

THE Cover[™] **X**tend

 **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™  **tend**
Peritoneum resorbable collagen membrane
Page 18 to 21

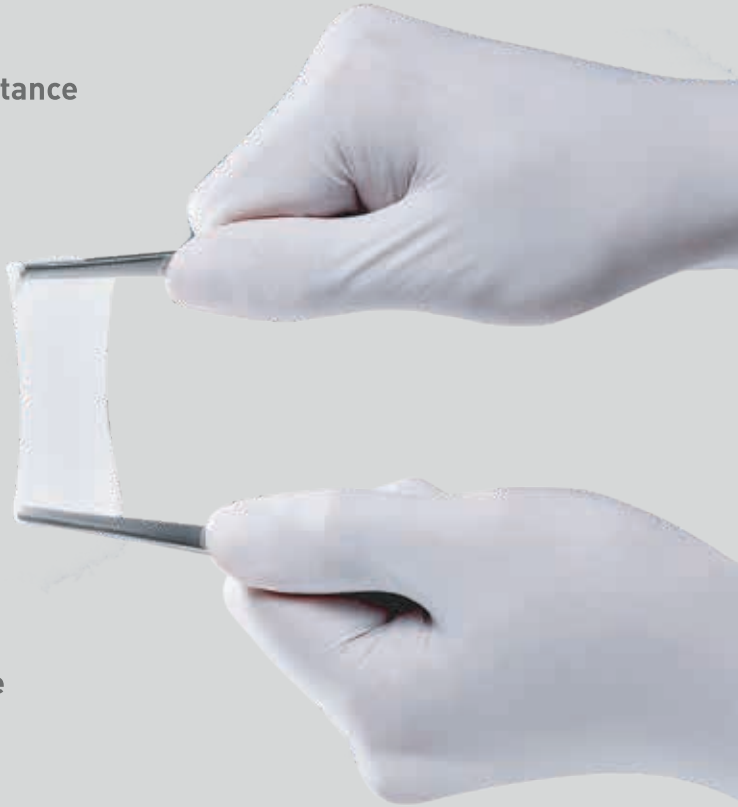
THE Cover™ Pericardium
Pericardium resorbable collagen membrane
Page 22 to 25

 **OpenTex®**
Non-resorbable PTFE Membrane
Page 26 to 29

 **OpenTex® -TR**
Non-resorbable PTFE titanium reinforced membrane
Page 30 to 33

 **lotex®**
Non-resorbable PTFE suture
Page 34 to 37

Resorbable Collagen Membrane with High Tension Resistance



THE Cover[™] Xtend

THE Cover[™] Xtend membrane is designed to combine high mechanical strength with optimal flexibility, providing a reliable solution for guided bone regeneration, ridge preservation, and augmentation procedures.



Protect



Restore



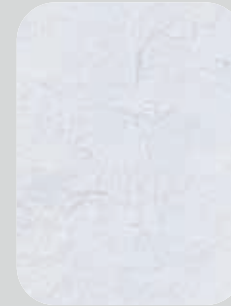
Preserve





Benefits

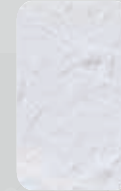
- Easy handling properties
- Tear-resistant membrane under tension
- Barrier effect durability



TCX-3040



TCX-2525



TCX-1525

Specifications

THE Cover™ Xtend

Description	Item NO.	Size
THE Cover™ Xtend	TCX-1525	15mm x 25mm
	TCX-2525	25mm x 25mm
	TCX-3040	30mm x 40mm

Key Features

High Mechanical Strength and Tear Resistance ^[12]

- The robust tensile properties of THE Cover™ Xtend prevent tearing or breaking during handling, ensuring a smooth and controlled placement.
- The combination of mechanical strength and pliability ensures the membrane can be positioned accurately without risk of tearing, even in delicate procedures.



Flexible & Pliable

- Despite its strength, THE Cover™ Xtend maintains flexibility, allowing easy adaptation to surgical sites and complex defect shape type.

Applications

- Suitable for ridge preservation, socket augmentation, guided bone regeneration, and other dental and surgical procedures where reliable membrane handling is crucial.

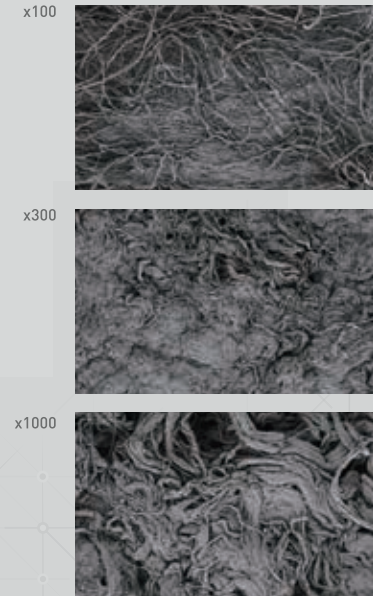
Key Features

Biocompatible ^[13]

- THE Cover™ Xtend is composed of a network of purified porcine collagen fibers intermingled with purified porcine elastin fibers.
- THE Cover™ Xtend is produced through controlled and standardized manufacturing processes to ensure consistency and quality.
- Highly purified, THE Cover™ Xtend minimizing the risk of immunogenic response.

Barrier Effect ^[14]

- With slow resorption over 20 weeks, THE Cover™ Xtend membrane acts as a reliable barrier against soft tissue ingrowth, while its fibrous network provides mechanical stability and keeps bone graft material securely in place.



[13] Differences in degradation behavior of two non-cross-linked collagen barrier membranes: an in vitro and in vivo study, 21 Ahmet Bozkurt, Christian Apel, Bernd Sellhaus, Sabien van Neerven, Bastian Wessing, Ralf-Dieter Hilgers, Norbert Pallua

[14] Tissue dynamics and regenerative outcome in two resorbable non-cross-linked collagen membranes for guided bone regeneration: A preclinical molecular and histological study in vivo Omar Omar, Anna Dahlin, Angelines Gasser, Christer Dahlin

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



56+

Countries Approval



42+

Countries Sales



89+

Papers Published



47+

Papers SCI Journal



THE Graft™



THE Cover™

THE Cover™ X tend

THE Cover™ Pericardium

OpenTex®

OpenTex® -TR

Biotex®



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



Website Purgo Europe

Clinical Case Book #1



Clinical Case Book #2

