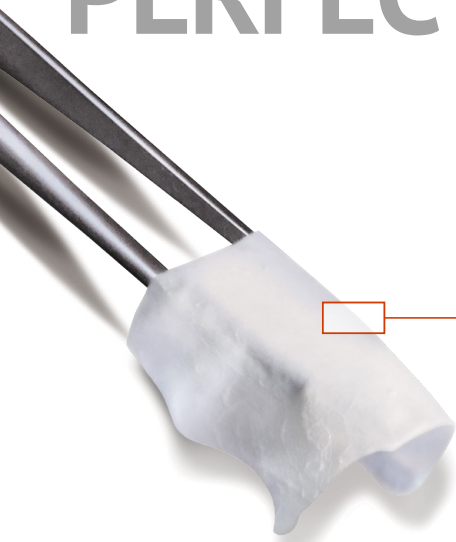


PERFECTLY SOFT



Easy Handling

- Does not stick to instruments or itself
- Either side can face the defect
- Low surface expansion when hydrated

High Tensile Strength¹

- High suture retention
- High tear resistance

Facilitates New Bone Formation^{2,3}

- Significantly higher new bone formation in the central portion of the defect, in comparative *in vivo* study

Available Sizes (1 per box)

15 mm x 20 mm

| ZM1520



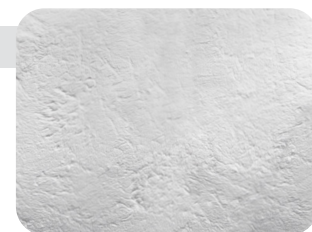
25 mm x 30 mm

| ZM2530



30 mm x 40 mm

| ZM3040



High Success Rate Proven in Randomized Controlled Trial⁴

In a randomized controlled trial published by Urban et al., Zmatrix™ and control membrane BG similarly reduced defect height after simultaneous GBR and implant placement.

High Tensile Strength and Suture Retention¹

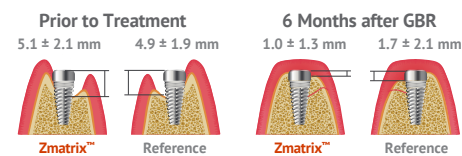
Studied *in vitro* compared to other collagen membranes

- Showed the highest suture retention when hydrated (6.1 N)
- Demonstrated the highest force at break, wet (21.2 N)

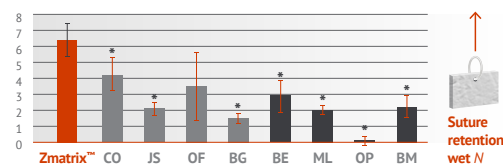
Stable During the Period Required for Barrier Function⁵

After 20 weeks in an animal model, the thickness of Zmatrix™ decreased only slightly, whereas control membrane BG showed around a 50% thickness loss.

Schematic Showing the Defect Height:



Comparison of Commercial Membranes in a Hydrated State



*Statistically significant

1. Gasser A, et al. J Dent Res 2016;95 (Spec Iss A): 1683 2. Wessing B, et al. Clin Oral Impl Res; 2017;28(11):e218-e226 3. Omar O, et al. Clin Oral Impl Res; 2018;29(1):7-19 4. Urban I, et al. Clin Oral Impl Res. 2019;30:487-497 5. Bozkurt A, et al. Clin Oral Impl Res; 2014;25(12):1403-1411.