

THE Graft™ Collagen

 **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

Page 14 to 17

BioCover™

Resorbable collagen membrane

Page 18 to 19

OpenTex®

Non-resorbable PTFE membrane

Page 20 to 23

OpenTex® -TR

PTFE Titanium reinforced membrane

Page 24 to 27

Biotex®

Suture for dental implant surgery

Page 28 to 31

**Biocompatible and safe natural bone grafting material,
THE Graft™ Collagen is just the science itself!**



**THE Graft
Collagen**

THE Graft™ Collagen block is composed of porcine derived bone mineral matrix from cancellous bone and atelocollagen from porcine tendon. THE Graft™ Collagen is a bone graft intended to fill, augment, and/or reconstruct periodontal, oral, and maxillofacial defects.

THE Graft™ Collagen bone mineral matrix is similar to physical and chemical aspects of human bone mineralized matrix. Hydrated collagen components have viscosity that facilitate for blending bone mineral matrix. With this characterization, THE Graft™ Collagen can be trimmed and/or molded to the various defect shapes and can be fixed in bone defect site.



As time passes, THE Graft™ Collagen is partially transformed by the osteoclast and osteoblast cells.



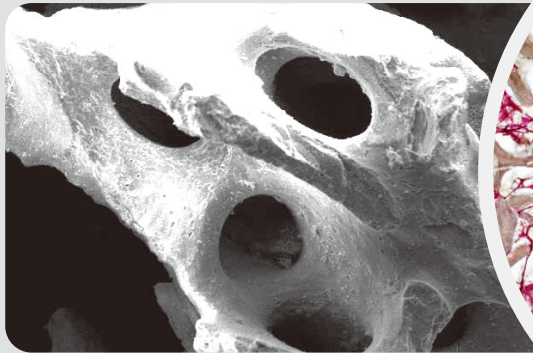


Specifications

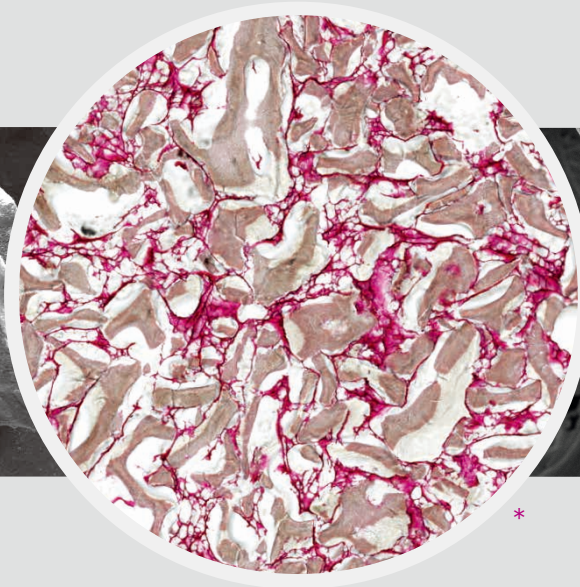


Description	Item NO.	Size / Volume ~	
THE Graft™ Collagen Block Type 	TCB-01	7x7x7mm	0.34cc
	TCB-02	8x9x10mm	0.72cc
	TCB-03	10x11x12mm	1.32cc
THE Graft™ Collagen Ring Type 	TCR-01	5x3x8 mm	0.22cc
	TCR-02	5x4x9mm	0.26cc
	TCR-03	5x5x10mm	0.29cc

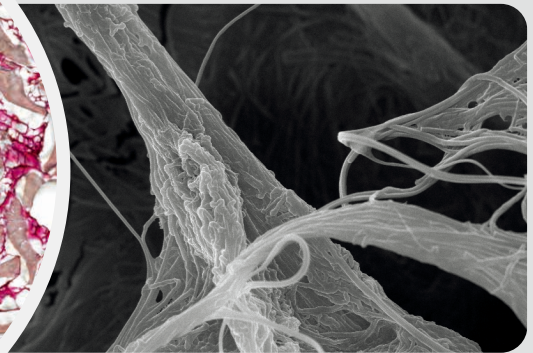




100x



*



5,000x



* In vivo histological evaluation: Rats were sacrificed at 8 weeks.

Characteristics of THE Graft™ Collagen

1 Easily Moldable

Made of THE Graft™ granules and collagen, THE Graft™ Collagen is easier to mold than THE Graft™ granules alone. Therefore, THE Graft™ Collagen has better handling property compared to that of THE Graft™, making it possible to adapt grafting materials to various shapes of the defect site with more ease.



2 Optimal osteoconductivity

While retaining better handling properties, THE Graft™ Collagen is able to form sufficient osseous tissue for implant placement and maintain natural volume and great adhesion property which lead to minimum chair time.



3 Predictable clinical results

With great hydrophilicity, THE Graft™ Collagen stabilizes the clot and aids in revascularization of the grafting material in the defect area to increase cell migration efficiency to the mineral substrate. As a result, fast bone formation can be expected, as well as a predictable clinical result.

It is advantageous for shape and space maintenance

THE Graft™



THE Cover™

::BioCover™

::OpenTex®

::OpenTex®-TR

Biotex®



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