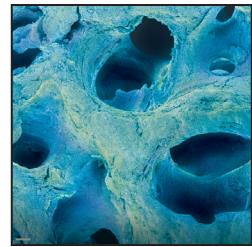
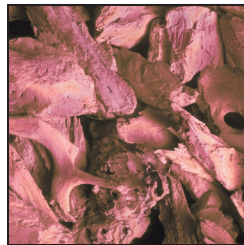
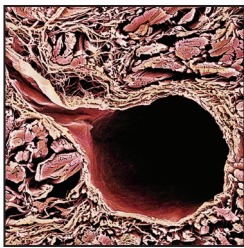




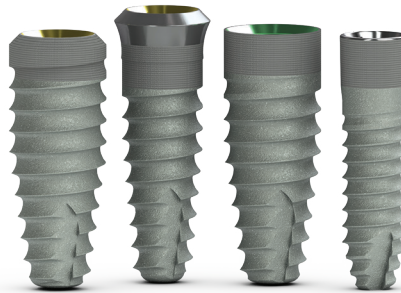
international biologics product catalog



BIOHORIZONS[®]
SCIENCE • INNOVATION • SERVICE

BIOHORIZONS®

99.2%
average
implant
success
rate¹



BioHorizons is committed to developing evidence-based and scientifically-proven products. This commitment started with the launch of the Maestro implant system in 1997 and remains in full force today with our most recent launches, the Tapered Plus, Tapered Tissue Level, and Tapered 3.0 implant systems.

The focus of BioHorizons on science, innovation and service enables our customers to confidently use our comprehensive portfolio of dental implants and biologics products making BioHorizons one of the fastest growing companies in the dental industry.

BioHorizons helps customers restore smiles in 90 countries throughout North America, Europe, South America, Asia, Africa, and Australia.

global
leader for
biologic
based
solutions



SCIENCE

BioHorizons uses science and innovation to create unique products with proven surgical and esthetic results.

INNOVATION

Our advanced implant technologies, biologic products and guided surgery software have made BioHorizons a leading dental implant company.

products
sold
in 90
countries



SERVICE

BioHorizons understands the importance of providing excellent service. Our global network of professional representatives and our highly trained customer care support team are well-equipped to meet the needs of patients and clinicians.

table of contents

Biologics

Bone Grafting Options

MinerOss® X	2
MinerOss® XP	3
Bone Grafting Applications	3

Dental Membranes

Mem-Lok® Resorbable Collagen Membrane (RCM)	4
Mem-Lok® Pliable	5
Dental Membrane Applications	5

Resorbable Wound Dressings

BioPlug	6
BioStrip	6
Resorbable Wound Dressing Applications	6

Instruments & Ancillary Products

AutoTac® System Kit & Re-Order Items	7
--------------------------------------	---

References	7
Ordering & Warranty Information	9

BONE GRAFTING OPTIONS

MinerOss® X

Available in a variety of options, MinerOss® X is an anorganic bovine bone mineral matrix that is physically and chemically comparable to the mineral structure of human bone. The MinerOss® X family of xenografts† can be used in a wide variety of grafting applications.

applications include²

- ridge and sinus augmentation
- extraction socket grafting
- infrabony periodontal defects
- grafting for implant placement



MinerOss® X Particulate

MinerOss® X Particulate is available in either cancellous or cortical form. The complex trabecular architecture and natural consistency allow for ideal bone formation at the defect site.

MinerOss® X Collagen

MinerOss® X Collagen is a combination of 95% anorganic cancellous bovine bone mineral and approximately 5% highly purified Type I collagen. This block form allows for convenience during placement and is an ideal solution for many applications.

MinerOss® X Syringe

MinerOss® X Syringe is cancellous particulate pre-loaded into a delivery syringe to assist with optimal placement at the defect site.

ordering information

MinerOss® X Cancellous

Particle size range

MINX-CAN0.25GR	0.25-1mm	0.25g/0.5cc
MINX-CAN0.5GR	0.25-1mm	0.5g/1.0cc
MINX-CAN1.0GR	0.25-1mm	1.0g/2.0cc
MINX-CAN2.0GR	0.25-1mm	2.0g/4.0cc
MINX-CAN0.5GRL	1-2mm	0.5g/1.7cc
MINX-CAN2.0GRL	1-2mm	2.0g/6.8cc

MinerOss® X Cortical

Particle size range

MINX-COR0.25GR	0.5-1mm	0.25g/0.4cc
MINX-COR0.5GR	0.5-1mm	0.5g/0.8cc
MINX-COR1.0GR	0.5-1mm	1.0g/1.6cc
MINX-COR2.0GR	0.5-1mm	2.0g/3.2cc

MinerOss® X Syringe

Particle size range

MINX-SYR0.25	0.25-1mm	0.25cc
MINX-SYR0.5	0.25-1mm	0.5cc

MinerOss® X Collagen

MINX-COLLAGEN-SM	6x7x8mm
MINX-COLLAGEN-MED	8x9x9mm
MINX-COLLAGEN-LG	10x11x12mm

† Family of xenograft-derived bone graft matrices.

BONE GRAFTING OPTIONS

MinerOss® XP

MinerOss® XP is a highly porous anorganic porcine bone mineral matrix designed for hard tissue grafting applications. Increased porosity allows for optimal osteoconductivity and adequate space for new bone deposition.

applications include²

- ridge and sinus augmentation
- extraction socket grafting
- infrabony periodontal defects
- grafting for implant placement

ordering information

Particle size range

	Particle size range	
MINXP-CAN0.5SM	0.25-1mm	0.5cc Vial
MINXP-CAN1.0SM	0.25-1mm	1.0cc Vial
MINXP-CAN2.0SM	0.25-1mm	2.0cc Vial
MINXP-CAN4.0SM	0.25-1mm	4.0cc Vial
MINXP-CAN1.0LG	1-2mm	1.0cc Vial
MINXP-CAN2.0LG	1-2mm	2.0cc Vial
MINXP-SYR0.25	0.25-1mm	0.25cc Syringe
MINXP-SYR0.5	0.25-1mm	0.5cc Syringe



Bone Grafting Applications

	periodontal defects	4-wall extraction sockets	3-wall extraction sockets	sinus augmentation	ridge augmentation	grafting for implant placement	block grafting
MinerOss® X Cancellous	✓	✓	✓	✓	✓	✓	✓
MinerOss® X Cortical		✓	✓	✓	✓	✓	
MinerOss® X Syringe	✓	✓	✓	✓	✓	✓	✓
MinerOss® X Collagen	✓	✓	✓	✓			
MinerOss® XP Cancellous	✓	✓	✓	✓	✓	✓	✓
MinerOss® XP Syringe	✓	✓	✓	✓	✓	✓	✓

Mem-Lok® Resorbable Collagen Membrane (RCM)

Mem-Lok® RCM is engineered from highly purified type I collagen to provide an increased resorption period and ensure optimal bone regeneration. Clinicians can be confident that Mem-Lok® RCM will serve as an effective barrier membrane for bone regeneration.

- predictable resorption period of 26 – 38 weeks³
- macromolecular pore size permeability that permits the exchange of essential nutrients during healing
- adapts easily to various bony defects

applications include²

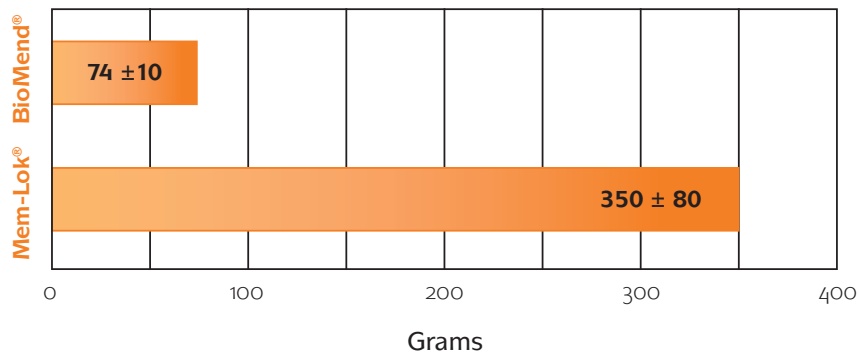
- extraction sockets
- sinus augmentation - sinus window
- ridge preservation
- bone augmentation around implants
- bony defects
- peri-implant bone defect around implants



ordering information

RCM-ML1520	Resorbable Collagen Membrane	15mm x 20mm
RCM-ML2030	Resorbable Collagen Membrane	20mm x 30mm
RCM-ML3040	Resorbable Collagen Membrane	30mm x 40mm

Suture pull-out strength



Dense membrane allows for increased mechanical strength.⁴

DENTAL MEMBRANES

Mem-Lok® Pliable

Mem-Lok® Pliable is a strong, conformable collagen barrier membrane manufactured from highly purified porcine tissue.

- single layer intact collagen
- not side specific
- cell occlusive
- 12-16 week resorption time
- high suture pull-out strength

applications include²

- extraction sites
- ridge augmentation
- graft containment around immediate implants
- periodontal defects



ordering information

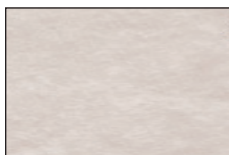
PBLE-ML1520	Mem-Lok® Pliable	15mm x 20mm
PBLE-ML2030	Mem-Lok® Pliable	20mm x 30mm
PBLE-ML3040	Mem-Lok® Pliable	30mm x 40mm

Dental Membrane Applications

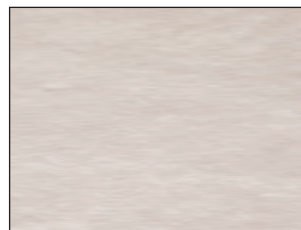
	graft protection & containment	sinus lift	ridge preservation	bony defects
Mem-Lok® RCM	✓	✓	✓	✓
Mem-Lok® Pliable	✓		✓	✓



15mm x 20mm



20mm x 30mm



30mm x 40mm

Mem-Lok® RCM and Mem-Lok® Pliable size reference

RESORBABLE WOUND DRESSINGS

BioPlug & BioStrip

BioPlug and BioStrip are collagen wound dressings designed to absorb blood or fluids and protect the site for optimal regeneration.

- fully resorbed in 10-14 days
- quantity of 10 units per box
- packaged sterile

BioPlug

applications include²

- extraction sockets
- biopsy sites



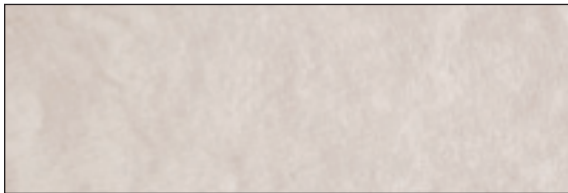
1 cm x 2 cm

BioPlug size reference

BioStrip

applications include²

- closure of grafted sites
- dressing of minor wounds



2.5cm x 7.5cm

BioStrip size reference



ordering information

BioPlug

BIOPLUG

Pack of 10

BioStrip

BIOSTRIP

Pack of 10

Resorbable Wound Dressing Applications

	graft protection & containment	ridge preservation	closure of grafted sites
BioPlug	✓		
BioStrip		✓	✓

INSTRUMENTS

AutoTac System Kit & Re-Order Items

The AutoTac System Kit is used to secure membranes with the push of a button. The efficient “no touch” tack system with a convenient one-handed delivery mechanism effectively fixates membranes.

400-270 AutoTac System Kit includes:

- Sterilization Tray
- Autoclavable Tack Cassette (pre-loaded with 21 Titanium Tacks)
- Dressing Pliers, Utility Pick-up
- Delivery Handle



400-200 AutoTac Delivery Handle

400-248 Autoclavable Tack Cassette (tacks not included)

400-260 Titanium Tacks with Cassette (pack of 21)

400-240 Titanium Tack Vial (pack of 5)

HF-DPU17 Dressing Pliers, Utility Pick-up

References

1. Implant success rate is the weighted average of all published human studies on BioHorizons implants. These studies are available for review in BioHorizons document numbers ML0606 and ML0130.
2. Reference manufacturer's Instructions for Use (IFU) package insert.
3. Prediction of *in vivo* stability of a resorbable, reconstituted type I collagen membrane by *in vitro* methods. Ulreich JB, Zudlich G, Lin HB, Li ST. *2000 Society World Biomaterials Congress Transactions, Sixth World Biomaterials Congress Transactions*.
4. A resorbable, reconstituted type I collagen membrane for guided tissue regeneration and soft tissue augmentation. Yuen D, Junchaya C, Zudlich G, Ulreich JB, Lin HB, Li ST. *Society for Biomaterials*. 2000;1228.
5. Heat production by 3 implant drill systems after repeated drilling and sterilization. Chacon GE, Bower DL, Larsen PE, McGlumphy EA, Beck FM. *J Oral Maxillofac Surg*.

ORDERING & WARRANTY INFORMATION

Territory Manager: _____

cell phone: _____

email and/or fax: _____

BioHorizons Lifetime Warranty on Implants and Prosthetics: All BioHorizons implants and prosthetic components include a Lifetime Warranty. BioHorizons implant or prosthetic components will be replaced if removal of that product is due to failure (excluding normal wear to overdenture attachments).

Additional Warranties: BioHorizons warranties surgical drills, taps and other surgical and restorative instruments.

(1) Surgical Drills and Taps: Surgical drills and taps include a warranty period of ninety (90) days from the date of initial invoice. Surgical instruments should be replaced when they become worn, dull, corroded or in any way compromised. Surgical drills should be replaced after 12 to 20 osteotomies.⁵

(2) Instruments: The BioHorizons manufactured instrument warranty extends for a period of one (1) year from the date of initial invoice. Instruments include drivers, implant site dilators and BioHorizons tools used in the placement or restoration of BioHorizons implants.

Return Policy: Product returns require a Return Authorization Form, which may be acquired by contacting Customer Care. The completed Return Authorization Form must be included with the returned product. For more information, please see the reverse side of the invoice that was shipped with the product.

Disclaimer of Liability: BioHorizons products may only be used in conjunction with the associated original components and instruments according to the Instructions for Use (IFU). Use of any non-BioHorizons products in conjunction with BioHorizons products will void any warranty or any other obligation, expressed or implied.

Treatment planning and clinical application of BioHorizons products are the responsibility of each individual clinician. BioHorizons strongly recommends completion of postgraduate dental implant education and adherence to the IFU that accompany each product. BioHorizons is not responsible for incidental or consequential damages or liability relating to use of our products alone or in combination with other products other than replacement or repair under our warranties.

Distributed Products: For information on the manufacturer's warranty of distributed products, please refer to their product packaging. Distributed products are subject to price change without notice.

Validity: Upon its release, this literature supersedes all previously published versions.

Availability: Not all products shown or described in this literature are available in all countries. BioHorizons continually strives to improve its products and therefore reserves the right to improve, modify, change specifications or discontinue products at any time.

Any images depicted in this literature are not to scale, nor are all products depicted. Product descriptions have been modified for presentation purposes. For complete product descriptions and additional information, visit store.biohorizons.com.

Direct Offices

BioHorizons USA
888-246-8338 or
205-967-7880

BioHorizons Canada
866-468-8338

BioHorizons Spain
+34 91 713 10 84

BioHorizons UK
+44 (0)1344 752560

BioHorizons Chile
+56 (2) 23619519

BioHorizons Italy
800-063-040

Distributors

For contact information in our 90 countries, visit www.biohorizons.com



BioHorizons®, Laser-Lok®, MinerOss®, AutoTac®, Mem-Lok® and TeethXpress® are registered trademarks of BioHorizons. Unigrip™ is a trademark of Nobel Biocare AB. Zimmer® Dental ScrewVent® and Tapered ScrewVent® are registered trademarks of Zimmer, Inc. AlloDerm™ and AlloDerm GBR™ are trademarks of LifeCell Corporation, an Allergan affiliate. Grafton® DBM is a registered trademark of Medtronic, Inc. Cytoplast® is a registered trademark of Osteogenics Biomedical, Inc. Spiralock® is a registered trademark of Spiralock Corporation. Pomalux® is a registered trademark of Westlake Plastics Co. Locator® is a registered trademark of Zest Anchors, Inc. Delrin® is a registered trademark of E.I. du Pont de Nemours and Company. Bio-Gide® is a registered trademark of Edward Geistlich Sohne AG Fur Chemische Industrie. Not all products shown or described in this literature are available in all countries. As applicable, BioHorizons products are cleared for sale in the European Union under the EU Medical Device Directive 93/42/EEC and the tissues and cells Directive 2004/23/EC. We are proud to be registered to ISO 13485:2003, the international quality management system standard for medical devices, which supports and maintains our product licences with Health Canada and in other markets around the globe. Original language is English. ©BioHorizons. All Rights Reserved.



ML0228



REV C APR 2018

shop online at
store.biohorizons.com