

*A*lotex[®]

 **Purgo** Dental
Biologics
Solution



Leading the New Standard of Regeneration

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.

Purgo Biologics is not just a manufacturer of bone grafting biomaterials.
Our commitment goes far beyond products: we develop high-performance biological solutions designed to support optimal regeneration of both hard and soft tissues.

At Purgo Biologics, every innovation is guided by one fundamental principle : respect for biology.
Our solutions are biocompatible, effective, and developed without biological compromise, supporting natural regenerative processes and delivering reliable, long-lasting outcomes.

Because regeneration is not about filling, but about rebuilding, Purgo Biologics stands as the biological choice in bone and tissue regeneration.
Purgo Biologics – THE Right Choice !

Purgo Biologics



THE Graft™

Natural bone graft
Page 4 to 9

THE Graft Collagen

Collagenated bone block
Page 10 to 13

THE Cover™ [Flex-Stiff]

Natural resorbable collagen membrane
Page 14 to 17

THE Cover™ X tend

Peritoneum resorbable collagen membrane
Page 18 to 21

THE Cover™ Pericardium

Pericardium resorbable collagen membrane
Page 22 to 25

OpenTex®

Non-resorbable PTFE membrane
Page 26 to 29

OpenTex® -TR

Non-resorbable PTFE titanium reinforced membrane
Page 30 to 33

Botex®

Non resorbable PTFE suture
Page 34 to 37

Minimal memory, No tangle, and Superior handling



Biotex[®]

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
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	▽
BTP4013	4-0	45	13	1/2	⊙

Biotex® Main Features & Benefits [10]

Suture

1 High pliability (PTFE)

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

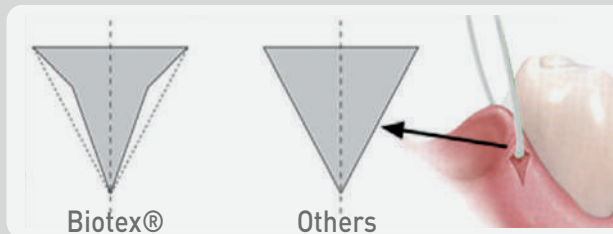
2 No room for little plaque

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

Needle

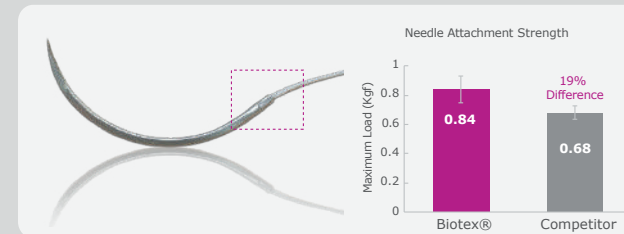
1 Slim reverse cutting needle tip

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



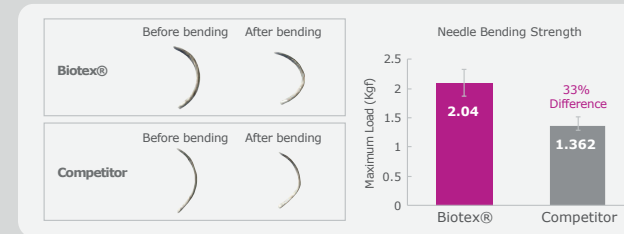
2 Strong Attachment

- 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.



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

Recommended

Classification	BONE GRAFT		MEMBRANE						SUTURE
	Xenograft	Xenograft with collagen	Resorbable collagen membrane				Non-resorbable PTFE		PTFE Suture
	THE Graft	THE Graft Collagen	THE Cover Flex	THE Cover Stiff	THE Cover Xtend	THE Cover Pericardium	OpenTex	OpenTex-TR	Biotex
Management of contained extraction socket	●	●	●		●	●			●
Management of non-contained extraction socket	●	●		●		●	●	●	●
Augmentation of minor bone defect	●	●	●		●	●			●
Augmentation of major bone defect	●			●		●	●	●	●
Sinus floor augmentation	●	●	●	●	●				●
Periodontal defects	●	●	●	●	●	●			●
Peri-implantitis	●	●	●	●	●	●			●
Immediate implant	●	●	●	●	●	●			●
Soft tissue volume		●							●

Scientifically supported and clinically-proven products



53+

Countries Approval



34+

Countries Sales



59+

Papers Published



30+

Papers SCI Journal





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

Clinical Case Book #1



Clinical Case Book #2

