

*B*lotex[®]

 **Purgo** Dental
Biologics
Solution



“Purgo focuses on Bone and Membrane only!”

Founded in 1999, Purgo Biologics strives to become one of the leading global companies in oral health care with its focus on safe biomaterials for soft tissue and bone regeneration.

Based on the specialized experiences accumulated by our outstanding research personnel, Purgo Research and Development Center based in Seoul is thriving to become the best in the world, specifically in the expertise of oral biomaterials for soft tissue and bone regeneration. All members in Research and Development Center are pursuing the optimized technical developments with various clinical studies, cooperative research with the governments, clinicians and educational institutions.

The solutions manufactured by Purgo are gaining fame throughout the world and Purgo's solutions are widely accepted by global dentists from more than 30 countries.

Our production site is complying with the most international quality standards and regularly inspected by international agencies. Each production stage of our biologics solutions are controlled from the selection of the raw material to the final product.

Availability of words may vary from country to country.

We had a desire.

A desire to provide Valuable & Worthwhile products for our family. That's why we are here to let them smile shine and brightly again.

Purgo Biologics



THE Graft™

Natural bone substitute

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THE Graft Collagen

Bone substitute with collagen

Page 10 to 13

THE Cover™

Resorbable collagen membrane

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BioCover™

Resorbable collagen membrane

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OpenTex®

Non-resorbable PTFE membrane

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OpenTex® -TR

PTFE Titanium reinforced membrane

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Biotex®

Suture for dental implant surgery

Page 28 to 31

Minimal memory, No tangle, and Superior handling



Biotex® Non-Resorbable PTFE Suture is comprised of a single-arm, non-resorbable monofilament suture with a stainless-steel surgical needle connected to the suture. The suture is uncoated, undyed and sterile for single use only, composed of 100% PTFE.

- ✓ SOFT HANDLING
- ✓ BIOLOGICALLY INERT
- ✓ NO TANGLE
- ✓ EASY KNOTTING





Indications

- Bone grafting procedures
- Periodontal surgery
- Guided tissue regeneration
- Ridge augmentation
- Implant surgery
- Soft tissue grafts

Specifications



Item NO.	USP Size	Length (cm)	Needle Length (mm)	Circle	Point Type
BT3016	3-0	45	16	3/8	▽
BT3019	3-0	45	19	3/8	▽
BT4013	4-0	45	13	3/8	▽
BT4016	4-0	45	16	3/8	▽
BT4019	4-0	45	19	3/8	▽
BT5013	5-0	45	13	3/8	▽
BT5016	5-0	45	16	3/8	▽
BTP4013	4-0	45	13	1/2	⊙
BT301955	3-0	55	19	3/8	▽
BT301655	3-0	55	16	3/8	▽
BT401655	4-0	55	16	3/8	▽
BT401955	4-0	55	19	3/8	▽
BT501655	5-0	55	16	3/8	▽
BT401355	4-0	55	13	3/8	▽
BT501355	5-0	55	13	3/8	▽

Biotex® Main Features & Benefits [10]

Suture

1 High pliability (PTFE)

- Tying and bending more at ease with less unintended loosening.

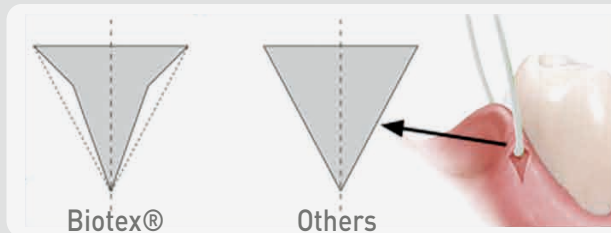
2 No room for little plaque

- It dispels the possibility of any bacterial infection as well as the plaque formation and any other factors that prevent healing process.

Needle

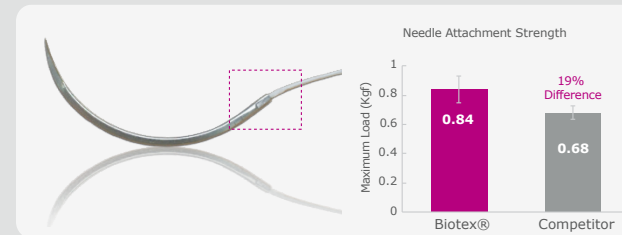
1 Slim reverse cutting needle tip

- Precision slim cut triangular needle for small penetration area and smooth suturing.
- Minimize damage to surrounding soft tissue.



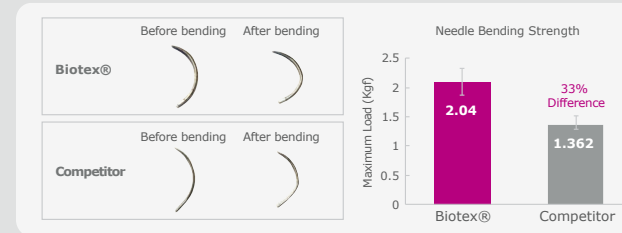
2 Strong Attachment

- Advanced technology for strong needle attachment.
- Smooth and firm connection between needle and thread.
- Rapid healing process due to the reduced bleeding from needle insertion.



3 Strong Needle

- 33% higher strengths are required to bend needle in same degree compared to other product.
- High rigidity of the needle resists to bent stress during suturing.



[10] Abellan et al, Physical and mechanical evaluation of five suture materials on three knot configurations: An in vitro study, polymers, 2016, 8, 147; doi: 10.3390

Needle holding clip

Designed to hold the needle in place, also allows for secure and easy release of the suture needle from its package.



Tab

Allows surgeon to easily grasp and remove the suture needle from its needle holder clip.

Sturdy & Flexible Transparent Cover

Protect and give clear visibility of suture and needle.
Soft and sturdy cover effectively protect the suture.

'Race Track' shape

Designed to prevent suture from entangling, and allows easy release of the suture.



Benefits

- Soft and comfortable for patients
- Soft texture for patient comfort
- Reliable closure period
- Superior handling: provides flexibility in the positioning of a square knot. Easy to tie - Easy to remove
- Nonwicking: Elimination of bacterial wicking usually associated to monofilament
- Maintains tensile strength
- PFOA free

THE Graft™



THE Cover™

::BioCover™

::OpenTex®

::OpenTex®-TR

Biotex®



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THE Graft™, OpenTex®,
OpenTex® TR, Biotex®,
THE Graft™ Collagen,
THE Cover™.