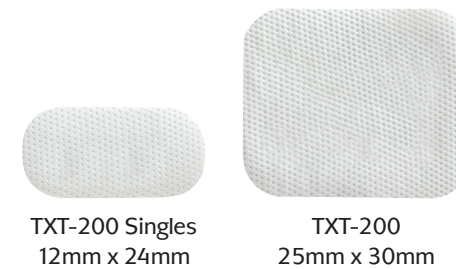


## Cytoplast™ Dense PTFE Membranes

The micro-textured TXT-200 & TXT-200 Singles provide a textured surface to increase the area available for cellular attachment without increasing porosity. (200 microns thick)

- patented Regentex™ surface for increased stability
- impervious to bacteria (membrane pore size less than 0.3 microns)
- designed to withstand exposure
- non-surgical removal when left exposed
- for socket grafting and grafting where primary closure is not possible



Cytoplast™ Dense PTFE Membrane size reference

### ordering information

<b>OG-TXT1224-1</b>	Cytoplast™ TXT-200 Singles 12mm x 24mm
<b>OG-TXT1224</b>	Cytoplast™ TXT-200 Singles (pack of 10) 12mm x 24mm
<b>OG-TXT2530-1</b>	Cytoplast™ TXT-200 25mm x 30mm
<b>OG-TXT2530</b>	Cytoplast™ TXT-200 (pack of 4) 25mm x 30mm

## Cytoplast™ PTFE Sutures

- manufactured using 100% non-resorbable, medical grade PTFE for a biologically inert suture that prevents bacterial wicking into surgical sites
- 300 series stainless steel needle, provides a substantial increase in needle strength as well as initial and sustained needle sharpness
- soft monofilament ensures little to no package memory for excellent handling, secure knots and increased patient comfort



### ordering information

<b>OG-CS-0618RC</b>	3/8 Circle Precision Reverse Cutting, USP 4-0 16mm
<b>OG-CS-0618PREM</b>	3/8 Circle Precision Reverse Cutting, USP 4-0 13mm
<b>OG-CS-051819</b>	3/8 Circle Reverse Cutting, USP 3-0 19mm
<b>OG-CS-0518</b>	3/8 Circle Reverse Cutting, USP 3-0 16mm



## Cytoplast™ Titanium-Reinforced Dense PTFE Membranes

The traditional frame design, incorporating delicate and strategically-placed titanium "struts", has more than 25 years of clinical history and successful use in guided bone regeneration. Cytoplast™ Ti-250 membranes provide a wide range of coverage solutions for cases involving extraction sites, bony defects, and ridge augmentation. (250 microns thick)

- creates space for defects missing 1-3 bony walls
- variety of sizes for a variety of defects
- easily trimmed to fit a variety of defects
- primary closure and fixation is generally recommended

### ordering information and applications<sup>5</sup>

<b>OG-TI250ANL-2</b>	Ti-250 Anterior Narrow (pack of 2) Coverage of narrow single-tooth extraction sites, especially where one bony wall is missing.	12mm x 24mm
<b>OG-TI250AS-2</b>	Ti-250 Anterior Singles (pack of 2) Coverage of single-tooth extraction sites, especially where one or more bony walls are missing.	14mm x 24mm
<b>OG-TI250ATC-2</b>	Ti-250 Anterior Trans Crestal Designed for bony defects between adjacent teeth, including ridge augmentation.	24mm x 38mm
<b>OG-TI250BL-2</b>	Ti-250 Buccal (pack of 2) Treatment of large buccal defects.	17mm x 25mm
<b>OG-TI250XL-2</b>	Ti-250 XL (pack of 2) Sized to cover very large bony defects, including ridge augmentation. Larger titanium spans more of the PTFE membrane for additional rigidity.	30mm x 40mm
<b>OG-TI250XLK-2</b>	Ti-250 XLK (pack of 2) Sized to cover large bony defects, including ridge augmentation. Smaller titanium frame allows for greater versatility when shaping.	30mm x 40mm
<b>OG-TI250PS-2</b>	Ti-250 Posterior Singles (pack of 2) Suited for covering posterior extraction sites and limited ridge augmentation.	20mm x 25mm
<b>OG-TI250PST-2</b>	Ti-250 Posterior Singles T2 Designed for grafting extraction sites and limited ridge augmentation.	25mm x 36mm
<b>OG-TI250PL-2</b>	Ti-250 Posterior Large (pack of 2) Suited for treating large bony defects, including ridge augmentation.	25mm x 30mm
<b>OG-TI250PTC-2</b>	Ti-250 Posterior Trans Crestal Designed for large bony defects between adjacent teeth, including ridge augmentation.	38mm x 38mm
<b>OG-TI250PD-2</b>	Ti-250 Posterior Distal Designed for large bony defects, including distal extension of the posterior ridge.	38mm x 38mm

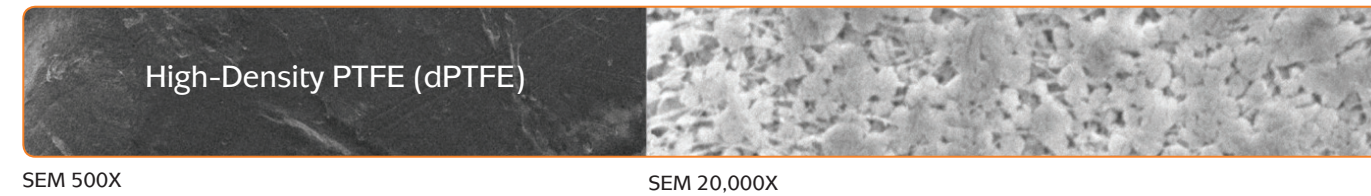


Cytoplast™ Titanium-Reinforced Dense PTFE Membrane size reference

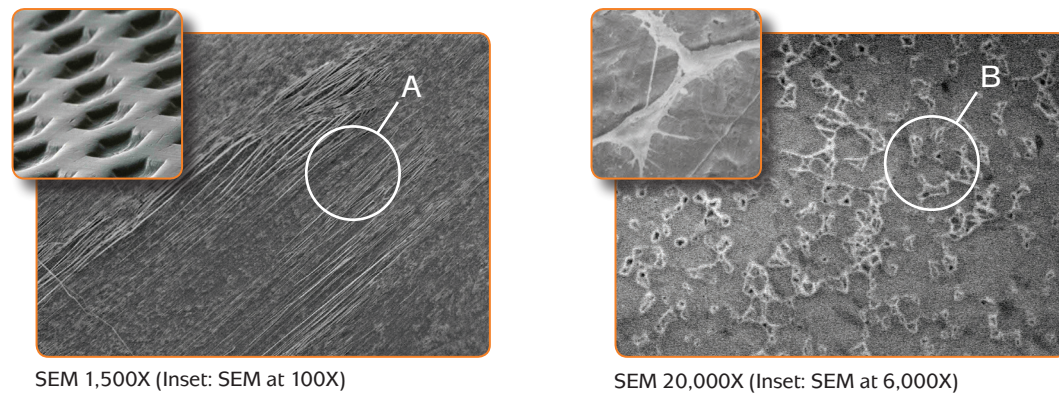


## a closer look at Cytoplast™ High Density PTFE

Cytoplast dense PTFE membrane became an industry leader with advancements such as Regentex textured surface technology, multiple shapes and sizes, simple atraumatic removal and optional titanium reinforcement.



## performance

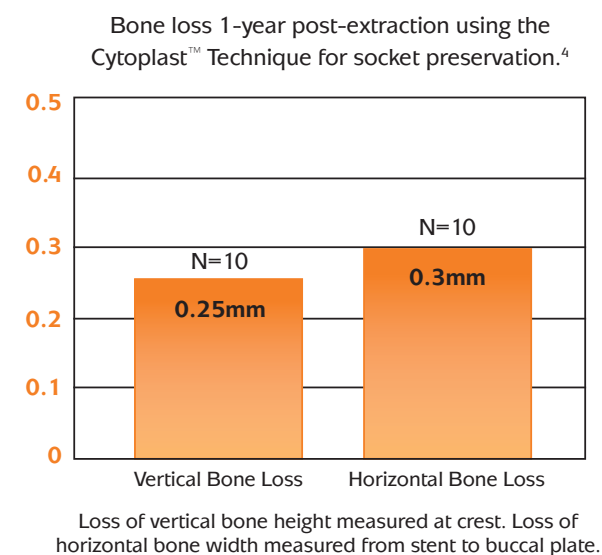
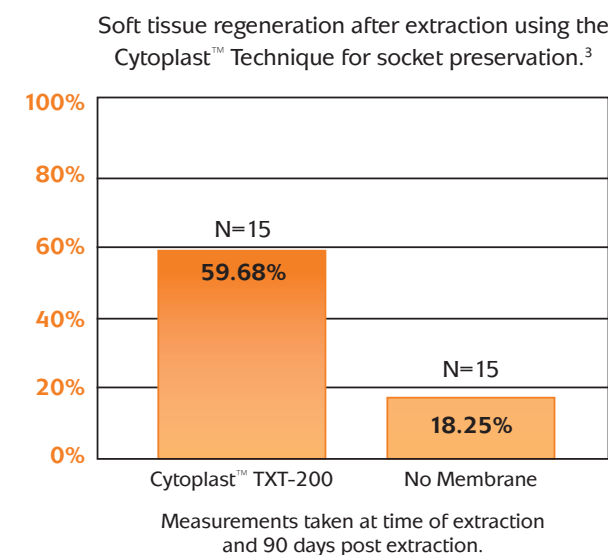


SEM views of Cytoplast™ TXT-200 textured high-density PTFE membrane. The hex shaped dimples increase the surface area available for soft tissue attachment. Parallel grooves and fibrils (A) play a role in cell migration and attachment. At high power, nanoscale pores (B) can be visualized. Pores less than 0.3 microns prevent the migration of bacteria into the membrane, yet allow diffusion of small organic molecules and oxygen and are important in facilitating cellular adhesion and spreading.

## predictability

In two separate studies, treating a total of 696 extraction sites, there were zero reported infections using Cytoplast™ high-density PTFE membranes in an exposed technique.<sup>1,2</sup>

## efficacy



1) Hoffmann O, et al. Alveolar Bone Preservation in Extraction Sockets using Non-Resorbable dPTFE Membranes-276 Cases. *J Periodontol.* 2008;79:1355-1369. 2) Barboza EP, Stutz B, Ferreira VF, Carvalho W. Guided bone regeneration using nonexpanded polytetrafluoroethylene membranes in preparation for dental implant placements-A report of 420 cases. *Implant Dent* 2010; 19(1):2-7. 3) Barboza EP, Francisco BS, Ferreira VF. Soft tissue enhancement using non-expanded PTFE membranes without primary closure [abstract]. Presented at the 2008 Research Forum Poster Session, Annual Meeting of the AAP in Seattle, WA, September 6-9, 2008. 4) Fotek PD, Neiva RF, Wang HL. Comparison of dermal matrix and polytetrafluoroethylene membrane for socket bone augmentation: A clinical and histologic study. *J Periodontol.* 2009;80:776-785. 5) Reference: manufacturer's Instructions for Use (IFU) package insert.

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