

www.osteogenics.com



ORDERING

Our customer service professionals are available from 7 AM to 7 PM CST, Monday through Thursday, and 7 AM to 5 PM CST on Fridays.
Orders may be placed by the following methods:

TOLL-FREE 1.888.796.1923 (US & Canada only)

INTERNATIONAL +1 806.796.1923 FAX 806.796.0059

EMAIL sales@osteogenics.com
WEBSITE www.osteogenics.com
ADDRESS Osteogenics Biomedical.

4620 71st Street | Building 78-79

Lubbock, TX 7942

SHIPPING

Orders placed by 5 PM CST will be shipped the same day unless specified otherwise by your customer service professional. Standard shipping is 2nd Day delivery with UPS. Due to our volume discounts with UPS, our 2nd Day rate is usually less than standard ground shipping and assures better tracking and customer support. Overnight delivery is available at discounted rates as well.

PRICING

Prices are subject to change. However, we will make every effort to notify you in advance of a change. We offer the following discounts on bulk purchases:

Buy 5, Get 1 FREE* on all products except Cytoplast™ PTFE Suture. Buy 10 Boxes, Get 1 FREE on Cytoplast™ PTFE Suture.

*Mixing and matching different products is permitted; the least expensive product will be credited as free.

PAYMENT

We make it easy for you. We accept all major credit cards, or domestic orders may choose payment terms of Net 15 All payments are in US Pollars

AVAILABILITY

We know how frustrating back-orders are, so we carry enough inventory to ensure that, statistically, we have your product on hand 99% of the time. In the event of a back-order, we will notify you at the time of your order and give you an estimated ship date.

SATISFACTION ASSURANCE

If you are not completely satisfied with our products, call us and we will arrange for a replacement, exchange, or refund. Unopened boxes may be returned within 30 days from the invoice date for a full refund. Opened boxes may be returned for product exchange within 90 days of the invoice date. Call customer service at 1.888.796.1923 for return authorizations.



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40 SELECTION OF APPLICABLE REFERENCES

• New Items Available

| All **PART NUMBERS** are denoted with a vertical bar





A SYNERGISTIC COMBINATION

Combines the synergistic characteristics of slowly resorbing,
 space-maintaining mineralized cortical bone with osteoinductive
 demineralized matrix to provide an optimized environment for the
 regeneration of vital bone

CHAIR-SIDE EFFICIENCY

- 70/30 combination graft is pre-mixed to reduce inventory and reduce chair-side preparation
- Double-sterile packaged for aseptic presentation in the surgical field

TESTED TWICE TO ENSURE ITS OSTEOINDUCTIVITY

- Pre-sterilization in vitro BMP-2 assay
 Prior to packaging and terminal sterilization, every lot is tested for a minimum threshold of BMP-2
 All lots that fail to meet the threshold are discarded
- Post-sterilization in vivo osteoinductivity verification
 Every lot undergoes a final in vivo post-sterilization
 test to verify its osteoinductive potential

BEST PRACTICES IN SAFETY

- Tissue processed by Allotech, an FDA-registered and AATB accredited tissue bank
- · Single donor per lot
- \cdot Terminally sterilized by low-dose e-beam irradiation to a sterility assurance level of 10^{-6}







Representative histology taken at 6 months from a case using combination allograft

86% vital bone 14% residual graft 51% bone, 49% Marrow

Histology by Michael Rohrer, DDS, MS University of Minnesota



Allografts

enCore® 70|30 Combination Allograft (FDBA & DFDBA)

70% Mineralized Cortical Allograft and 30% Demineralized Allograft

0.25 mm - 1.0 mm Particle Size

0.5 cc	C73050	(1 per box)
1.0 cc	C73100	(1 per box)
1.5 cc	C73150	(1 per box)
2.5 cc	C73250	(1 per box)



enCore® 50|50 Cortical & Cancellous Allograft

50% Mineralized Cortical Allograft and 50% Mineralized Cancellous Allograft 0.5 mm - 1.25 mm Particle Size

0.5 cc	CM55050	(1 per box)
1.0 cc	CM55100	(1 per box)
1.5 cc	CM55150	(1 per box)
2.5 cc	CM55250	(1 per box)



enCore® OD 30|70 Cortical & Cancellous Allograft

30% Mineralized Cortical Allograft and 70% Mineralized Cancellous Allograft 0.25 mm - 1.0 mm Particle Size

0.5 cc	OD37050	(1 per box)
1.0 cc	OD37100	(1 per box)
2.5 cc	OD37250	(1 per box)



enCore® Mineralized Cortical Allograft

100% Mineralized Cortical Allograft

.25 mm - 1.0 mm Particle Size

0.5 cc	SMIN050	(1 per box)
1.0 cc	SMIN100	(1 per box)
1.5 cc	SMIN150	(1 per box)
2.5 cc	SMIN250	(1 per box)



Porcine Xenograft Particulate



Zcore[™] is an osteoconductive, porous, anorganic bone mineral with a carbonate apatite structure derived from porcine cancellous bone.

INTERCONNECTING PORES

Interconnecting macroscopic and microscopic porous structure supports the formation and ingrowth of new bone

88% TO 95% VOID SPACE

88% to 95% Void Space: hyper-porosity of porcine cancellous matrix and intra-particle space facilitated by rough particle morphology reduce bulk density of the graft, allowing greater empty space for new bone growth*

PORCINE CANCELLOUS BONE

Derived from porcine cancellous bone, eliminating risk of BSE transmission

PROCESSED USING MINIMAL HEAT

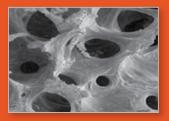
Heat treated to an optimal temperature that ensures a degree of crystallinity¹ consistent with native bone mineral to allow for remodeling of the healing bone

*0.25 mm - 1.0 mm particle size = 88% void space, 1.0 mm - 2.0 mm = 95% void space

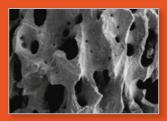
1. Li ST, Chen HC, Yuen D. Isolation and Characterization of a Porous Carbonate Apatite From Porcine Cancellous Bone. Science, Technology, Innovation, Aug. 2014: 1-13.







SEM of Processed Human Bone Magnification x50



SEM of Zcore™ Porcine Xenograft Particulate Magnification x50

Zcore[™]

Porcine Xenograft Particulate

Zcore™ Porcine Xenograft Particulate

.25 mm - 1.0 mm Particle Size

0.5 cc	ZS050	(1 per box)
1.0 cc	ZS100	(1 per box)
2.0 cc	ZS200	(1 per box)
4.0 cc	ZS400	(1 per box)

1.0 mm - 2.0 mm Particle Size

1.0 cc	ZL100	(1 per box)
2.0 cc	ZL200	(1 per box)

Zcore[™] Porcine Xenograft Particulate in Syringe

.25 mm - 1.0 mm Particle Size

0.25 cc	ZY025	(1 per box)
0.5 сс	ZY050	(1 per box)





Zcore[™] Form

Moldable Collagen-Enriched Porcine Xenograft

shown actual size

9 mm diam. x 8 mm

0.5 cc ZF050 (1 per box)



11 mm diam. x 12 mm

1.0 cc | ZF100 (1 per box)



11 mm diam. x 22 mm

2.0 cc | ZF200 (1 per box)



Once hydrated, Zcore™ Form becomes moldable and can take the shape of a variety of defect shapes and sizes.

80% ZCORE™ PORCINE XENOGRAFT PARTICULATE → 20% TYPE I PORCINE COLLAGEN -

A composite of osteoconductive bone mineral and collagen, Zcore™ Form is composed of 80% porcine xenograft particulate and 20% porcine collagen by volume (90% xenograft and 10% collagen by weight). The moldable consistency allows it to take the shape of the defect while also making the overall handling of the product easier and more convenient than particulate grafts.



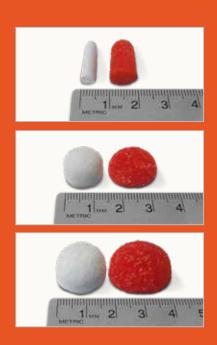




immediately when introduced to the

Zcore[™] **Expand**

Expandable Collagen-Enriched Porcine Xenograft

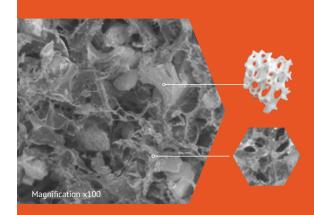


Zcore[™] Expand hydrates and expands almost immediately when introduced to the patient's blood or sterile saline.





Once hydrated, Zcore™ Expand increases in diameter to fill the void space in a socket or sinus defect.





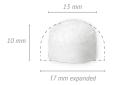
shown actual size



Socket

5 mm x 17 mm 10 mm x 17 mm EXPANDED

ZXSOCKET (1 per box)

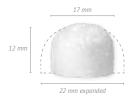


Small Sinus

13 mm diam. x 10 mm 17 mm x 10 mm EXPANDED

ZXSINUSS

(1 per box)



Large Sinus

17 mm diam. x 12 mm 22 mm x 12 mm EXPANDED

ZXSINUSL

(1 per box)

65% ZCORE™ PORCINE XENOGRAFT PARTICULATE 35% TYPE I EXPANDABLE PORCINE COLLAGEN

A composite of osteoconductive bone mineral and expandable collagen, Zcore™ Expand is composed of 65% porcine xenograft particulate and 35% porcine collagen by volume (80% xenograft and 20% collagen by weight). Zcore™ Expand is supplied as a compressed preformed sponge that expands when hydrated, allowing it to take the shape of the defect. The unique expandable property makes Zcore™ Expand a desirable option for extraction site grafting and/or sinus augmentation that uses a lateral approach.



NovaBone® Dental Putty & NovaBone® Morsels

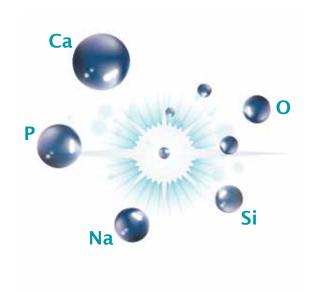
The synthetic solution to bone regeneration

UNIQUE FORMULATION OF NOVABONE® DENTAL PUTTY

NovaBone® Putty is 100% synthetic and fully resorbable. It is composed of calcium phosphosilicate (CPS) particles in a bimodal size distribution combined with a polyethylene glycol and glycerine binder. The binder improves handling and aids in maintaining the space between the particles, which facilitates revascularization after implantation. The bioactive CPS component makes up 70% of the putty by volume. Upon implantation, the water soluble binder is absorbed within 24 to 72 hours, creating a 3-dimensional porous scaffold that facilitates diffusion of blood and tissue fluids through the matrix. The smaller CPS particles (32-125 µm) are more rapidly resorbed, providing the initial burst of Ca and P ions. Subsequently, the larger particles (90-710 µm) react, and being more resistant to resorption, continue the process of bone regeneration.

OSTEOSTIMULATIVE & OSTEOCONDUCTIVE

Unlike most synthetic grafts that are only osteoconductive, bioactive NovaBone® Putty also has an "osteostimulative" effect. After implantation, surface reactions result in absorption of the graft material, a controlled release of Si, Ca, and P ions, and concurrent new bone formation. These surface reactions result in an osteostimulative effect, defined as the stimulation of osteoblast proliferation in vitro as evidenced by increased DNA content and elevated osteocalcin and alkaline phosphatase levels. In vitro gene array analysis has confirmed that when human primary osteoblasts are exposed to extracts of CPS, upregulation of several gene families occurs.



SUPERIOR DELIVERY SYSTEM & HANDLING

NovaBone® Putty is available in multiple delivery options: trays, pre-filled syringes, and a unique industry-first cartridge delivery system. NovaBone® is the only graft material in the world that is available in disposable uni-dose cartridges. The cartridges simplify dispensing of the graft, especially in hard-to-reach areas, thus facilitating minimally invasive techniques (and hard-to-access defects such as gaps in immediate implant placement and crestal-approach sinus lifts). Cartridges are available in various sizes and are used in conjunction with NovaBone®'s cartridge delivery system; each cartridge holds 0.25 to 0.5 cc's of putty.

NovaBone® Putty significantly simplifies bone graft handling and delivery. It is ready to use and extremely user friendly. It is pre-mixed, cohesive, moldable, and adaptable. NovaBone® Putty is stable at room temperature, does not require refrigeration, has a 4-year shelf-life, and appears radiodense on radiographs.

NovaBone® Dental Putty & NovaBone® Morsels

The synthetic solution to bone regeneration



"It's *amazing* for vertical approach sinus lifts in conjunction with implant placement! It lifts the membrane more predictability than other graft materials I've used, and it's more apparent on the x-ray due to radiopacity. I'm very happy and impressed with NovaBone™! I now feel I have greater predictability with vertical approach sinus lifts, and I'm doing it in situations when I would have previously used a lateral window approach to the sinus lift. The results have been fantastic!"

> Scott Price, DDS Periodontist



Cartridges



0.25 сс	NA4640	(4 per box)
0.5 сс	NA3620	(2 per box)
0.5 cc	NA3660	(6 per box)

Cartridge Applicator Gun

NA4600 (Fits all cartridges)

NovaBone® Putty in Syringes



0.5 cc	NA1610	(1 per box)
1.0 cc	NA1611	(1 per box)
2.0 cc	NA1612	(1 per box)

NovaBone® Morsels is a particulate product made up of a crystalline composite calcium phosphosilicate (CPS). The particle size ranges from 0.5 mm - 1.0 mm with pore sizes ranging from 0.05 mm - 0.10 mm. The pore size results in slow and sustained resorption that is completed over a 12-18 month period. The morsels have an "osteostimulative" effect similar to NovaBone® Dental Putty.



not actual size

NovaBone® Morsels in Trays

1.3 cc	EU0820	(2 per box)
4.0 cc	EU0822	(2 per box)

Cytoplast™ RTM Collagen

Type I bovine collagen membrane



15 mm x 20 mm

RTM1520

(2 per box)



20 mm x 30 mm

| RTM2030

(2 per box)



30 mm x 40 mm

RTM3040

(2 per box)





"...I am impressed with its handling, but most importantly, I am impressed with its results."

Jerald Rosenberg, DMD
Periodontist

MANUFACTURED FROM HIGHLY PURIFIED TYPE 1 BOVINE ACHILLES TENDON

Safe for the patient

26 - 38 WEEK RESORPTION TIME

Long predictable resorption time limits the risk of particle loss due to premature resorption

HIGH TENSILE STRENGTH

You can suture or tack the membrane in place without tearing

CELL OCCLUSIVE

Prevents epithelial down growth

OPTIMIZED FLEXIBILITY

Stiff enough for easy placement, yet easily drapes over ridge



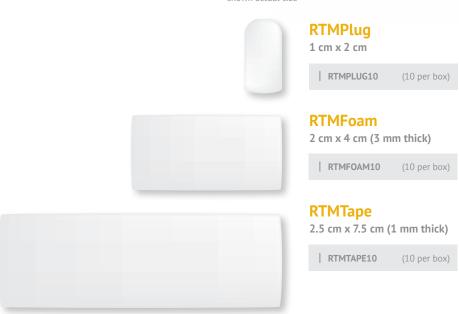
Reconstituted fiber construction allows tissue integration while preventing direct passage of epithelial cells.

Cytoplast™ RTMPlug, RTMFoam, & RTMTape

Absorbable Wound Dressing | Type I & Type III bovine collagen



shown actual size





Wound dressings will be essentially resorbed within 30 days

APPLICATIONS

- · Surgical wounds
- · Periodontal surgical wounds
 - · Extraction sites
 - · Dental sores
- · Oral ulcers (non-infected or viral)
 - · Suture sites
 - · Burns
 - · Traumatic wounds



box) Vitala mini

15 mm x 20 mm
| VIT1520 (1 per box)

13 mm x 25 mm | VIT1325 (1 per box)

20 mm x 30 mm | VIT2030 (1 per box)

| VIT2030 (1 per box)

30 mm x 40 mm

| VIT3040 (1 per box)



NATURAL

Manufactured using a proprietary protocol designed to maintain the natural, microporous, 3-layered architecture of the tissue without the need for cross-linking chemicals and agents

DURABLE

Designed to resist tearing during placement, Vitala® is naturally strong

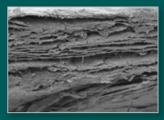
ADAPTABLE

The natural collagen structure provides a unique combination of supple handling and ideal defect adaptability. Because both sides are smooth, either side may be placed against the defect



"I have used Vitala™ membranes for larger GBR procedures and I really like the *ease of use*, *the drapeability/ no memory structure*, but still has the strength to allow tacking the membrane without tearing. Thus far, the regenerative results have been very promising."

Samir Shah, DMD
Periodontist



1000x magnification



Excellent tensile strength



Supple and flexible

Zmatrix™

Porcine peritoneum collagen membrane | Substantially resorbed in 26 weeks



"I have used many easy-to-adapt materials. The Zmatrix[™] works well in about any procedure where this type of barrier would be appropriate. It has superior **handling characteristics** and stays in place once adapted."

> Joseph Marchi, DMD Periodontist

A perfectly soft consistency that drapes without the usual self-adherence experienced with other natural collagen membranes.



NATURAL, NATIVE COLLAGEN MEMBRANE

Zmatrix[™] is a natural, native collagen membrane; cross-linking chemicals and agents are unnecessary. Proprietary processing technology allows preservation of collagen as well as extracellular components including laminin, fibronectin, elastin, and glycosaminoglycans.*

EASY TO HANDLE

Designed to drape without adhering to itself

ELASTIC

Natural peritoneum collagen structure allows for elasticity

*Hoganson DM, Owens GE, O'Doherty EM, Bowley CM, Goldman SM, Harilal DO, Neville CM, Kronengold RT, Vacanti JP. Preserved extracellular matrix components and retained biological activity in decellularized porcine mesothelium. Biomaterials. 2010, 27: 6934-6940.



Bioresorbable matrix barrier



P3 - Matrix Barrier

15 mm x 20 mm

| **5090** (1 per box)



20 mm x 28 mm

5081 (1 per box)



shown actual size



MADE WITH POLYLACTIC ACID BLENDED WITH A CITRIC

Fully synthetic resorbable membrane that becomes malleable within seconds at body temperature, making it easy to handle and control clinically

PREDICTABLE RESORPTION

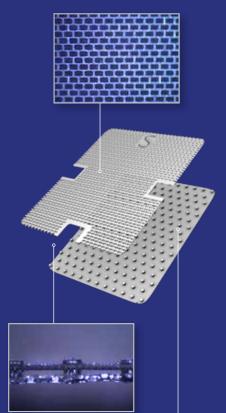
ACID ESTER

Designed to maintain a barrier function for a minimum of 6 weeks

MULTI-LAYER MATRIX DESIGN

Designed to help stabilize the membrane through tissue ingrowth into the matrix barrier after placement

External Layer: The external layer allows for gingival connective tissue cells to proliferate the matrix.



Inner (Empty) Space: The spacers maintain the inner (empty) space between the external and internal layers that allow the gingival connective tissue to integrate into the matrix and create the best conditions for regeneration.



Internal Layer: Minute perforations in the internal layer prevent passage of the gingival connective tissue. This innovative design allows nutrients and oxygen to permeate, enabling precise quided tissue and bone regeneration.

Cytoplast[™] TXT-200 & TXT-200 Singles

Micro-textured, high-density PTFE membrane



"I always know, *in advance*, the results of my bone grafting when I use Cytoplast™ TXT-200 as a membrane. *Why bother with other membranes?*"

Mark Cohen, DDS
Periodontist



The patented Regentex™ surface helps stabilize the membrane and the soft tissue flap. Hexagonal surface dimples provide a textured surface that increases the area available for cellular attachment without increasing porosity. U.S. Patent #5,957,690









TXT-200 Singles

12 mm x 24 mm

| TXT1224-1 (1 per box)

TXT-200

25 mm x 30 mm

| **TXT2530-1** (1 per box)

| **TXT2530** (4 per box)

NON-RESORBABLE

Won't resorb prematurely – you dictate healing time

100% DENSE (NON-EXPANDED) PTFE

Impervious to bacteria (pore size less than 0.3 µm) Data on file

PURPOSELY LEAVE THE MEMBRANE EXPOSED

Preservation of the soft tissue architecture and keratinized mucosa

SOFT TISSUE ATTACHES, BUT DOESN'T GROW THROUGH THE MEMBRANE

Exposed membrane allows for non-surgical removal; no anesthesia required

HEXAGONAL DIMPLES INCREASE SURFACE AREA

Designed to increase membrane stabilization



Ridge Preservation Kit: Cytoplast™ Technique

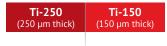
| KITRPCT

- (1) enCore® 70/30 Combination Allograft 0.5 cc
- (1) Cytoplast™ TXT-200 Single
- (1) Cytoplast™ PTFE Suture USP 3/0; 16 mm RC needle



Cytoplast™ Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane



ANL

12 mm x 24 mm

Ti250ANL-1	Ti150ANL-1	(1 per box)
Ti250ANL-2	Ti150ANL-2	(2 per box)

Designed for narrow single-tooth extraction sites, especially where one bony wall is missing

ANL₃₀

12 mm x 30 mm

Ti250ANL30-1	(1 per box)
Ti250ANL30-2	(2 per box)

Designed for narrow single-tooth extraction sites, especially where one bony wall is missing

PS

20 mm x 25 mm

Ti250PS-1	Ti150PS-1	(1 per box)
Ti250PS-2	Ti150PS-2	(2 per box)

Designed for large extraction sites and limited ridge augmentation

PL

25 mm x 30 mm

Ti250PL-1	Ti150PL-1	(1 per box)
Ti250PL-2	Ti150PL-2	(2 per box)

Designed for large bony defects, including ridge augmentation

VERSATILE RECTANGULAR SHAPES

These configurations can be trimmed to fit a variety of defects.

Shown actual size.









Cytoplast™ Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane



VERSATILE RECTANGULAR SHAPES

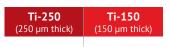
These configurations can be trimmed to fit a variety of defects. Shown actual size.







*Ti-150 membranes are 40% thinner than Ti-250 membranes, providing clinicians another handling option in $Cytoplast^{TM}$ Titanium-Reinforced Membranes.



XL

30 mm x 40 mm

Ti250XL-1	Ti150XL-1	(1 per box)
Ti250XL-2	Ti150XL-2	(2 per box)

Designed for very large bony defects, including ridge augmentation

XLK

30 mm x 40 mm

Ti250XLK-1	Ti150XLK-1	(1 per box)
Ti250XLK-2	Ti150XLK-2	(2 per box)

Designed for very large bony defects, including ridge augmentation

K2

40 mm x 50 mm

Ti250K2-1	Ti150K2-1	(1 per box)
Ti250K2-2	Ti150K2-2	(2 per box)

Designed for the largest bony defects, including ridge augmentation



Cytoplast[™] Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane

Ti-150

(150 µm thick)

AS

14 mm x 24 mm

Ti-250

(250 µm thick)

Ti250AS-1	Ti150AS-1	(1 per box)
Ti250AS-2	Ti150AS-2	(2 per box)

Designed for single-tooth extraction sites, especially where one or more bony walls are missing

ATC

24 mm x 38 mm

Ti250ATC-1	Ti150ATC-1	(1 per box)
Ti250ATC-2	Ti150ATC-2	(2 per box)

Designed for large extraction sites, including ridge augmentation

PTC

38 mm x 38 mm

Ti250PTC-1	Ti150PTC-1	(1 per box)
Ti250PTC-2	Ti150PTC-2	(2 per box)

Designed for large bony defects, including ridge augmentation

PD

38 mm x 38 mm

Ti250PD-1	Ti150PD-1	(1 per box)
Ti250PD-2	Ti150PD-2	(2 per box)

Designed for large bony defects, including distal extension of the posterior ridge

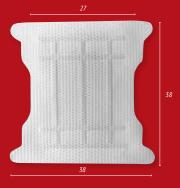
Dimensional measurements shown in mm. Width measurements noted at widest point and narrowest point. Shown actual size.

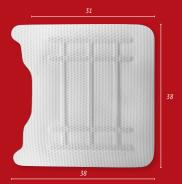
INTERPROXIMAL SHAPES

These configurations are designed to fit between existing teeth.









Cytoplast™ Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane

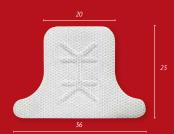
Dimensional measurements shown in mm. Width measurements noted at widest point and narrowest point. Shown actual size.

SHAPES WITH FIXATION POINTS

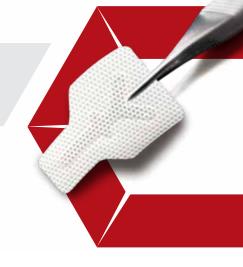
These configurations are designed with fixation points outside of the defect area.











Ti-250	Ti-150
(250 μm thick)	(150 μm thick)

BL

17 mm x 25 mm

Ti250BL-1	Ti150BL-1	(1 per box)
Ti250BL-2	Ti150BL-2	(2 per box)

Designed for large buccal defects

BLL

17 mm x 30 mm

Ti250BLL-1	Ti150BLL-1	(1 per box)
Ti250BLL-2	Ti150BLL-2	(2 per box)

Designed for large buccal defects

PST

36 mm x 25 mm

Ti250PST-1	Ti150PST-1	(1 per box)
Ti250PST-2	Ti150PST-2	(2 per box)

Designed for large extraction sites and limited ridge augmentation in the anterior maxilla

PLT

41 mm x 30 mm

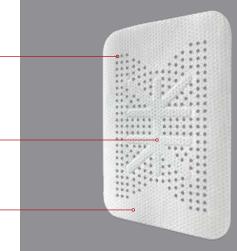
Ti250PLT-1	Ti150PLT-1	(1 per box)
Ti250PLT-2	Ti150PLT-2	(2 per box)

Designed for large bony defects, including ridge augmentation in the anterior maxilla



Reinforced PTFE mesh

Hybrid Approach: Adaptability of a membrane with the porosity of a mesh



CIRCULAR MACROPORES

Allow direct contact between the bone graft and periosteum, allowing naturally occurring revascularization and infiltration of cells into the bone graft

TITANIUM FRAME

Maintains space essential for horizontal and vertical ridge augmentation

PTFE MESH

Easily conforms to tissue contours

PS

20 mm x 25 mm

RPM200PS

(1 per box)

Designed for large extraction sites and limited ridge augmentation

PL

25 mm x 30 mm

RPM200PL

(1 per box)

Designed for large bony defects, including ridge augmentation

XLK

30 mm x 40 mm

RPM200XLK

(1 per box)

Designed for very large bony defects, including ridge augmentation

XLKM (mandible)

30 mm x 40 mm

RPM200XLKM

(1 per box)

Designed for very large bony defects, including mandibular ridge augmentation NOTE: Non-perforated region is designed for lingual aspect

VERSATILE RECTANGULAR SHAPES

These configurations can be trimmed to fit a variety of defects. Shown actual size









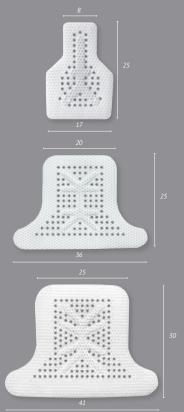
RPM™

Reinforced PTFE mesh





SHAPES WITH FIXATION POINTS





XL

30 mm x 40 mm

RPM200XL

(1 per box)

Designed for very large bony defects, including ridge augmentation

K₂

40 mm x 50 mm

| RPM200K2

(1 per box)

Designed for the largest bony defects, including ridge augmentation

BL

17 mm x 25 mm

| RPM200BL

(1 per box)

Designed for large buccal defects

PST

36 mm x 25 mm

| RPM200PST

(1 per box)

Designed for large extraction sites and limited ridge augmentation in the anterior maxilla

PLT

41 mm x 30 mm

RPM200PLT

(1 per box)

Designed for large bony defects, including ridge augmentation in the anterior maxilla



Reinforced PTFE mesh



ATC

24 mm x 38 mm

RPM200ATC

(1 per box)

Designed for large extraction sites, including ridge augmentation

ATCM (mandible)

24 mm x 38 mm

RPM200ATCM

(1 per box)

Designed for large extraction sites, including mandibular ridge augmentation NOTE: Non-perforated region is designed for lingual aspect

PTC

38 mm x 38 mm

RPM200PTC

(1 per box)

Designed for large bony defects, including ridge augmentation

PTCM (mandible)

38 mm x 38 mm

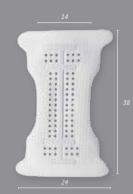
RPM200PTCM

(1 per box)

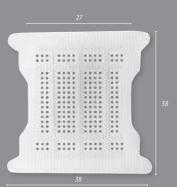
Designed for large bony defects, including mandibular ridge augmentation NOTE: Non-perforated region is designed for lingual aspect Dimensional measurements shown in mm.
Width measurements noted at widest point
and narrowest point. Shown actual size.

INTERPROXIMAL SHAPES

These configurations are designed to fit between existing teeth.





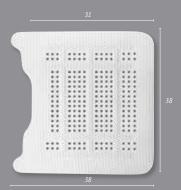




RPM™

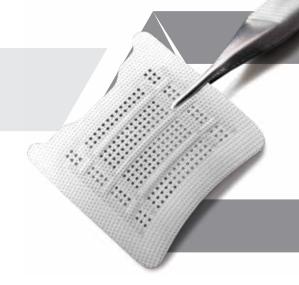
Reinforced PTFE mesh

INTERPROXIMAL SHAPES









PD

38 mm x 38 mm

RPM200PD

(1 per box)

Designed for large bony defects, including distal extension of the posterior ridge

PDMR (mandible right)

38 mm x 38 mm

RPM200PDMR

(1 per box)

Designed for large bony defects, including distal extension of the right posterior mandibular ridge NOTE: Non-perforated region is designed for lingual aspect

PDML (mandible left)

38 mm x 38 mm

RPM200PDML

(1 per box)

Designed for large bony defects, including distal extension of the left posterior mandibular ridge NOTE: Non-perforated region is designed for lingual aspect

Osteo-Mesh™ TM-300

Titanium nitride-coated mesh

shown actual size

25 mm x 34 mm (provided non-sterile)

TM2534

(1 per box)



45 mm x 45 mm

(provided non-sterile)

TM4545

(1 per box)



ULTRA-THIN; 0.2 MM THICK

Easier to get primary closure

0.5 MM PORE SIZE

Contains most graft materials

SAFE, HIGHLY INERT, NON-REACTIVE, NON-STICK NITRIDE COATING

- · Improves tissue release upon removal
- · High coating density with no pores to hold contaminants
- · Will not stain or corrode
- · Withstands acids, bases, solvents, and high temperatures
- · Outstanding wear resistance

REPEATEDLY STERILIZED BY AUTOCLAVE

Unused portions are not wasted



Pore size of 0.5 mm contains graft material while allowing tissue ingrowth.

Cytoplast™ PTFE Suture

The soft monofilament suture





All Cytoplast™ Sutures are 12 per box

18" Undyed 28" Undyed	Precision RC 19 mm	2/0 USP	CS0418 CS0428
18" Undyed 28" Undyed	Precision RC 16 mm	3/0 USP	CS0518 CS0528
18" Undyed 28" Undyed	Precision RC 19 mm	3/0 USP	CS051819 CS052819
18" Undyed 28" Undyed	RC 16 mm black needle	3/0 USP	CS0518BK CS0528BK
18" Undyed 28" Undyed	RC 19 mm black needle	3/0 USP	CS051819BK CS052819BK
18" Undyed 28" Undyed	TP 13 mm	4/0 USP	CS0618PERIO CS0628PERIO
18" Undyed 28" Undyed	Precision RC 13 mm	4/0 USP	CS0618PREM CS0628PREM
18" Undyed 28" Undyed	Precision RC 16 mm	4/0 USP	CS0618RC CS0628RC
18" Undyed 28" Undyed	Precision RC 13 mm	5/0 USP	CS071813 CS072813
18" Undyed 28" Undyed	Precision RC 16 mm	5/0 USP	CS071816 CS072816

NEEDLE CODE DETAIL





100% MEDICAL GRADE PTFE

Biologically inert

MONOFILAMENT

Doesn't wick bacteria

SOFT (NOT STIFF)

Comfortable for patients

LITTLE TO NO PACKAGE MEMORY

Excellent handling, knots securely

NON-RESORBABLE

Keeps the surgical site reliably closed



Resorba® Glycolon™

Absorbable, Monofilament

Violet HRT 18 mm 4/0 USP | OD01101 Violet DSM 16 mm 4/0 USP | OD01201 Violet **DSM** 18 mm 4/0 USP | OD01203 Violet DSM 13 mm black needle 5/0 USP I OD01210 Violet DSM 16 mm black needle 5/0 USP | OD01211 Violet DSM 18 mm black needle 5/0 USP | OD01212 | OD01300 Violet GR 22 mm black needle | OD01100 Violet HRT 16 mm 5/0 USP Violet DSM 16 mm 5/0 USP | OD01214 Undyed DSM 18 mm 5/0 USP | OD01202 | OD01200 Undyed DSM 13 mm 6/0 USP Violet DSM 13 mm 6/0 USP | OD01213 **MICRO SUTURE:** Violet HRT 10 mm 6/0 USP | OD01102

NEEDLE CODE DETAIL

STRAIGHT ROUND-BODIED



for 11-13 days. In Vivo data on file

"I like it so much that if I ask for a suture, my staff doesn't need to ask what I want...they know it's **6-0 Glycolon™.** Can't beat that."

> Israel Puterman, DMD, MSD Periodontist

"Hands down my favorite *resorbable sutures*; very easy to handle, **so clean on post ops**, also time with good tensile strength. Last, but not least, it looks so

> Thaer Algadoumi, DDS Periodontist

Resorba[®] PGA Resorba[™]

Absorbable, Multifilament



Violet	HRT 18 mm	4/0 USP	OD03100
Violet	DSM 18 mm	4/0 USP	OD03202
Violet	ART 25 mm	4/0 USP	OD03600
Violet	HR 17 mm	5/0 USP	OD03500
Violet	DS 18 mm	5/0 USP	OD03400
Violet	DSM 13 mm	5/0 USP	OD03201
Violet	DSM 13 mm	6/0 USP	OD03200
MICRO SUT	URE:		
Violet	HRT 10 mm	5/0 USP	OD03103
Violet Violet	HRT 10 mm	5/0 USP	OD03103 OD03701
			•
Violet	HSM 10 mm	6/0 USP	OD03701
Violet	HSM 10 mm	6/0 USP	OD03701 OD03700
Violet Violet Violet	HSM 10 mm HSM 10 mm DSM 11 mm	6/0 USP 6/0 USP 6/0 USP	OD03701 OD03700 OD03203
Violet Violet Violet Violet	HSM 10 mm HSM 10 mm DSM 11 mm HRT 10 mm	6/0 USP 6/0 USP 6/0 USP	OD03701 OD03700 OD03203 OD03101 OD03205

	7 (0 CIDCLE DDENIUM DEVEDCE CUTTING	
JSM	3/8 CIRCLE PREMIUM REVERSE CUTTING	
DS	3/8 CIRCLE STANDARD REVERSE CUTTING	
HRT	1/2 CIRCLE ROUND-BODIED CUTTING	
HR	1/2 CIRCLE ROUND-BODIED	
HSM	1/2 CIRCLE PREMIUM REVERSE CUTTING	
A DT	ASYMPTOTIC ROUND-BODIED CUTTING	



Resorba[®] Resolon[™]

Non-Absorbable, Monofilament

Resolon™ is initially like traditional nylon sutures until it undergoes a proprietary treatment process that results in a softer and more supple version of a nylon suture. Resolon™ provides clinicians a non-absorbable monofilament suture option that does not wick bacteria and has superior handling characteristics when compared to traditional nylon sutures.

Blue	DSM 13 mm	4/0 USP	OD13202
Blue	DSM 16 mm	4/0 USP	OD13205
Blue	DSM 18 mm	4/0 USP	OD13207
Blue	DSM 16 mm black needle	4/0 USP	OD13215
Blue	HS 18 mm	5/0 USP	OD13700
Blue	DSM 13 mm	5/0 USP	OD13201
Blue	DSM 16 mm	5/0 USP	OD13204
Blue	DSM 18 mm	5/0 USP	OD13206
Blue	DSM 13 mm black needle	5/0 USP	OD13213
Blue	DSM 16 mm black needle	5/0 USP	OD13214
Blue	DSM 13 mm	6/0 USP	OD13200
Blue	DSM 16 mm	6/0 USP	OD13203
Blue	DSM 13 mm black needle	6/0 USP	OD13212
MICRO SUTUR	RE:		

NEEDLE CODE DETAIL

DSM 3/8 CIRCLE PREMIUM REVERSE CUTTING

Blue

IS 1/2 CIRCLE STANDARD REVERSE CUTTING



DSM 13 mm black needle 7/0 USP | **OD13211**



Resorba® Resolon Twist™

Non-Absorbable, Pseudo-Monofilament



Undyed	HRT 18 mm	3/0 USP	OD12100
Undyed	HS 15 mm	4/0 USP	OD12700
Undyed	DSM 16 mm	4/0 USP	OD12200
Undyed	DSM 18 mm	4/0 USP	OD12201
Undyed	DSM 18 mm black needle	4/0 USP	OD12210

HRT 1/2 CIRCLE ROUND-BODIED CUTTING





Pro-Fix[™] Membrane Fixation

Precision Fixation System

Tray and organizer dial are designed to store all Pro-fix[™] components including up to 100 membrane fixation, tenting, and bone fixation screws. Blades are designed to work universally with all Pro-fix™ membrane

fixation, tenting, and bone fixation screws.

Membrane Fixation Kit PFMK20

Autoclavable Tecapro™ storage tray w/ screw organizer dial

Stainless steel driver handle

76 mm cruciform driver blade

56 mm cruciform driver blade

(20) 1.5 x 3 mm self-drilling membrane fixation screws

Pro-fix™ Membrane Fixation Screws are designed as an attractive alternative to using tacks for membrane stabilization. Easy pick-up, solid stability of the screw during transfer to the surgical site, and easy placement make membrane fixation fast and easy.



Self-Drilling Membrane Fixation Screws

1.5 mm x 3 mm

PFMF-5	(5 per box)
PFMF-10	(10 per box)
PFMF-20	(20 per box)



Individual Components

Stainless Steel Driver Handle	PFDH
76 mm Cruciform Driver Blade	PFDB
56 mm Cruciform Driver Blade	PFDB56
24 mm Contra Angle Blade (10 mm exposed distal length)	PFDBCA
1.2 mm diam. Latch Type Pilot Drill	PFPD
Autoclavable Tecapro™ storage tray	PFT



Pro-Fix™ Tenting

Precision Fixation System

Pro-fix™ Tenting Screws are designed with a self-drilling tip, polished neck, and broader head to maintain space under resorbable and non-resorbable membranes in horizontal and v ertical bone regeneration procedures.





Tenting Kit

PFTK12

Autoclavable Tecapro™ storage tray w/ screw organizer dial

Stainless steel driver handle

76 mm cruciform driver blade

56 mm cruciform driver blade

(4) 1.5 x 3 mm self-drilling tenting screws (7 mm total length)

(4) **1.5 x 4 mm self-drilling tenting screws** (8 mm total length)

(4) **1.5 x 5 mm self-drilling tenting screws** (9 mm total length)

For individual Pro-Fix™ driver and container components, see opposite page.



Self-Drilling Tenting Screws

1.5 mm x 3 mm polished neck

+ 4 mm threaded portion = 7 mm total

PFT3 (1 per box) PFT3-5 (5 per box)

1.5 mm x 4 mm polished neck

+ 4 mm threaded portion = 8 mm total

PFT4 (1 per box) PFT4-5 (5 per box)

1.5 mm x 5 mm polished neck

+ 4 mm threaded portion = 9 mm total

PFT5 (1 per box) PFT5-5 (5 per box)



actual size





Fully Threaded Self-Drilling Tenting Screws

1.5 mm x 8 mm

| PFT8 (1 per box)

1.5 mm x 10 mm

PFT10 (1 per box)



Pro-Fix[™] Bone Fixation

Precision Fixation System

Pro-fix™ Bone Fixation Screws are designed with finer pitched, self-tapping threads that give the screws greater clamping force while using less driver torque. The screws' threads are equipped with a cutting flute that allows for easier insertion into harder bone. The screws are placed into a 1.2 mm pre-drilled pilot hole.



Bone Fixation Kit

PFBK12

Autoclavable Tecapro™ storage tray w/ screw organizer dial

Stainless steel driver handle

76 mm cruciform driver blade

56 mm cruciform driver blade

1.2 mm diameter latch type pilot drill

(2) 1.5 x 8 mm bone fixation screws

(4) 1.5 x 10 mm bone fixation screws

(4) 1.5 x 12 mm bone fixation screws

(2) 1.5 x 14 mm bone fixation screws

For individual Pro-Fix TM driver and container components, see page 32.

Self-Tapping Bone Fixation Screws

1.5 mm x 8 mm



1.5 mm x 10 mm

PFB10	(1 per box)		
PFB10-5	(5 per box)	-immuno)	actual size
1.5 mm x 12 n	nm		

	PFB12	(1 per box)	
	PFB12-5	(5 per box)	-08
1.5 mm x 14 mm			

PFB14	(1 per box)
PFB14-5	(5 per box)

Master-Pin-Control

Revolutionary hybrid pin system





Master-Pin-Control

BMP00

(34) **Pins**

Master-Pin-Tray

Screw Driver For Pin Removal

Fixation Holder

Initial Bur

Twist Drills: (2) 0.6 mm twist drills, (2) 0.8 mm twist drills



Master-Pin-Control Basic

BMPBA

(10) Pins

Master-Pin-Tray

Screw Driver For Pin Removal

Fixation Holder

Initial Bur

Twist Drills: (2) 0.6 mm twist drills, (2) 0.8 mm twist drills

Master-Pin Longer Screw Driver

Designed to make pin removal easier in hard to reach areas



MP15

(1 per box)

The Master-Pin-Control Bone Management® system is used for the fixation of membranes (absorbable and non-absorbable) in order to avoid micro-mobility of the graft. The pins have an extremely sharp tip that allows precise placement into cortical bone. Mini-threads on the pins make them a hybrid of a screw and pin. The threads on the pins increase the surface area of the shaft, resulting in pin stability, while also making removal of the pins possible with the included screwdriver.

Replacement Pins



| MP10 (10 per box) | MP50 (50 per box) | MP100 (100 per box)

Decortication Bur

1.2 mm diameter x 4.0 mm long decortication bur with drill stop



203S-012-RA

(2 per box)

NEW

Master-Mill & Master-Core System



Master-Mill

| BKM00



Master-Core Professional

BMCPR

(20 Trephines)



Master-Core-Basic

BMCBA

(10 Trephines)



The Master-Core System contains trephines with selected lengths and diameters for a safe and simple extraction of bone cylinders. The different trephines included in the system have diameters of 3.0 mm, 5.0 mm, and 7.0 mm and are 3.0 mm to 8.0 mm in length. The trephines are equipped with automatic depth stops, which offer maximum safety and flexibility while saving anatomical structures. Due to the black coating and depth markings on the working parts the user can work without plane.

Swann-Morton®

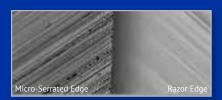
Premium Micro-Serrated Blades

SWANN MORTON ENGLAND B.S.

"The Swann-Morton® blades have several advantages: First they cut, and they cut clean and easy. Secondly, their shape is perfect. The 15c is like a microsurgical blade, cutting precisely with its spiky tip. The 15 blade has a long, perfectly angulated blade that can be used very safely for eliminating periosteal bundles around the nerve. I use the 15 blade for this and for cutting through the periosteum on the third zone of the lingual flap."

> Istvan Urban, DMD, MD, PhD Periodontist Oral and Maxillofacial Surgeon

SWANN-MORTON® BLADE EDGE DESIGN



Unique cutting-edge design delivers a consistently sharp blade.

COMPETITOR BLADE EDGE DESIGN



While initially sharp, this edge can deteriorate faster.



SMOOTH RAZOR EDGE SUPPORTED BY A MICRO-SERRATED EDGE

Maintains a consistently sharp blade

EDGE DESIGN DELIVERS A TACTILE SENSITIVITY

Improves depth control while providing equal, smooth tissue margins

Micross

Minimally invasive cortical bone collector

not actual size



4049

(1 sterile scraper per package)

APPLICATIONS

- · Extraction defects
- · Periodontal defects
- · Sinus lift procedures

HARVESTING SITES

- · Oblique external line with tunnel
- · Lingual bone
- · Sinus window
- Palate
- · Zygomatic area with tunnel
- · Small areas near the defect

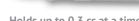


The cannula's 5 mm external diameter allows the Micross to be easily inserted into tissue tunnels.

Smartscraper

Cortical bone collector and syringe in one

not actual size



Holds up to 0.3 cc at a time

4890

(3 sterile scrapers per package)

APPLICATIONS

- · Extraction defects
- · Periodontal defects
- · Sinus lift procedures
- · Ridge augmentation

HARVESTING SITES

- · Oblique external line with tunnel
- · Ramus
- · Mandibular symphysis
- · Sinus window
- · Lingual bone
- · Zygomatic area
- · Nasal spine
- · Palate
- · Small areas near the defect





The Smartscraper is opened with a simple movement. The syringe, in which the bone particulate has been collected, can then be used to place graft directly into areas with limited access.

Safescraper® Twist - Curve Version

Versatile cortical bone collector



Holds up to 2.5 cc at a time

3987

(3 sterile scrapers per package)

"This unit works really well and has nice contours to use in difficult harvesting sites."

Tom Faerber, DMD Oral and Maxillofacial Surgeon

APPLICATIONS

- Extraction defects
- · Periodontal defects
- · Sinus lift procedures
- · Ridge augmentation

HARVESTING SITES

- · Oblique external line with tunnel
- · Ramus
- · Mandibular symphysis
- · Sinus window
- · Lingual bone
- · Zygomatic area
- · Nasal spine
- · Palate
- · Small areas near the defect

A 160° blade allows clinicians to collect bone from any bony surface.





The Safescraper® Twist's transparent chamber holds up to 2.5 cc of bone that can be used alone or mixed in combination with other graft materials.

ERGONOMIC DESIGN

Cortical bone harvesting is easily achieved from intraoral sites with a minimally invasive approach

2.5 CC COLLECTION CHAMBER

Large amounts of bone may be collected at once

BONE IS COLLECTED WITH COAGULATED BLOOD

Graft has high biological plasticity, making it easy to handle and mold

SUPERIOR HARVESTING METHOD

The manual harvesting technique allows graft to retain cell viability that can be compromised with other harvesting techniques that mill, grind, or potentially overheat bone

SAFE

The disposable scraper is sterile and allows clinicians to harvest autogenous bone, which eliminates any chance of disease transmission

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