OSTEOGENICS

REGENERATION PRODUCTS CATALOG

www.osteogenics.com | 888.796.1923

UNRIVALED
REGEN SOLUTIONS

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, Inc. 4620 71st Street | Building 78-79 Lubbock, TX 79424

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:

Save with our Standard Bulk Discounts!

Buy 5, Get 1 FREE | Buy 12, Get 3 FREE | Buy 30, Get 10 FREE* on all products except Pro-Fix™ kits, Meisinger kits, Master-Mill, and Hu-Friedy instruments.

**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 Dollars.

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. Osteogenics also provides a warranty against defects in materials and workmanship on all Pro-Fix™ Precision Fixation System instrumentation for a period of 3 years from date of purchase. Call customer service at 1.888.796.1923 for return authorizations.

OSTEOGENICS

TABLE OF CONTENTS

• *New Items Available*

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

NEW

Cytoplast MicroDerm™

Acellular dermal matrix with surface micro-cuts

Dual-sided cross-hatching to increase surface area

Micro-cut channels shorten pathways for vascularization and increase tissue surface area available for attachment.

BENEFITS OF MICRO-CUTS

- Increased surface area at the graft-to-host interface[1]
- Increased cellular infiltration[1]
- Increased hydrophilicity of graft
- Hydrates in 60 seconds
- Ease of trimming and suture placement

TECHNICAL SPECIFICATIONS

- Acellular dermis meets or exceeds all FDA and AATB guidelines for safety
- Terminally sterilized to a SAL of 10^{-6}
- Packaged dehydrated
- No antibiotics, no rinsing
- Not side specific

Case Photos Provided by
Shaun Rotenberg, DMD, MS

1. Pre-op
2. Cytoplast MicroDerm™ placed
3. Sutured
4. Two weeks post-op
5. One year post-op

Site treated with Cytoplast MicroDerm™ via a vestibular tunnel access approach and sutured with Glycolon™.

1. Marinelli et al. Histologic Evaluation of Wound-Bed Preparedness Following Microsurfaced Skin Grafts for the Treatment of Deep Burn Wounds: Results from a Randomized Controlled Trial. Poster presented at 2023 AMSUS Annual Meeting; February 13, 2023; National Harbor, MD.

Cytoplast MicroDerm™

Acellular dermal matrix with surface micro-cuts

NEW

hydrated

"The ***early healing*** and ***soft tissue appearance*** is really ***where Cytoplast MicroDerm™ shines***. Tissue never looks this good so early on with traditional allograft."

Shaun Rotenberg
Periodontist

shown actual size

Thickness = 1.2 mm +/-0.2 mm

1 cm x 1 cm

| **CMD1010** (1 per box)

1 cm x 2 cm

| **CMD1020** (1 per box)

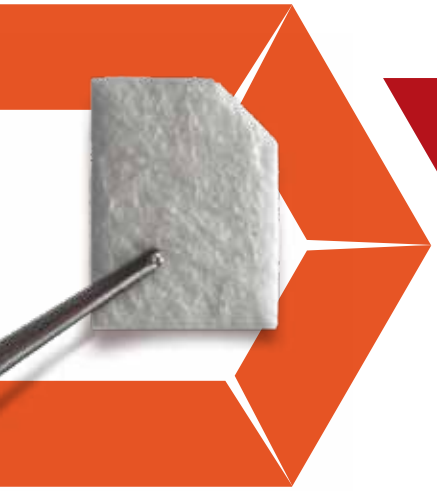
1 cm x 4 cm

| **CMD1040** (1 per box)

2 cm x 4 cm

| **CMD2040** (1 per box)

After hydration, Cytoplast MicroDerm™ becomes soft and pliable.



NEW

Zderm™

Collagen Soft Tissue Matrix

A NEW SOLUTION in SOFT TISSUE GRAFTING DESIGNED TO PERFORM WHEN LEFT EXPOSED*

	ZDERM	LEADING COMPETITOR
Easily handles when dry or hydrated	✓	X
Superior suture retention **strength**[1]	✓	X
Superior tissue **regeneration** at 12 weeks[2]	✓	X
Excellent handling after hydration (product images shown after 30 seconds of hydration)		

1. Suture Retention Strength: Zderm™ (1.67 +/- 0.29) vs. Leading Competitor (1.46 +/- 0.77)
2. Zderm vs. Mucograft Canine Keratinized Tissue Study data on file

PURPOSEFULLY ENGINEERED

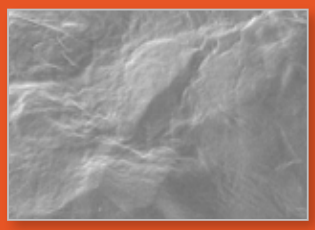
Zderm™ Collagen Soft Tissue Matrix is a cross-linked resorbable matrix engineered from highly purified Type I collagen fibers derived from porcine Achilles tendon.

The product is composed of two structures: a coated outer layer that acts as a barrier membrane and a porous matrix layer to allow cell invasion and tissue ingrowth. The product is oriented so that the porous layer is in contact with the host tissue to facilitate tissue integration.

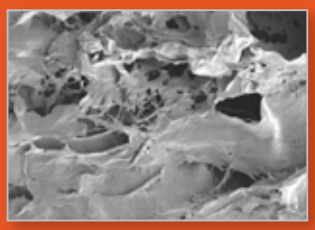
**Primary closure is not required for device performance. Complete wound closure should be attempted when possible.*

INDICATED for:

- *Soft tissue augmentation to increase keratinized tissue*
- *Soft tissue augmentation around implants*



Coated Surface
Magnification x100



Porous Matrix Surface
Magnification x100

Zderm™

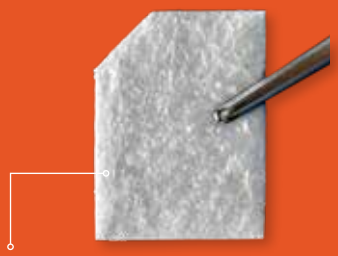
Collagen Soft Tissue Matrix

NEW

shown actual size

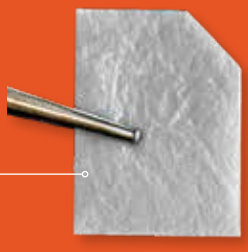
	Thick (4 - 5 mm)	Thin (1.5 - 3 mm)	
	**15 mm x 20 mm**		
	ZD1520TK	ZD1520TN	(1 per box)
	**20 mm x 30 mm**		
	ZD2030TK	ZD2030TN	(1 per box)
	**30 mm x 40 mm**		
	ZD3040TK	ZD3040TN	(1 per box)
	**Round 10 mm**		
	ZD10TK		(1 per box)

*The coated front layer should face outward, away from underlying bone. The porous back layer should face inward toward the bone. The front is identified by the location of the chamfer on the **upper left corner** when the Zderm™ is oriented vertically. For the round option, the front layer contains an impression.*



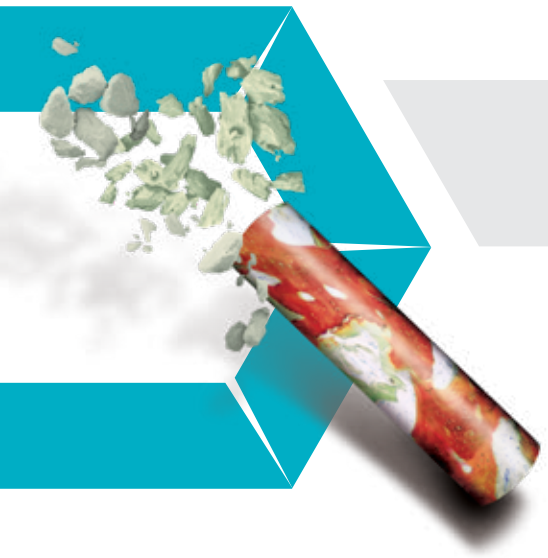
Front View

Coated outer layer that acts as a barrier membrane *- face outward*



Back View

Porous layer allows cell invasion and tissue ingrowth *- face inward*



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 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

BEST PRACTICES IN SAFETY

• Tissue processed by Allotech, an FDA-registered and AATB accredited tissue bank
• Single donor per lot
• 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

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®

Family of Allografts

NEW

enCore® Natural Blend Cortical & Cancellous Allograft

Cortical and Cancellous Allograft from a Single Donor

0.25 mm - 1.0 mm Particle Size

0.25 cc	NAT025	(1 per box)
0.5 cc	NAT050	(1 per box)
1.0 cc	NAT100	(1 per box)
1.5 cc	NAT150	(1 per box)
2.5 cc	NAT250	(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® Cortical Allograft

100% Cortical Allograft

0.25 mm - 1.0 mm Particle Size

0.25 cc	SMIN025	(1 per box)
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)

enCore® Cancellous Allograft

100% Cancellous Allograft

0.25 mm - 1.0 mm Particle Size

0.25 cc	MCAN025	(1 per box)
0.5 cc	MCAN050	(1 per box)
1.0 cc	MCAN100	(1 per box)
1.5 cc	MCAN150	(1 per box)
2.5 cc	MCAN250	(1 per box)

Zcore™

Porcine Xenograft Particulate

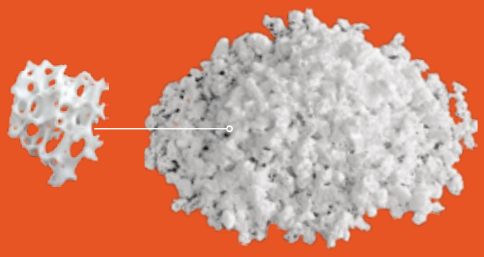
Zcore™ is an osteoconductive, porous, anorganic bone mineral with a carbonate apatite structure derived from porcine cancellous bone.

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

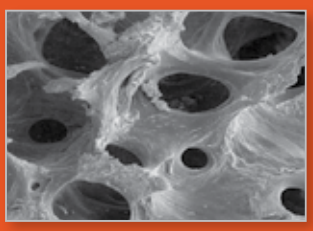
Derived from porcine cancellous bone, eliminating risk of BSE transmission

PROCESSED USING MINIMAL HEAT

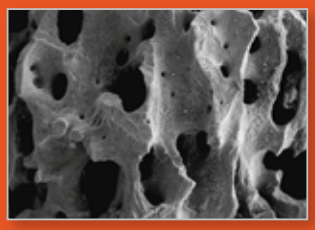
Heat treated to an optimal temperature that ensures a degree of crystallinity[1] consistent with native bone mineral to allow for remodeling of the healing bone

**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 cc	**ZY050**	(1 per box)

not actual size

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

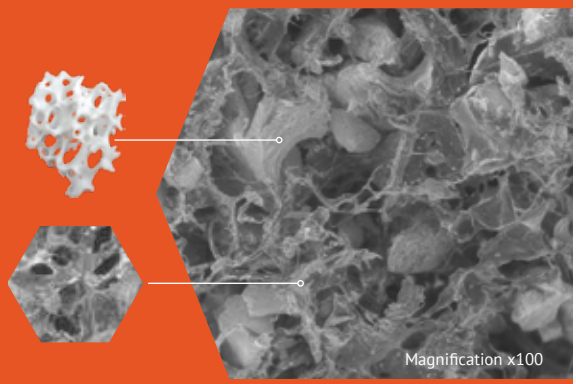
2.0 cc | **ZF200** (1 per box)

Zcore™ Form hydrates almost immediately when introduced to the patient's blood or sterile saline.

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.

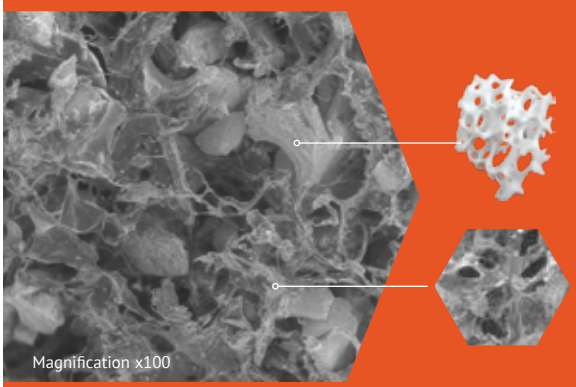


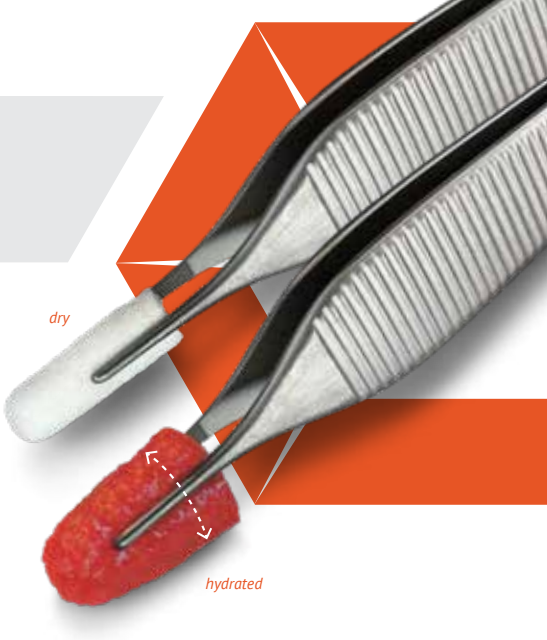
Zcore™ Expand

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.





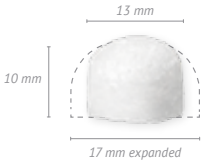
shown actual size

Socket

5 mm x 17 mm

10 mm x 17 mm EXPANDED

ZXSOCKET	(1 unit)
ZXSOCKET-5	(5 units)
ZXSOCKET-10	(10 units)
ZXSOCKET-20	(20 units)

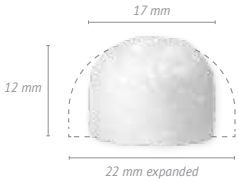


Small Sinus

13 mm diam. x 10 mm

17 mm x 10 mm EXPANDED

ZXSINUSS	(1 unit)



Large Sinus

17 mm diam. x 12 mm

22 mm x 12 mm EXPANDED

ZXSINUSL	(1 unit)

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.

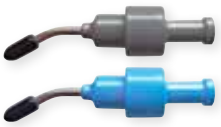
NovaBone® Dental Putty & NovaBone® Morsels

The synthetic solution to bone regeneration

NovaBone® Putty in Cartridges

Cartridges

0.25 cc	NA4640	(4 per box)
0.5 cc	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)

"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

NovaBone® Morsels in Trays

1.3 cc	EU0820	(2 per box)

not actual size

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.

Zmatrix™

Porcine peritoneum collagen membrane

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

shown actual size

15 mm x 20 mm

| ZM1520 (1 per box)

25 mm x 30 mm

| ZM2530 (1 per box)

30 mm x 40 mm

| ZM3040 (1 per box)

EASY HANDLING

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

HIGH TENSILE STRENGTH[1]

- 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

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

Cytoplast™ RTM Collagen

Type I bovine collagen membrane

shown actual size

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

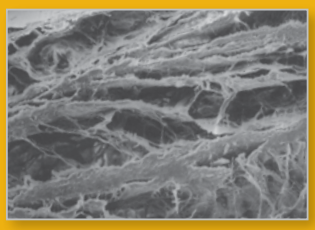
You can suture or tack the membrane in place without tearing

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

RTMPlug

1 cm x 2 cm

| RTMPLUG10 (10 per box)

RTMFoam

2 cm x 4 cm (3 mm thick)

| RTMFOAM10 (10 per box)

RTMTape

2.5 cm x 7.5 cm (1 mm thick)

| RTMTAPE10 (10 per box)

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

Cytoplast™ Technique

Ridge preservation without primary closure | U.S. Patent # 6,019,764

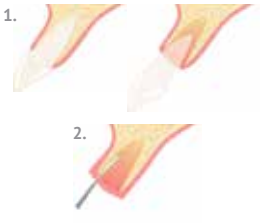
Cytoplast™ Technique Ridge Preservation Kit

| 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*



1. Preoperative view. To maximize the result of ridge preservation procedures, techniques designed to minimize trauma to the alveolar bone, such as the use of periotomes and surgical sectioning of ankylosed roots should be considered.

2. All soft tissue remnants should be removed with sharp curettage. Special care should be taken to remove all soft tissue at the apical extent of the socket of endodontically treated teeth. Bleeding points should be noted on the cortical plate. If necessary, decortication of the socket wall should be done with a #2 round burr to improve blood supply.

3. A subperiosteal pocket is created with a micro periosteal elevator or small curette, extending 3-5 mm beyond the socket margins on the palatal and the facial aspect of the socket. In the esthetic zone, rather than incising and elevating the interdental papilla, it is left intact and undermined in a similar fashion. The Cytoplast™ high-density PTFE membrane will be tucked into this subperiosteal pocket.

4. Particulate graft material can be placed into the socket with a syringe or with a curette. Ensure that the material is evenly distributed throughout the socket. However, the particles should not be densely packed to preserve ample space for blood vessel ingrowth.

5. The Cytoplast™ high-density PTFE membrane is trimmed to extend 3-5 mm beyond the socket walls and then tucked subperiosteally under the palatal flap, the facial flap and underneath the interdental papilla with a curette. The membrane should rest on bone 360° around the socket margins, if possible. Note that minimal flap reflection is necessary to stabilize the membrane.

6. Ensure that there are no folds or wrinkles in the membrane and that it lies passively over the socket. To prevent bacterial leakage under the membrane, take care to avoid puncturing the membrane, and do not overlap two adjacent pieces of membrane material.

7. The membrane is further stabilized with a criss-cross Cytoplast™ PTFE suture. Alternatively, interrupted sutures may be placed. The PTFE sutures, which cause minimal inflammatory response, are left in place for 10 to 14 days.

8. The membrane is removed, non-surgically, in 21 to 28 days. Sockets with missing walls may benefit from the longer time frame. Topical anesthetic is applied, then the membrane is grasped with a tissue forcep and removed with a gentle tug.

9. Studies have shown that by 21-28 days there is a dense, vascular connective tissue matrix in the socket and early osteogenesis is observed in the apical 2/3 of the socket.

10. Immediately following membrane removal, a dense, highly vascular, osteoid matrix is observed. The natural position of the gingival margin has been left intact because primary closure was not necessary. The dense PTFE membrane has contained the graft material and prevented epithelial migration into the socket.

11. The socket at 6 weeks. Keratinized gingiva is beginning to form over the grafted socket. The natural soft tissue architecture is preserved, including the interdental papillae. New bone is beginning to form in the socket. Over the next 6 to 10 weeks, increasing thickness of trabeculae and mineralization will result in load bearing bone suitable for implant placement.

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

shown actual size

MOST POPULAR SOCKET GRAFTING MEMBRANE

TXT-200 Singles

12 mm x 24 mm

TXT1224-1	(1 per box)
TXT1224	(10 per box)

TXT-200

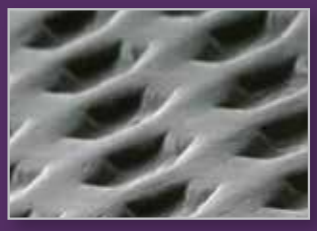
12 mm x 30 mm

TXT1230	(10 per box)

TXT-200

25 mm x 30 mm

TXT2530-1	(1 per box)
TXT2530	(4 per box)



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

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

Cytoplast™ Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane

Ti-250 (250 µm thick)	Ti-150 (150 µm thick)	
ANL		
12 mm x 24 mm		
Ti250ANL-N-1	Ti150ANL-N-1	(1 per box)
Ti250ANL-N-2	Ti150ANL-N-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-N-1		(1 per box)
Ti250ANL30-N-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-N-1	Ti150PS-N-1	(1 per box)
Ti250PS-N-2	Ti150PS-N-2	(2 per box)

Designed for large extraction sites and limited ridge augmentation

PL		
25 mm x 30 mm		
Ti250PL-N-1	Ti150PL-N-1	(1 per box)
Ti250PL-N-2	Ti150PL-N-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

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

VERSATILE RECTANGULAR SHAPES

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

	Ti-250 (250 µm thick)	Ti-150 (150 µm thick)	
XL			
30 mm x 40 mm			
	Ti250XL-N-1	Ti150XL-N-1	(1 per box)
	Ti250XL-N-2	Ti150XL-N-2	(2 per box)
Designed for very large bony defects, including ridge augmentation			
XLK			
30 mm x 40 mm			
	Ti250XLK-N-1	Ti150XLK-N-1	(1 per box)
	Ti250XLK-N-2	Ti150XLK-N-2	(2 per box)
Designed for very large bony defects, including ridge augmentation			
K2			
40 mm x 50 mm			
	Ti250K2-N-1	Ti150K2-N-1	(1 per box)
	Ti250K2-N-2	Ti150K2-N-2	(2 per box)
Designed for the largest bony defects, including ridge augmentation			

Cytoplast™ Titanium-Reinforced

Titanium-reinforced, high-density PTFE membrane

Ti-250 (250 µm thick)	Ti-150 (150 µm thick)	
AS		
14 mm x 24 mm		
Ti250AS-N-1	Ti150AS-N-1	(1 per box)
Ti250AS-N-2	Ti150AS-N-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-N-1	Ti150ATC-N-1	(1 per box)
Ti250ATC-N-2	Ti150ATC-N-2	(2 per box)

Designed for large extraction sites, including ridge augmentation

PTC		
38 mm x 38 mm		
Ti250PTC-N-1	Ti150PTC-N-1	(1 per box)
Ti250PTC-N-2	Ti150PTC-N-2	(2 per box)

Designed for large bony defects, including ridge augmentation

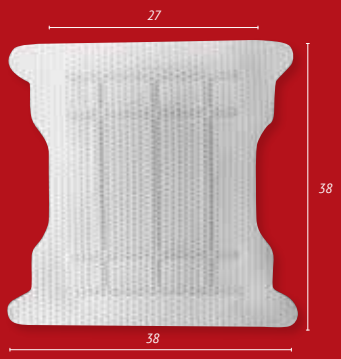
PD		
38 mm x 38 mm		
Ti250PD-N-1	Ti150PD-N-1	(1 per box)
Ti250PD-N-2	Ti150PD-N-2	(2 per box)

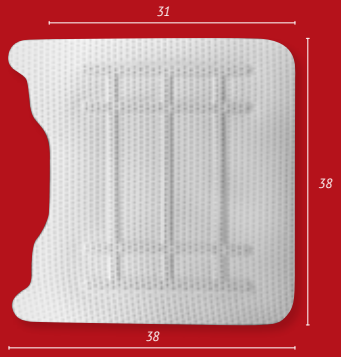
Designed for large bony defects, including distal extension of the posterior ridge

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.





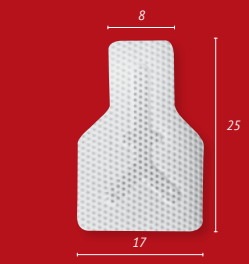
Cytoplast™ Titanium-Reinforced

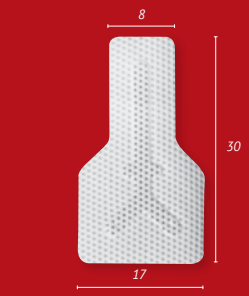
Titanium-reinforced, high-density PTFE membrane

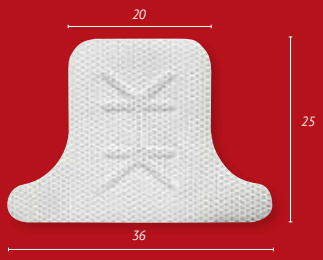
Dimensional measurements shown in mm. Width measurements noted at widest point and narrowest point. Shown actual size.

SHAPES WITH FIXATION POINTS

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







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

BL

17 mm x 25 mm

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

Designed for large buccal defects

NEW BLL

17 mm x 30 mm

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

Designed for large buccal defects

PST

36 mm x 25 mm

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

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

PLT

41 mm x 30 mm

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

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

RPM™

Reinforced PTFE mesh

CIRCULAR MACROPORES

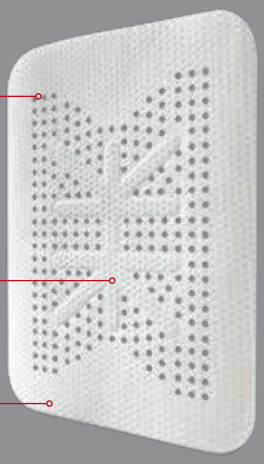
Allow direct contact between the bone graft and periosteum, allowing naturally occurring revascularization and infiltration of cells into the bone graft

TITANIUM FRAME

Maintains space essential for horizontal and vertical ridge augmentation

PTFE MESH

Easily conforms to tissue contours



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

BL

17 mm x 25 mm

| RPM200BL (1 per box)

Designed for large buccal defects

NEW BLL

17 mm x 30 mm

| RPM200BLL (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

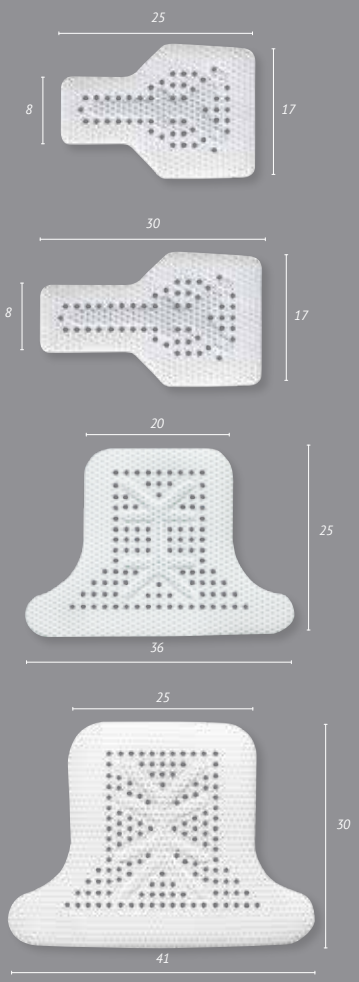
41 mm x 30 mm

| RPM200PLT (1 per box)

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

SHAPES WITH FIXATION POINTS

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

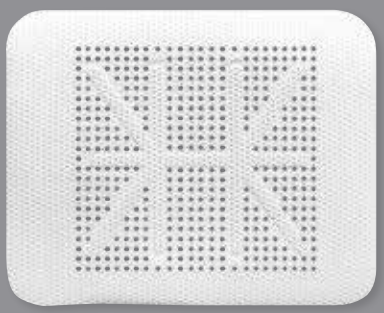


RPM™

Reinforced PTFE mesh

VERSATILE RECTANGULAR SHAPES

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



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

XL

30 mm x 40 mm

| RPM200XL (1 per box)

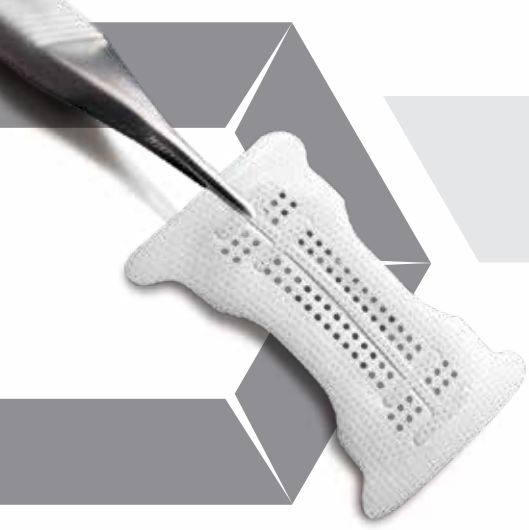
Designed for very large bony defects, including ridge augmentation

K2

40 mm x 50 mm

| RPM200K2 (1 per box)

Designed for the largest bony defects, including ridge augmentation



RPM™

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

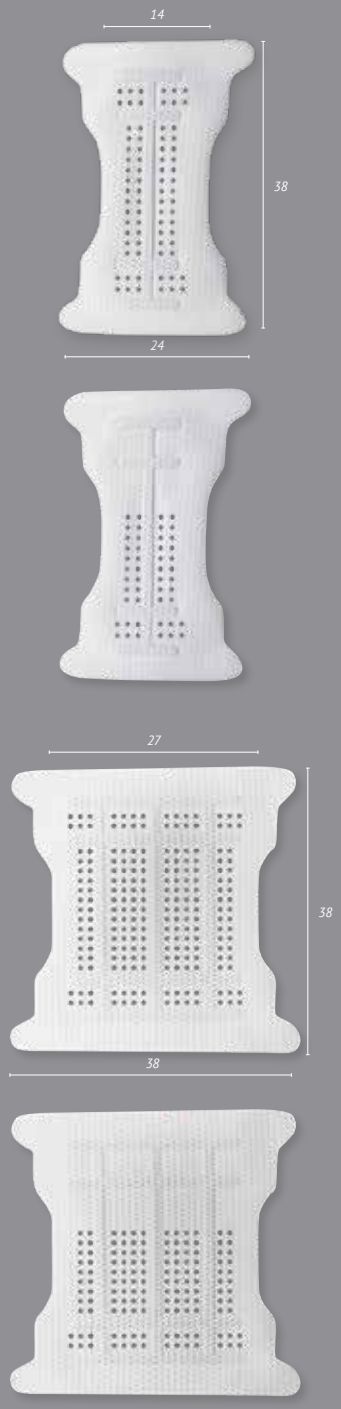
| RPM200PTCM (1 per box)

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.

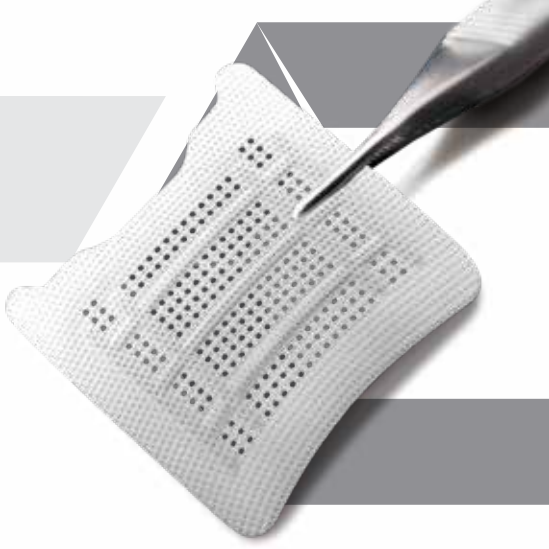
INTERPROXIMAL SHAPES

These configurations are designed to fit between existing teeth.



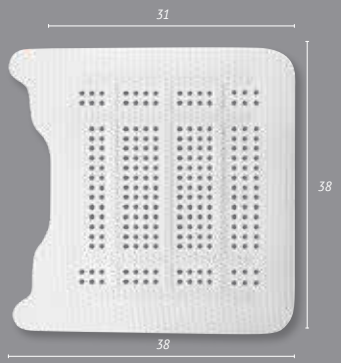
RPM™

Reinforced PTFE mesh



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.



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)

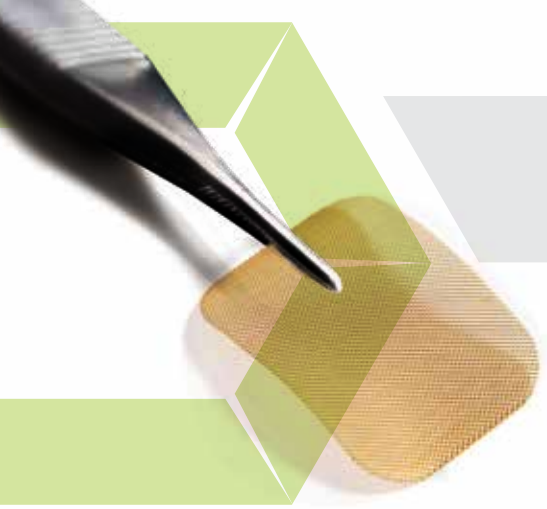
Designed for large bony defects, including distal extension of the right posterior mandibular ridge
NOTE: Non-perforated region is designed for lingual aspect

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
- 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

300 SERIES STAINLESS STEEL NEEDLES

All Cytoplast™ PTFE Sutures now have 300 series stainless steel needles, the gold standard material for suture needles. Tests comparing the new needles to previous needles show a substantial increase in needle strength, initial needle sharpness, and sustained needle sharpness. Tests show that the new 300 series needles are less likely to bend, require less force to penetrate, and maintain sharpness longer. Additionally, all silver needles now have longer and geometrically finer precision cutting edges. Data on file

All Cytoplast™ Sutures are 12 per box
Available in 18" and 28" lengths

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

RC 3/8 CIRCLE REVERSE CUTTING

TP 1/2 CIRCLE ROUND-BODIED

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

Glycolon™ is Resorba's® top selling suture material worldwide and is comprised of polyglycolic acid (PGA) and polycaprolactone (PCL). The monofilament structure provides excellent handling properties, does not wick bacteria, and allows for atraumatic passage through the tissue. Glycolon™ maintains 50% of its tensile strength for 11-13 days. *In Vivo data on file*

Violet	**DSM** 16 mm	3/0 USP	**OD01204**
Violet	**DSM** 18 mm	3/0 USP	**OD01205**
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	**OD01210**
Violet	**DSM** 16 mm black needle	5/0 USP	**OD01211**
Violet	**DSM** 18 mm black needle	5/0 USP	**OD01212**
Violet	**HRT** 16 mm	5/0 USP	**OD01100**
Violet	**DSM** 16 mm	5/0 USP	**OD01214**
Undyed	**DSM** 18 mm	5/0 USP	**OD01202**
Undyed	**DSM** 13 mm	6/0 USP	**OD01200**
Violet	**DSM** 13 mm	6/0 USP	**OD01213**

MICRO SUTURE:

Violet	**HRT** 10 mm	6/0 USP	**OD01102**

NEEDLE CODE DETAIL

DSM 3/8 CIRCLE PREMIUM REVERSE CUTTING

HRT 1/2 CIRCLE ROUND-BODIED CUTTING

"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 I love that it stays for a long time with good tensile strength. Last, but not least, it looks so beautiful in pictures."

Thaer Alqadoumi, DDS
Periodontist

Resorba® PGA Resorba™

Absorbable, Multifilament

PGA Resorba™ is an absorbable suture made of precision-braided filaments of polyglycolic acid coated with a special resolactone coating to reduce surface friction when passing through tissue. The composition of PGA Resorba™ ensures predictable and moderately rapid resorption in tissue. PGA Resorba™ maintains 50% tensile strength for up to 21 days. *In Vivo data on file*

Violet	**HRT** 18 mm	4/0 USP	**OD03100**
Violet	**DSM** 18 mm	4/0 USP	**OD03202**
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 SUTURE:

Violet	**HRT** 10 mm	5/0 USP	**OD03103**
Violet	**HSM** 10 mm	5/0 USP	**OD03700**
Violet	**HSM** 10 mm	6/0 USP	**OD03701**
Violet	**DSM** 11 mm	6/0 USP	**OD03203**
Violet	**HRT** 10 mm	6/0 USP	**OD03101**
Violet	**DSM** 7 mm	7/0 USP	**OD03206**
Violet	**DSM** 11 mm	7/0 USP	**OD03204**

NEEDLE CODE DETAIL

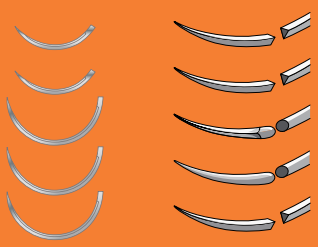
DSM 3/8 CIRCLE PREMIUM REVERSE CUTTING

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



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 SUTURE:

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

NEEDLE CODE DETAIL

DSM 3/8 CIRCLE PREMIUM REVERSE CUTTING

HS 1/2 CIRCLE STANDARD REVERSE CUTTING

Resorba® Resolon Twist™

Non-Absorbable, Pseudo-Monofilament

Resolon Twist™ is a pseudo-monofilament made of braided nylon fibers that are coated with a nylon sheath. The pseudo-monofilament design offers clinicians a non-absorbable suture that handles similarly to a multifilament suture but, due to its outer nylon coating, has the advantage of reduced drag when being pulled through soft tissue.

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**

NEEDLE CODE DETAIL

DSM 3/8 CIRCLE PREMIUM REVERSE CUTTING

HRT 1/2 CIRCLE ROUND-BODIED CUTTING

HS 1/2 CIRCLE STANDARD REVERSE 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.

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.

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

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)

actual size

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	BI1001
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 vertical 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

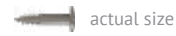
actual size

1.5 mm x 3 mm *polished neck*

+ 4 mm threaded portion = 7 mm total

| PFT3 (1 per box)

| PFT3-5 (5 per box)



actual size

1.5 mm x 4 mm *polished neck*

+ 4 mm threaded portion = 8 mm total

| PFT4 (1 per box)

| PFT4-5 (5 per box)

actual size

1.5 mm x 5 mm *polished neck*

+ 4 mm threaded portion = 9 mm total

| PFT5 (1 per box)

| PFT5-5 (5 per box)

Fully Threaded Self-Drilling Tenting Screws

actual size

1.5 mm x 8 mm

| PFT8 (1 per box)

actual size

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

| PFBK12S

- 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™ driver and container components, see page 32.

Self-Tapping Bone Fixation Screws

1.5 mm x 8 mm

| PFB8 (1 per box)

| PFB8-5 (5 per box)

actual size

1.5 mm x 10 mm

| PFB10 (1 per box)

| PFB10-5 (5 per box)

actual size

1.5 mm x 12 mm

| PFB12 (1 per box)

| PFB12-5 (5 per box)

actual size

1.5 mm x 14 mm

| PFB14 (1 per box)

| PFB14-5 (5 per box)

actual size

Master-Pin-Control

Revolutionary hybrid pin system

Meisinger since 1888

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)

Master-Mill & Master-Core System

Meisinger since 1888

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 glare.

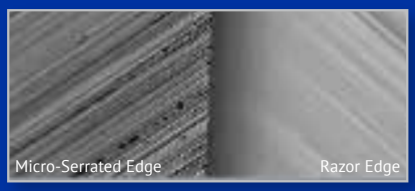
Swann-Morton®

Premium Micro-Serrated Blades

"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.

15 Blade

01SM15	Stainless Steel	(100 per box)
00SM15	Carbon Steel	(100 per box)

15C Blade

01SM15C	Stainless Steel	(100 per box)
00SM15C	Carbon Steel	(100 per box)

12D Blade

01SM12D	Stainless Steel	(100 per box)
00SM12D	Carbon Steel	(100 per box)

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

Holds up to 0.25 cc at a time

| **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

Versatile cortical bone collector

A 160º 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.

not actual size

Holds up to 2.5 cc at a time

| **3987** (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

Safescraper® Twist - Curve Volumizer

NEW

Versatile cortical bone collector

Double grooves on the blade allow for three collecting surfaces.

The Volumizer offers the same performance while collecting a larger volume of autologous cortical bone.

not actual size

Holds up to 2.5 cc at a time

| **5501** (3 sterile scrapers per package)

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