

BioNgraft™

Flexible Synthetic Bone Substitute



Composition

Biongraft Flex is composed of b-TCP and resorbable PLA based Synthetic Polymer. The polymer of the Flex is metabolite lactic acid and is degraded to CO_2 and H_2O .

Biongraft Flex has a unique micro and macro porous structure that most closely resemble the architecture of natural human bone. It gradually dissolves in the body, promoting new bone formation through the release of calcium and phosphate ions. In time, the porous structure becomes completely infiltrated with cells and replaced by healthy viable bone.

Product Features

- **Easy to Use**

Biongraft flex provides great handling with high elasticity for specific cases.

- **100% Synthetic**

Contains no tissue of human or animal origin therefore carries no risk of disease transmission.

- **Bioresorbable**

With its optimized porous structure and chemical composition, Biongraft Flex is suitable for the continuous remodeling cycle of healthy bone. b-TCP resorbs over time and be replaced with bone during the healing process.

- **Osteoconductive**

Act as a scaffold and support bone tissue regeneration. Similar to the mineral found in bone tissue. Highly Interconnected porosity with excellent mechanical resistance.

Indications

- Ridge augmentation
- Lateral and Crestal Sinus Augmentation
- Sinus lifts
- Filling of defect of endodontic origin
- Cysts or other Osseous defects
- Alveolar bone regeneration

Easy Application

- **Biongraft Flex** can be applied directly or in combination with bone marrow aspirate/blood to the surgical site.
- Wetting **Biongraft Flex** increases flexibility.
- **Biongraft Flex** can be cut and fit.

Specifications

BioNgraft™ Flex
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REFERENCE CODE	DESCRIPTION	VOLUME	PACKAGING
TBGF25254	Flexible Strip	25x25x4 mm	1 unit/Box
TBGF25504	Flexible Strip	25x50x4 mm	1 unit/Box
TBGF25505	Flexible Strip	25x50x5 mm	1 unit/Box
TBGF25506	Flexible Strip	25x50x6 mm	1 unit/Box
TBGF25508	Flexible Strip	25x50x8 mm	1 unit/Box
TBGF50504	Flexible Strip	50x50x4 mm	1 unit/Box

