | 75                 | 36                    | Blue      | <b>NB455FB2</b> |
|   |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>NB455GB2</b> |
| <b>2 x HR</b><br>mm 17<br>           |   | 5/0   | 1   | 75                 | 36                    | Blue      | <b>NB465FB2</b> |
|   |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>NB465GB2</b> |
|   |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>NB464GB2</b> |
|   |   | 3/0   | 2   | 90                 | 36                    | Blue      | <b>NB463GB2</b> |
| <b>2 x HR</b><br>mm 20<br>           |   | 2/0   | 3   | 90                 | 36                    | Blue      | <b>NB472GB2</b> |
|   |   | 2/0   | 3   | 120                | 36                    | Blue      | <b>NB472HB2</b> |
| <b>2 x HR</b><br>mm 22<br>           |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>NB485GB2</b> |
|   |   | 5/0   | 1   | 120                | 36                    | Blue      | <b>NB485HB2</b> |
|   |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>NB484GB2</b> |
|   |   | 4/0   | 1,5 | 120                | 36                    | Blue      | <b>NB484HB2</b> |
|   |   | 3/0   | 2   | 90                 | 36                    | Blue      | <b>NB483GB2</b> |
|   |   | 2/0   | 3   | 120                | 36                    | Blue      | <b>NB482HB2</b> |
| <b>2 x HRS</b><br>mm 22 - strong<br> |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>NB614GB2</b> |

|                                        | ROUND BODIED<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x HR</b><br>mm 26<br>             |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>NB024GB2</b> |
|   |   | 3/0   | 2   | 90                 | 36                    | Blue      | <b>NB023GB2</b> |
|   |   | 2/0   | 3   | 75                 | 36                    | Blue      | <b>NB022FB2</b> |
|   |   | 2/0   | 3   | 90                 | 36                    | Blue      | <b>NB022GB2</b> |
|   |   | 2/0   | 3   | 120                | 36                    | Blue      | <b>NB022HB2</b> |
|   |   | 2/0   | 3   | 150                | 36                    | Blue      | <b>NB022IB2</b> |
| <b>2 x HRS</b><br>mm 26 - strong<br> |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>NB624GB2</b> |
| <b>2 x HR</b><br>mm 36<br>           |   | 2/0   | 3   | 90                 | 36                    | Blue      | <b>NB502GB2</b> |

|                             | TAPER CUT<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|--|--|-------|-----|--------------------|-----------------------|-----------|-----------------|
|  |  | USP   | EP  |                    |                       |           |                 |
| <b>2 x HRT</b><br>mm 26<br> |  | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>NB714GB2</b> |
|  |  | 3/0   | 2   | 120                | 36                    | Blue      | <b>NB713HB2</b> |
|  |  | 2/0   | 3   | 90                 | 36                    | Blue      | <b>NB712GB2</b> |
|  |  | 0     | 3,5 | 120                | 36                    | Blue      | <b>NB711HB2</b> |
|  |  | 0     | 3,5 | 140                | 36                    | Blue      | <b>NB711UB2</b> |

|                                     | ROUND BODIED<br>3/8 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|--|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|  |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x DR</b><br>mm 6,5<br>         |   | 8/0   | 0,4 | 60                 | 36                    | Blue      | <b>NB918DB2</b> |
| <b>2 x DR</b><br>mm 8<br>           |   | 8/0   | 0,4 | 60                 | 36                    | Blue      | <b>NB928DB2</b> |
|  |   | 7/0   | 0,5 | 60                 | 36                    | Blue      | <b>NB927DB2</b> |
| <b>2 x DR</b><br>mm 8 - black<br>   |   | 8/0   | 0,4 | 60                 | 36                    | Blue      | <b>NB928DBM</b> |
| <b>2 x DR</b><br>mm 9 - black<br> |   | 7/0   | 0,5 | 75                 | 36                    | Blue      | <b>NB967FBM</b> |
| <b>2 x DR</b><br>mm 10<br>        |   | 7/0   | 0,5 | 60                 | 36                    | Blue      | <b>NB037DB2</b> |
|  |   | 7/0   | 0,5 | 75                 | 36                    | Blue      | <b>NB037FB2</b> |
|  |   | 6/0   | 0,7 | 60                 | 36                    | Blue      | <b>NB036DB2</b> |
|  |   | 6/0   | 0,7 | 75                 | 36                    | Blue      | <b>NB036FB2</b> |
| <b>2 x DR</b><br>mm 13<br>        |   | 6/0   | 0,7 | 75                 | 36                    | Blue      | <b>NB046FB2</b> |
|  |   | 5/0   | 1   | 60                 | 36                    | Blue      | <b>NB045DB2</b> |
|  |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>NB045GB2</b> |
| <b>2 x DR</b><br>mm 17<br>        |   | 5/0   | 1   | 90                 | 36                    | Blue      | <b>NB065GB2</b> |
|  |   | 4/0   | 1,5 | 90                 | 36                    | Blue      | <b>NB064GB2</b> |

|                            | TAPER CUT<br>3/8 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|--|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |  | USP   | EP  |                    |                       |           |                 |
| <b>2 x DRT</b><br>mm 9<br> |  | 7/0   | 0,5 | 60                 | 36                    | Blue      | <b>NB4B7DB2</b> |
|   |  | 7/0   | 0,5 | 75                 | 36                    | Blue      | <b>NB4B7FB2</b> |



# 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







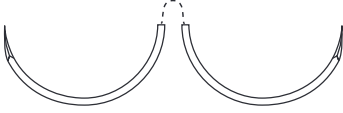
|                              | ROUND BODIED<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x HR</b><br>mm 10<br>   |   | 5/0   | 1   | 75                 | 12                    | Undyed    | <b>BX435FUD</b> |
|   |   | 6/0   | 0,7 | 45                 | 12                    | Undyed    | <b>BX456CUD</b> |
| <b>2 x HR</b><br>mm 13<br> |   | 6/0   | 0,7 | 75                 | 12                    | Undyed    | <b>BX456FUD</b> |
|   |   | 5/0   | 1   | 45                 | 12                    | Undyed    | <b>BX455CUD</b> |
|   |   | 5/0   | 1   | 60                 | 12                    | Undyed    | <b>BX455DUD</b> |
|   |   | 5/0   | 1   | 75                 | 12                    | Undyed    | <b>BX455FUD</b> |
|   |   | 4/0   | 1,5 | 60                 | 12                    | Undyed    | <b>BX454DUD</b> |
|   |   | 4/0   | 1,5 | 75                 | 12                    | Undyed    | <b>BX454FUD</b> |
|   |   | 4/0   | 1,5 | 90                 | 12                    | Undyed    | <b>BX454GUD</b> |
| <b>2 x HR</b><br>mm 17<br> |   | 5/0   | 1   | 90                 | 12                    | Undyed    | <b>BX465GUD</b> |
|   |   | 4/0   | 1,5 | 90                 | 12                    | Undyed    | <b>BX464GUD</b> |
|   |   | 3/0   | 2   | 90                 | 12                    | Undyed    | <b>BX463GUD</b> |
|   |   | 3/0   | 2   | 120                | 12                    | Undyed    | <b>BX463HUD</b> |
|   |   | 2/0   | 3   | 90                 | 12                    | Undyed    | <b>BX462GUD</b> |






|                              | ROUND BODIED<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x HR</b><br>mm 22<br>   |   | 4/0   | 1,5 | 90                 | 12                    | Undyed    | <b>BX484GUD</b> |
|   |   | 3/0   | 2   | 90                 | 12                    | Undyed    | <b>BX483GUD</b> |
| <b>2 x HR</b><br>mm 26<br>  |   | 4/0   | 1,5 | 90                 | 12                    | Undyed    | <b>BX024GUD</b> |
|   |   | 3/0   | 2   | 90                 | 12                    | Undyed    | <b>BX023GUD</b> |
|   |   | 3/0   | 2   | 120                | 12                    | Undyed    | <b>BX023HUD</b> |
|   |   | 2/0   | 3   | 90                 | 12                    | Undyed    | <b>BX022GUD</b> |
|   |   | 2/0   | 3   | 90                 | 12                    | Undyed    | <b>BX022GUZ</b> |
|   |   | 2/0   | 3   | 120                | 12                    | Undyed    | <b>BX022HUD</b> |
| <b>2 x HR</b><br>mm 30<br> |   | 3/0   | 2   | 90                 | 12                    | Undyed    | <b>BX493GUD</b> |
|   |   | 2/0   | 3   | 90                 | 12                    | Undyed    | <b>BX492GUD</b> |
|   |   | 2/0   | 3   | 120                | 12                    | Undyed    | <b>BX492HUD</b> |



|                            | ROUND BODIED<br>3/8 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|---|-------|-----|--------------------|-----------------------|-----------|-----------------|
|   |   | USP   | EP  |                    |                       |           |                 |
| <b>2 x DR</b><br>mm 13<br> |   | 7/0   | 0,5 | 75                 | 12                    | Undyed    | <b>BX047FUD</b> |
|   |   | 6/0   | 0,7 | 45                 | 12                    | Undyed    | <b>BX046CUD</b> |
|   |   | 6/0   | 0,7 | 60                 | 12                    | Undyed    | <b>BX046DUD</b> |
|   |   | 6/0   | 0,7 | 75                 | 12                    | Undyed    | <b>BX046FUD</b> |
|   |   | 5/0   | 1   | 45                 | 12                    | Undyed    | <b>BX045CUD</b> |
|   |   | 5/0   | 1   | 60                 | 12                    | Undyed    | <b>BX045DUD</b> |
|   |   | 5/0   | 1   | 75                 | 12                    | Undyed    | <b>BX045FUD</b> |
|   |   | 5/0   | 1   | 90                 | 12                    | Undyed    | <b>BX045GUD</b> |
|   |   | 4/0   | 1,5 | 60                 | 12                    | Undyed    | <b>BX044DUD</b> |
|   |   | 4/0   | 1,5 | 75                 | 12                    | Undyed    | <b>BX044FUD</b> |
|   |   | 4/0   | 1,5 | 90                 | 12                    | Undyed    | <b>BX044GUD</b> |
|   | <b>2 x DR</b><br>mm 17<br>   |       | 4/0 | 1,5                | 90                    | 12        | Undyed          |
|   |   | 3/0   | 2   | 90                 | 12                    | Undyed    | <b>BX063GUD</b> |
|   |   | 2/0   | 3   | 90                 | 12                    | Undyed    | <b>BX062GUD</b> |

|                               | MICRO<br>TAPER CUT<br>3/8 circle<br> | GAUGE |     | THREAD<br>length<br>(cm) | PACK<br>x THREADS<br>NUMBER | SPECIFICS | CODE            |
|--|---|-------|-----|--------------------------|-----------------------------|-----------|-----------------|
|  |   | USP   | EP  |                          |                             |           |                 |
| <b>2 x DMT</b><br>mm 8<br>    |   | 7/0   | 0,5 | 45                       | 12                          | Undyed    | <b>BX927CUD</b> |
|  |   | 7/0   | 0,5 | 60                       | 12                          | Undyed    | <b>BX927DUD</b> |
|  |   | 7/0   | 0,5 | 75                       | 12                          | Undyed    | <b>BX927FUD</b> |
| <b>2 x DMT</b><br>mm 10<br> |   | 7/0   | 0,5 | 45                       | 12                          | Undyed    | <b>BX037CUD</b> |
|  |   | 7/0   | 0,5 | 60                       | 12                          | Undyed    | <b>BX037DUD</b> |
|  |   | 7/0   | 0,5 | 75                       | 12                          | Undyed    | <b>BX037FUD</b> |
|  |   | 6/0   | 0,7 | 45                       | 12                          | Undyed    | <b>BX036CUD</b> |
|  |   | 6/0   | 0,7 | 60                       | 12                          | Undyed    | <b>BX036DUD</b> |
|  |   | 6/0   | 0,7 | 75                       | 12                          | Undyed    | <b>BX036FUD</b> |
|  |   | 5/0   | 1   | 45                       | 12                          | Undyed    | <b>BX035CUD</b> |
|  |   | 5/0   | 1   | 60                       | 12                          | Undyed    | <b>BX035DUD</b> |
|  |   | 5/0   | 1   | 75                       | 12                          | Undyed    | <b>BX035FUD</b> |

|                               | TAPER CUT<br>1/2 circle<br> | GAUGE |     | THREAD<br>length<br>(cm) | PACK<br>x THREADS<br>NUMBER | SPECIFICS | CODE            |
|--|--|-------|-----|--------------------------|-----------------------------|-----------|-----------------|
|  |  | USP   | EP  |                          |                             |           |                 |
| <b>2 x HRT</b><br>mm 13<br>   |  | 5/0   | 1   | 75                       | 12                          | Undyed    | <b>BX1A5FUD</b> |
|  |  | 4/0   | 1,5 | 75                       | 12                          | Undyed    | <b>BX1A4FUD</b> |
| <b>2 x HRT</b><br>mm 17<br>   |  | 4/0   | 1,5 | 90                       | 12                          | Undyed    | <b>BX684GUD</b> |
|  |  | 3/0   | 2   | 90                       | 12                          | Undyed    | <b>BX683GUD</b> |
|  |  | 2/0   | 3   | 90                       | 12                          | Undyed    | <b>BX682GUD</b> |
| <b>2 x HRT</b><br>mm 26<br> |  | 3/0   | 2   | 90                       | 12                          | Undyed    | <b>BX713GUD</b> |
|  |  | 3/0   | 2   | 120                      | 12                          | Undyed    | <b>BX713HUD</b> |
|  |  | 2/0   | 3   | 90                       | 12                          | Undyed    | <b>BX712GUD</b> |
|  |  | 2/0   | 3   | 120                      | 12                          | Undyed    | <b>BX712HUD</b> |
| <b>2 x HRT</b><br>mm 30<br> |  | 2/0   | 3   | 120                      | 12                          | Undyed    | <b>BX2G2HUD</b> |
| <b>2 x HRT</b><br>mm 36<br> |  | 2/0   | 3   | 120                      | 12                          | Undyed    | <b>BX722HUD</b> |

|                               | TAPER CUT<br>3/8 circle<br> | GAUGE |     | THREAD<br>length<br>(cm) | PACK<br>x THREADS<br>NUMBER | SPECIFICS | CODE            |
|--|--|-------|-----|--------------------------|-----------------------------|-----------|-----------------|
|  |  | USP   | EP  |                          |                             |           |                 |
| <b>2 x DRT</b><br>mm 8<br>    |  | 7/0   | 0,5 | 60                       | 12                          | Undyed    | <b>BX1N7DUD</b> |
|  |  | 7/0   | 0,5 | 75                       | 12                          | Undyed    | <b>BX1N7FUD</b> |
|  |  | 6/0   | 0,7 | 45                       | 12                          | Undyed    | <b>BX1N6CUD</b> |
|  |  | 6/0   | 0,7 | 60                       | 12                          | Undyed    | <b>BX1N6DUD</b> |
|  |  | 6/0   | 0,7 | 75                       | 12                          | Undyed    | <b>BX1N6FUD</b> |
|  |  | 5/0   | 1   | 60                       | 12                          | Undyed    | <b>BX1N5DUD</b> |
|  |  | 5/0   | 1   | 75                       | 12                          | Undyed    | <b>BX1N5FUD</b> |
| <b>2 x DRT</b><br>mm 13<br> |  | 7/0   | 0,5 | 75                       | 12                          | Undyed    | <b>BX107FUD</b> |
|  |  | 6/0   | 0,7 | 60                       | 12                          | Undyed    | <b>BX106DUD</b> |
|  |  | 6/0   | 0,7 | 75                       | 12                          | Undyed    | <b>BX106FUD</b> |
|  |  | 5/0   | 1   | 60                       | 12                          | Undyed    | <b>BX105DUD</b> |
|  |  | 5/0   | 1   | 75                       | 12                          | Undyed    | <b>BX105FUD</b> |
|  |  | 4/0   | 1,5 | 60                       | 12                          | Undyed    | <b>BX104DUD</b> |
|  |  | 4/0   | 1,5 | 90                       | 12                          | Undyed    | <b>BX104GUD</b> |
| <b>2 x DRT</b><br>mm 17<br> |  | 4/0   | 1,5 | 90                       | 12                          | Undyed    | <b>BX114GUD</b> |
|  |  | 3/0   | 2   | 90                       | 12                          | Undyed    | <b>BX113GUD</b> |
|  |  | 2/0   | 3   | 90                       | 12                          | Undyed    | <b>BX112GUD</b> |

# BIOTEX

*Non-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*

|                              | ROUND BODIED<br>1/2 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS                             | CODE            |
|---|---|-------|-----|--------------------|-----------------------|---------------------------------------|-----------------|
|   |   | USP   | EP  |                    |                       |                                       |                 |
| <b>2 x HR</b><br>mm 17<br>   |   | 3/0   | 2   | 90                 | 36                    | Green                                 | <b>PB463GG2</b> |
|   |   | 2/0   | 3   | 75                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x3 | <b>PB462FP5</b> |
| <b>2 x HR</b><br>mm 18<br>   |   | 2/0   | 3   | 75                 | 12 x 10               | 5 white + 5 green                     | <b>PB1B2FPD</b> |
|   |   | 2/0   | 3   | 75                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x3 | <b>PB1B2FP5</b> |
| <b>2 x HR</b><br>mm 20<br> |   | 4/0   | 1,5 | 90                 | 36                    | Green                                 | <b>PB474GG2</b> |
|   |   | 2/0   | 3   | 75                 | 36                    | Green                                 | <b>PB472FG2</b> |
|   |   | 2/0   | 3   | 75                 | 12 x 10               | 5 white + 5 green                     | <b>PB472FPD</b> |
|   |   | 2/0   | 3   | 75                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x6 | <b>PB472FP4</b> |
|   |   | 2/0   | 3   | 90                 | 36                    | Green                                 | <b>PB472GG2</b> |
| <b>2 x HR</b><br>mm 22<br> |   | 3/0   | 2   | 90                 | 36                    | Green                                 | <b>PB483GG2</b> |
|   |   | 2/0   | 3   | 90                 | 12 x 10               | 5 white + 5 green                     | <b>PB482GPD</b> |
|   |   | 2/0   | 3   | 90                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x6 | <b>PB482GP4</b> |

# POLYBIO





*Braided and coated non-absorbable synthetic multifilament suture*



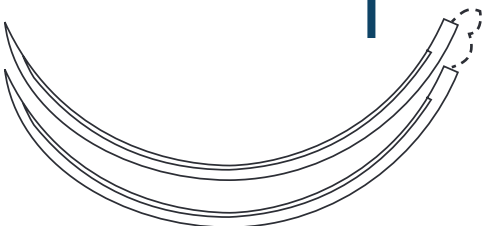
|  | ROUND BODIED<br>1/2 circle<br> | GAUGE |    | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS                             | CODE            |
|---|---|-------|----|--------------------|-----------------------|---------------------------------------|-----------------|
|   |   | USP   | EP |                    |                       |                                       |                 |
|  | <b>2 x HR</b><br>mm 26  | 3/0   | 2  | 75                 | 36                    | Green                                 | <b>PB023FG2</b> |
|   |   | 2/0   | 3  | 75                 | 36                    | Green                                 | <b>PB022FG2</b> |
|   |   | 2/0   | 3  | 75                 | 12 x 10               | 5 white + 5 green                     | <b>PB022FPD</b> |
|   |   | 2/0   | 3  | 75                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x6 | <b>PB022FP4</b> |
|   |   | 2/0   | 3  | 90                 | 36                    | Green                                 | <b>PB022GG2</b> |
|   |   | 2/0   | 3  | 90                 | 36                    | White                                 | <b>PB022GW2</b> |
|   |   | 2/0   | 3  | 90                 | 36                    | Green<br>hard pledget 3x6             | <b>PB022GG3</b> |
|   |   | 2/0   | 3  | 90                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x6 | <b>PB022GP4</b> |

|  | TAPER CUT<br>1/2 circle<br> | GAUGE |    | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS                               | CODE            |
|---|--|-------|----|--------------------|-----------------------|---|-----------------|
|   |  | USP   | EP |                    |                       |   |                 |
|  | <b>2 x HRT</b><br>mm 17  | 3/0   | 2  | 75                 | 36                    | White                                   | <b>PB683FW2</b> |
|   |  | 2/0   | 3  | 75                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x6   | <b>PB682FP4</b> |
|  | <b>2 x HRT</b><br>mm 22  | 2/0   | 3  | 75                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x6   | <b>PB702FP4</b> |
|   |  | 2/0   | 3  | 90                 | 12 x 10               | 5 white + 5 green                       | <b>PB702GPD</b> |
|  | <b>2 x HRT</b><br>mm 26  | 2/0   | 3  | 75                 | 12 x 10               | 5 white + 5 green                       | <b>PB712FPD</b> |
|   |  | 2/0   | 3  | 75                 | 6 x 10                | 5 white + 5 green<br>hard pledget 4,5x9 | <b>PB712FPV</b> |
|   |  | 2/0   | 3  | 75                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x6   | <b>PB712FP4</b> |
|   |  | 2/0   | 3  | 90                 | 6 x 10                | 5 white + 5 green<br>hard pledget 3x6   | <b>PB712GP4</b> |

# POLYBIO

*Braided and coated non-absorbable synthetic multifilament suture*

|                            | ROUND BODIED<br>3/8 circle<br> | GAUGE |     | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS                 | CODE            |
|---|---|-------|-----|--------------------|-----------------------|---------------------------|-----------------|
|   |   | USP   | EP  |                    |                       |                           |                 |
| <b>2 x DR</b><br>mm 13<br> |   | 5/0   | 1   | 75                 | 36                    | Green<br>hard pledget 3x3 | <b>PB045FG6</b> |
| <b>2 x DR</b><br>mm 17<br> |   | 4/0   | 1,5 | 75                 | 36                    | Green                     | <b>PB064FG2</b> |

|    | REVERSE CUTTING<br>3/8 circle<br> | GAUGE |    | THREAD length (cm) | PACK x THREADS NUMBER | SPECIFICS | CODE            |
|---|--|-------|----|--------------------|-----------------------|-----------|-----------------|
|   |  | USP   | EP |                    |                       |           |                 |
| <b>2 x DSX</b><br>mm 75 - extra strong<br> |  | 5     | 7  | 75                 | 36                    | Green     | <b>PB3LDFG2</b> |



# BIOFELT

## Pledgets

Biofelt pledgets are devices made of Polytetrafluoroethylene (PTFE).

Available in two different type, **soft or hard**, they are used for the **reinforcement of sutures and to support the load**. On host tissue, which could otherwise be damaged.

Biofelt pledgets are steril, for single use, implantable and produced in different shapes and sizes with soft or hard consistency, to deal with different procedural requirements. **Custom sizes are available on request.**

**CERTIFICATION**  
CE 0373 class III

| CODE    | SPECIFICS (mm)   | PLDGC. x PACK | PACK x BOX |
|---------|------------------|---------------|------------|
| FP0303H | 3x3 hard         | 6             | 36         |
| FP0303S | 3x3 soft         | 6             | 36         |
| FP0306H | 3x6 hard         | 6             | 36         |
| FP0306S | 3x6 soft         | 6             | 36         |
| FP0306K | 3x6 hard w/holes | 2             | 24         |
| FP0409H | 4,5x9 hard       | 6             | 36         |
| FP0409S | 4,5x9 soft       | 6             | 36         |
| FP0610H | 6x10 hard        | 6             | 36         |
| FP0610S | 6x10 soft        | 6             | 36         |
| FP0650H | 6x50 hard        | 1             | 24         |
| FP0650S | 6x50 soft        | 1             | 24         |
| FP0676H | 6x76 hard        | 1             | 24         |
| FP0676S | 6x76 soft        | 1             | 24         |
| FP2525H | 25x25 hard       | 1             | 24         |
| FP2525S | 25x25 soft       | 1             | 24         |
| FP5151H | 51x51 hard       | 1             | 24         |
| FP5151S | 51x51 soft       | 1             | 24         |
| FP1201H | 12x102 hard      | 1             | 12         |
| FP1201S | 12x102 soft      | 1             | 12         |
| FP5101H | 51x102 hard      | 1             | 12         |
| FP5101S | 51x102 soft      | 1             | 12         |
| FP0676H | 6x76 hard        | 1             | 12         |
| FP0676S | 6x76 soft        | 1             | 12         |
| FP0615H | 6x152 hard       | 1             | 12         |
| FP0615S | 6x152 soft       | 1             | 12         |
| FP0815H | 8x152 hard       | 1             | 12         |
| FP0815S | 8x152 soft       | 1             | 12         |
| FP1001H | 102x102 hard     | 1             | 12         |
| FP1001S | 102x102 soft     | 1             | 12         |
| FP1215H | 12x152 hard      | 1             | 12         |
| FP1215S | 12x152 soft      | 1             | 12         |
| FP2515H | 25x152 hard      | 1             | 12         |
| FP2515S | 25x152 soft      | 1             | 12         |
| FP1015H | 100x152 hard     | 1             | 6          |
| FP1015S | 100x152 soft     | 1             | 6          |
| FP1515H | 152x152 hard     | 1             | 6          |
| FP1515S | 152x152 soft     | 1             | 6          |



# BIOLOOP

*Surgical laces for suspension and differentiation of organs*

## **BIOLOOP SILICON**

is a flexible silicone tube, used during surgical procedures as a retraction tube to harness, isolate and mark arteries, veins and other vessels. It is available in a free-wire version or with a pre-assembled needle, in different sizes and colors that allow immediate identification.

## **BIOLOOP COTTON**

is a sterile ribbon in white cotton, used during surgical procedures for the suspension and traction of organs or for ligation of the umbilical cord of the newborn.

BioLoop Sin all its variants does not contain natural rubber latex. Custom sizes available on request.




## **MEDICAL DEVICE BELONGING TO**

class III according to directive 93/42/CEE



# BIOLOOP

*Surgical laces for suspension and differentiation of organs*

| SILICON - WITH NEEDLE   |  |        |                                  |       |                 |
|---|--|--------|----------------------------------|-------|-----------------|
|  | BLUNT POINT<br>3/8 circle<br> | LENGTH | DESCRIPTION                      | COLOR | RADIOPAQUE CODE |
|  | DRN<br>mm 25   | 50 cm  | mm 1,2 with<br>atraumatic needle | White | LS50N W         |

| COTTON - FLAT SECTION - WHITE COLOR |              |               |               |
|-------------------------------------|--------------|---------------|---------------|
| CODE                                | DESCRIPTION  | Pcs. PER PACK | PACKS PER BOX |
| LC0445                              | 45 cm x 4 mm | 1             | 36            |
| LC0460                              | 60cm x 4 mm  | 1             | 36            |
| LC0480                              | 80 cm x 4 mm | 1             | 36            |
| LC0490                              | 90 cm x 4 mm | 1             | 36            |

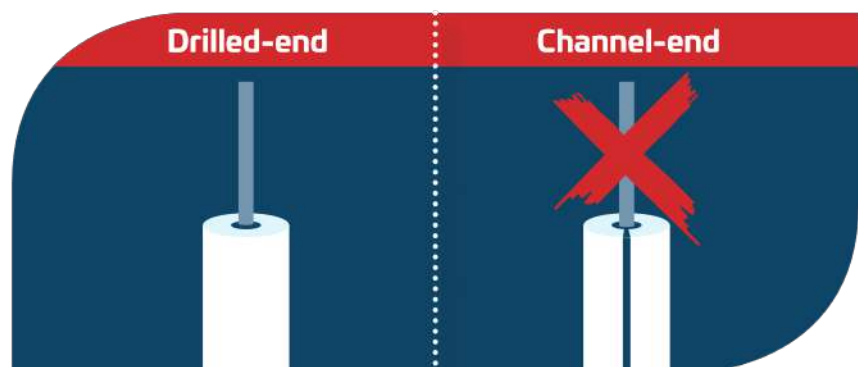


## 02 NEEDLES

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**.



# 03

## RATIO 1:1

*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.**

# 04 LONG PACK

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**Different types of packaging accompany our sutures** according to the specific surgery to which they are produced.

A particular attention is paid to cardiac and vascular surgery where are used packaging which allow a considerable **reduction of the memory effect** of the monofilament and polyester multipack for valve replacement procedures.

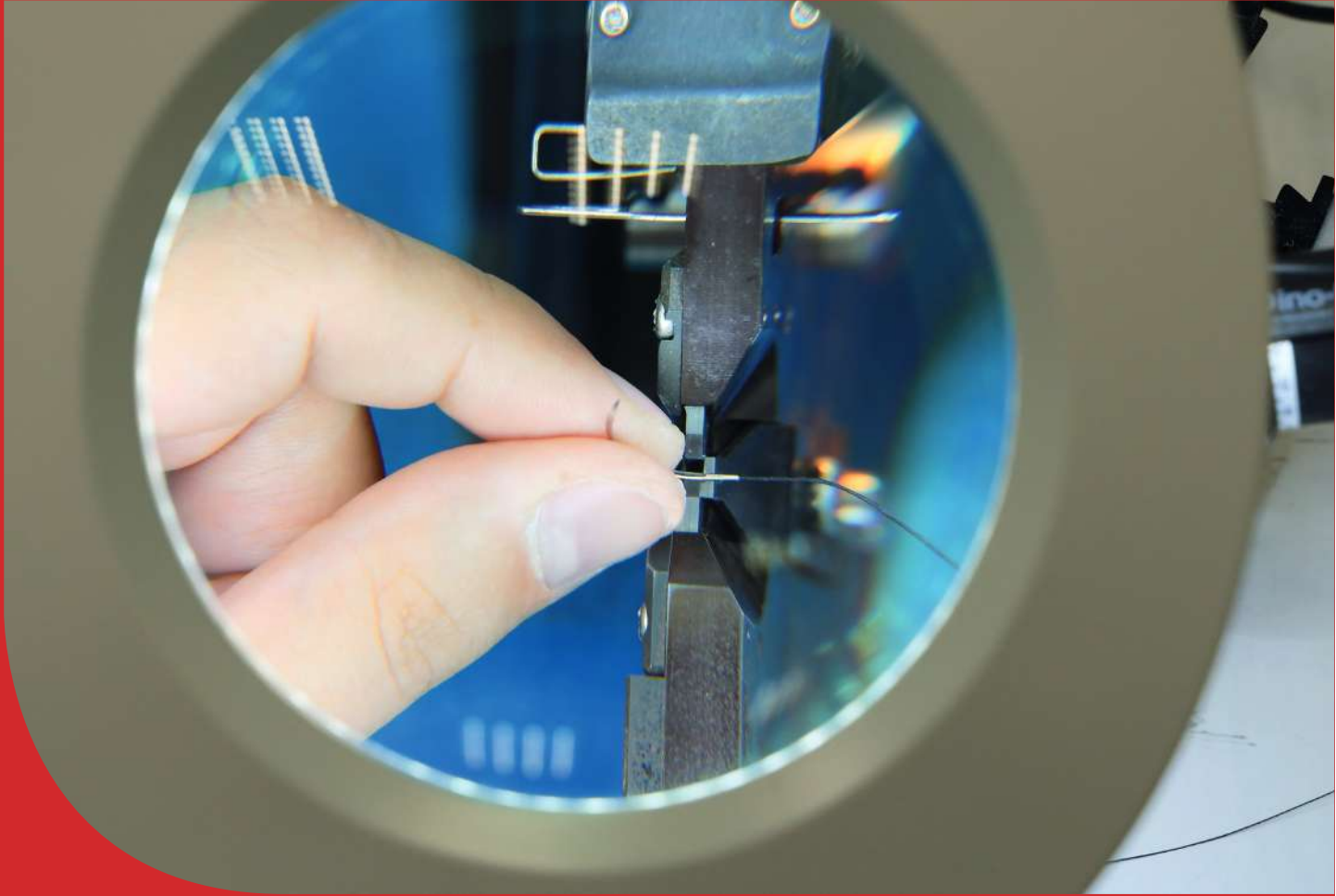
***The characteristics of the suture are reproduced on each packaging, from the external box up to the single sterile punch, to guarantee complete traceability and, at the same time, facilitating its identification.***











# 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.**





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