

biologics hard tissue comparison



	MinerOss® Cortical & Cancellous Chips	MinerOss® Cancellous	MinerOss® Cortical	MinerOss® Block Allograft	MinerOss® Putty
Composition/Source	Mineralized cortical & cancellous allograft	Mineralized cancellous allograft	Mineralized cortical allograft	Mineralized cortical and cancellous allograft	Mineralized cortical & cancellous allograft and demineralized cortical fibers
Process	Aseptic Process	Terminal sterilization	Terminal sterilization	Terminal sterilization	Terminal sterilization
Particle Size	600-1250µm	300-1000µm or 300-600µm	300-1000µm	N/A	N/A
Packaging	Long plastic vial in plastic bag, single use only	Short plastic vial in plastic blister pack (within box), single use only Curved plastic syringe in plastic bag, delivery applicator is single use only	Short plastic vial in plastic blister pack (within box), single use only	Autogenous block in sterile blister pack (within box), single use only	Curved plastic syringe in plastic bag, delivery applicator is single use only
Storage	15-30°C	15-30°C	15-30°C	15-30°C	15-30°C
Shelf Life	5 years	5 years - Plastic Vial 5 years - Syringe	5 years	5 years	5 years
Primary Applications	- Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation	- Extraction socket grafting - Grafting for implant placement - Periodontal defects	- Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation	- Bone remodeling - Block grafting procedures - Bony defects	- Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation
Ordering Information	- MO-C0.5DOM - 0.5cc Vial - MO-C1.0DOM - 1.0cc Vial - MO-C2.5DOM - 2.5cc Vial	Particle size range: 300-1000µm - MIN-CAN0.5 - 0.5cc Vial - MIN-CAN1.0 - 1.0cc Vial - MIN-CAN2.5 - 2.5cc Vial Particle size range: 300-600µm - MIN-CANSYR0.25 - 0.25cc Syringe - MIN-CANSYR0.5 - 0.5cc Syringe	- MIN-COR0.5 - 0.5cc Vial - MIN-COR1.0 - 1.0cc Vial - MIN-COR2.5 - 2.5cc Vial	- MO-BLH10 15x10x10mm Block - MO-BLH15 15x10x15mm Block	- MIN-PT0.5 - 0.5cc Putty - MIN-PT1.0 - 1.0cc Putty - MIN-PT2.5 - 2.5cc Putty - MIN-PT5.0 - 5.0cc Putty



MinerOss® XP

MinerOss® X Cancellous

MinerOss® X Cortical

MinerOss® X Plug

MinerOss® X Collagen

Composition/Source	Highly porous anorganic porcine bone mineral matrix	Anorganic bovine bone matrix	Anorganic bovine bone matrix	80% bovine cancellous bone, 20% bovine Type I Achilles collagen	95% anorganic cancellous bovine mineral granules, 5% bovine collagen
Process	Terminal sterilization	Terminal sterilization	Terminal sterilization	Terminal sterilization	Terminal sterilization
Particle Size	250-1000µm or 1000-2000µm	250-1000µm or 1000-2000µm	500-1000µm	N/A	250-1000µm
Packaging	Short plastic vial in blister pack (within box), single use only Curved plastic syringe in blister pack (within box), delivery applicator is single use only	Short plastic vial in plastic blister pack (within box), single use only Curved plastic syringe in blister pack (within box), delivery applicator is single use only	Short plastic vial in plastic blister pack (within box), single use only	Pre-shaped plug in blister pack (within box), single use only, pack of 5	Moldable collagen block matrix in sterile blister pack (within box), single use only
Storage	15-30°C	15-30°C	15-30°C	15-30°C	15-30°C
Shelf Life	3 years - Plastic Vial 2 years - Syringe	3 years - Plastic Vial 3 years - Syringe	3 years	3 years	3 years
Primary Applications	- Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation	- Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation	- Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation	- Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation	- Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation
Ordering Information	- 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	- MINX-CAN0.25GR 0.25-1mm/0.25g/0.5cc Vial - MINX-CAN0.5GR 0.25-1mm/0.5g/1.0cc Vial - MINX-CAN1.0GR 0.25-1mm/1.0g/2.0cc Vial - MINX-CAN2.0GR 0.25-1mm/2.0g/4.0cc Vial - MINX-CAN0.5GRL 1-2mm/0.5g/1.1cc Vial - MINX-CAN2.0GRL 1-2mm/2.0g/4.4cc Vial - MINX-SYR0.25 0.25-1mm/0.25cc Syringe - MINX-SYR0.5 0.25-1mm/0.5cc Syringe	- MINX-COR0.25GR 0.25g/0.4cc Vial - MINX-COR0.5GR 0.5g/0.8cc Vial - MINX-COR1.0GR 1.0g/1.6cc Vial - MINX-COR2.0GR 2.0g/3.2cc Vial	- MINX-SCPLUG 10x20mm - Straight - MINX-TCPLUG 9x15mm - Tapered	- MINX-COLLAGEN-SM 6x7x8mm Block - MINX-COLLAGEN-MED 8x9x9mm Block - MINX-COLLAGEN-LG 10x11x12mm Block



	Genate™	Grafton® DBM
Composition/Source	70:30 ratio mineralized cortical and cancellous allograft	Demineralized bone fibers with glycerol carrier
Process	Terminal sterilization	Aseptic process
Particle Size	300-1000µm	N/A
Packaging	Short plastic vial in plastic blister pack (within box) single use only	Short plastic vial in plastic blister pack, single use only
Storage	15-30°C	15-30°C
Shelf Life	5 years	3 years
Primary Applications	<ul style="list-style-type: none"> - Extraction socket grafting - Grafting for implant placement - Ridge and sinus augmentation 	<ul style="list-style-type: none"> - Extraction socket grafting - Intended to be packed into bony voids or gaps to fill and/or augment dental intraosseous, oral and cranio-/maxillofacial defects
Ordering Information	<ul style="list-style-type: none"> - MIN-C0.5 - 0.5cc Vial - MIN-C1.0 - 1.0cc Vial - MIN-C2.5 - 2.5cc Vial 	<ul style="list-style-type: none"> - GR-FL1.5 - 1.5x1.5cm Flex Sheet - GR-MTX-1 - 8x8x10mm Matrix Plug - GR-PT.5 - 0.5cc Putty in a Vial - GR-PT1 - 1.0cc Putty in a Vial - GR-PT2.5 - 2.5cc Putty in a Vial - GR-PT5 - 5.0cc Putty in a Vial - GR-SYR.25-1 - 0.25cc Putty in a Syringe

For more information, contact your local Territory Manager or call Customer Care: **1.888.246.8338**
 Order 24/7 at store.biohorizons.com



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