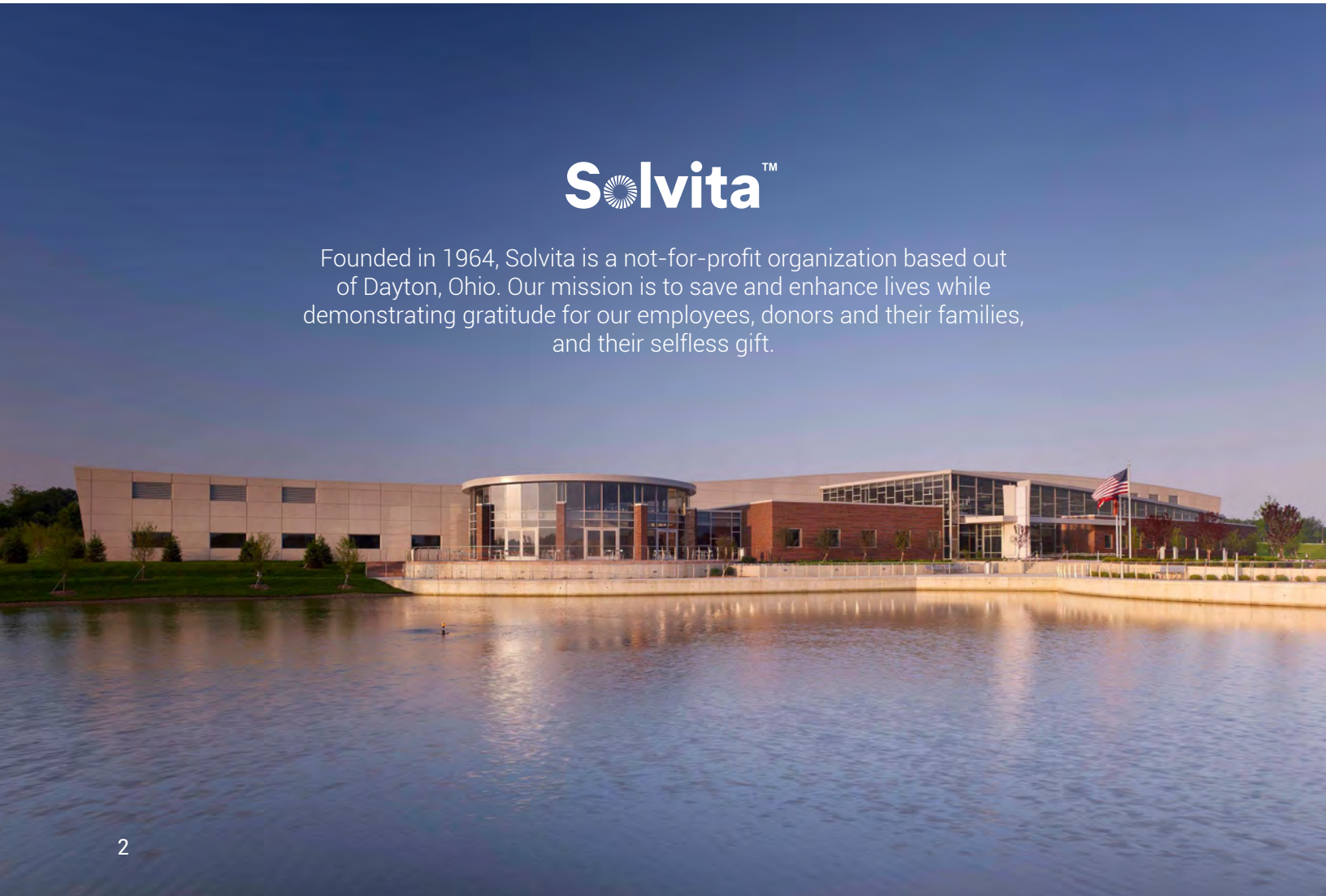
maxxeus™

Dental Catalog

The biologic solutions clinicians prefer.

Maxxeus has provided safe, high-quality clinical outcomes for over three decades, backed by the long-standing expertise of Solvita. As Solvita's dedicated dental biologics brand, we understand the unique needs of the implanting clinician. This exclusive focus allows Maxxeus to provide our customers and their patients with the very best in regenerative biologic options.

Driven by our mission as a non-profit tissue bank, we are dedicated to honoring the gift of donation by maximizing its impact on patient care. This commitment is reflected in the breadth of the Maxxeus portfolio, which stands as one of the most comprehensive in the industry. By offering an extensive range of regenerative solutions, we ensure that Solvita remains a versatile partner capable of meeting the diverse clinical requirements of every practice.



Allograft Sterility

At Solvita, safety isn't just a metric—it's our standard. Our allografts carry the STERILE R designation, representing a one-in-a-million Sterility Assurance Level. While human tissue naturally varies, our testing methods are intentionally conservative. We choose rigorous sterilization protocols to ensure that every Maxxeus graft provides the highest level of safety for you and your patients.

Testing

Solvita honors the final gift of donation through a sophisticated vetting process that prioritizes both safety and stewardship. Rather than relying on simplistic exclusion criteria, our Medical Directors conduct a comprehensive assessment of all recovery documentation and physical results. Using FDA-approved screening and advanced microbiological cultures, we maintain the highest safety standards, ensuring that we never have to choose between clinical quality and our mission to honor every donor's legacy.

Processing

All musculoskeletal tissue grafts recovered by our tissue centers and recovery partners across the United States are processed in Ohio and then distributed around the world from our headquarters. Strict processing procedures are performed by Solvita to ensure quality and safe tissue grafts for transplantation.

Licenses & Accreditation

Solvita is registered with the Food and Drug Administration (FDA), accredited by the Association for Advancing Tissue and Biologics (AATB), and maintains all applicable state licenses. Solvita is ISO 13485 certified. For access to all of our licenses and certificates, please visit our website at www.maxxeus.com/licenses.

About Our Donors

Tissue donors are selfless and give their final life gift, a gift that gives someone else a life-saving or life-enhancing transplant. Solvita admires, respects and is truly grateful for all tissue donors and their families.

As of 2025, Solvita and our partners have recovered tissue from more than 130,000 generous tissue donors and distributed more than 11.5 million allografts to communities around the world.

All musculoskeletal grafts recovered by our tissue centers and partner Organ Procurement Organizations (OPOs) across the United States are processed at Solvita. All of Solvita's valued OPO partners are trained and audited by Solvita to ensure recovery operations are compliant with all applicable regulations.

- All partners performing recoveries for Solvita are registered with the FDA as an HCT/P establishment.
- All donors are recovered using aseptic technique in an environment that meets or exceeds the standards set by the FDA, AATB, and Solvita's Standard Operating Procedures.
- All donors are recovered within the United States.

As an added measure of safety, and to reduce the risk of transmission of Creutzfeldt-Jakob disease (CJD), Solvita does not recover tissue from the spinal column or Dura, as these areas have a higher potential for carrying the prion associated with CJD transmission.

Allograft

Bone Particulates

Maxxeus leads the dental industry in offering the widest variety of bone types and particulate ranges to suit any clinician's preference. A variety of volumes are offered to give the clinician complete control over the quantity used in every procedure.



Cortical Min./Demin. Blend

Cortical Mineralized/Demineralized Blend is a premium graft offering which combines approximately 70% mineralized cortical bone with 30% demineralized cortical bone in an optimal mixture for rapid bone regeneration.

Corticocancellous

Corticocancellous bone combines mineralized dense cortical bone and porous cancellous bone in one graft.

Cancellous

Cancellous bone, also known as spongy or trabecular bone, allows for increased blood flow around a graft site.

Cortical

Cortical bone is dense compact bone that will maintain space in a graft site. Slower resorption time than cancellous bone means this graft is good for maintaining space.

Cortical Demineralized

Removing the majority of the mineral content of the bone, primarily calcium, has been shown to expose biologically active bone morphogenic proteins that may promote an osteoinductive reaction at the graft site.

Allograft

Bone Particulates in Dappen Dishes

Product	Particulate Size	0.25 cc	0.5 cc	1.0 cc	2.0 cc
Cortical Mineralized/ Demineralized Blend	0.25-1.00mm	—	MM005	MM010	MM020
Corticocancellous	0.25-0.50mm	MQ025	MQ005	MQ010	MQ020
	0.25-1.00mm	MH025	MH005	MH010	MH020
	0.5-1.0mm	MZ025	MZ005	MZ010	MZ020
Cancellous	0.25-0.50mm	MR025	MR005	MR010	MR020
	0.25-1.00mm	MK025	MK005	MK010	MK020
	0.5-1.0mm	MA025	MA005	MA010	MA020
Cortical	0.125-0.850mm	MN025	MN005	MN010	MN020
	0.25-0.50mm	MG025	MG005	MG010	MG020
	0.25-1.00mm	MB025	MB005	MB010	MB020
	0.5-1.0mm	ME025	ME005	ME010	ME020
Cortical Demineralized	0.125-0.850mm	MD025	MD005	MD010	MD020
	0.25-0.50mm	MC025	MC005	MC010	MC020
	0.5-1.0mm	MY025	MY005	MY010	MY020

Allograft

Bone Particulates in Jars

Product	Particulate Size	0.25 cc	0.5 cc	1.0 cc	2.0 cc
Cortical Mineralized/ Demineralized Blend	0.25-1.00mm	—	DM005	DM010	DM020
Corticocancellous	0.25-0.50mm	DQ025	DQ005	DQ010	DQ020
	0.25-1.00mm	DH025	DH005	DH010	DH020
	0.5-1.0mm	DZ025	DZ005	DZ010	DZ020
Cancellous	0.25-0.50mm	DR025	DR005	DR010	DR020
	0.25-1.00mm	DK025	DK005	DK010	DK020
	0.5-1.0mm	DA025	DA005	DA010	DA020
	1.0-2.0mm	—	DL005	DL010	DL020
Cortical	0.125-0.850mm	DN025	DN005	DN010	DN020
	0.25-0.50mm	DG025	DG005	DG010	DG020
	0.25-1.00mm	DB025	DB005	DB010	DB020
	0.5-1.0mm	DE025	DE005	DE010	DE020
	1.0-2.0mm	—	DX005	DX010	DX020
Cortical Demineralized	0.125-0.850mm	DD025	DD005	DD010	DD020
	0.25-0.50mm	DC025	DC005	DC010	DC020
	0.5-1.0mm	DY025	DY005	DY010	DY020





Graft Mixing Bowl

Product	Code
Graft Mixing Bowl	IGMBO

Allograft

DBM Products

Demineralized Bone Matrix (DBM) products are processed by removing the mineral components of bone with acid, leaving behind the extracellular matrix composed of collagen and non-collagenous proteins, including growth factors. The presence of these growth factors has been shown to provide osteoinductive properties. At the same time, the geometry of the collagen matrix has the potential to provide varying degrees of osteoconductivity, providing the necessary scaffolding for bone growth.

DBM Putty



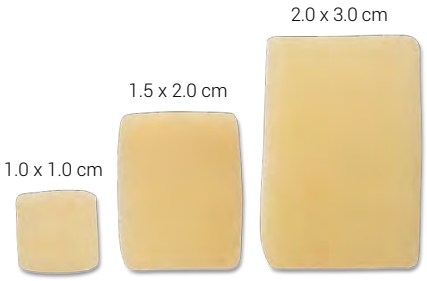
Product	0.5 cc	1.0 cc	2.5 cc
DBM Crunch Putty	—	4990-40	4991-40
DBM Putty	3060-40	3061-40	3062-40

DBM Fibers



Product	0.5 cc	1.0 cc	2.5 cc
DBM Fibers	4996-12	3612-12	3613-12

DBM Product	Composition	Bone Growth Properties	Preparation	Handling Characteristics
DBM Crunch Putty & DBM Putty	• Crunch Putty is composed of cortical and cancellous bone • Putty is composed of cortical bone • No added carrier	• Osteoconductive properties • Each lot verified for osteoinductivity	• Ready to use out of the package • Pre-loaded in a syringe	• Resists irrigation
Fibers	• Fibers are composed of cortical bone • No added carrier	• Osteoconductive properties	• Quickly rehydrates with customizable hydration options	• User controlled graft consistency • Moldable



Actual Size

Allograft

Laminar Bone

Maxxeus Laminar Bone is a thin but mechanically strong demineralized cortical sheet that naturally resorbs, negating the need for retrieval. It can be used to replace a buccal and/or lingual wall in an augmentation procedure, as well as any craniomaxillofacial procedure where a flexible yet mechanically strong membrane is decided.

Product	1.0 x 1.0 cm	1.5 x 2.0 cm	2.0 x 3.0 cm
Laminar Bone	DO101	DO152	DO203



Synthetic

OsteoMaxx Plug

Product	0.6 x 2.5 cm	1.0 x 2.0 cm
OsteoMaxx Plug	XA625	XA120

Maxxeus OsteoMaxx Plug is provided 5 per pack.



Allograft

Acellular Dermal Matrix

Maxxeus Acellular Dermal Matrix grafts are available in 5 different sizes at 3 thicknesses to meet clinicians' needs.

- 100% Allograft tissue
- Stored at ambient temperature
- 2-minute reconstitution time

Acellular Dermal Matrices are a proven regenerative solution used across a wide range of dental and periodontal procedures, including:

Soft Tissue Grafting
Enhances gingival thickness and root coverage without the need for autogenous graft harvest. [1]

Ridge Augmentation
Restores and maintains soft tissue contours for optimal esthetics and prosthetic outcomes. [2]

Guided Bone Regeneration
Provides a biocompatible barrier that supports predictable bone regeneration. [3]

Implant Site Development
Improves soft tissue profile and stability around dental implants. [4,5]

Socket Preservation
Maintains ridge architecture and soft tissue integrity following tooth extraction. [6]

Periodontal Recession Coverage
Offers a predictable alternative to connective tissue grafts with reduced patient morbidity. [1]

Product	Thickness	1.0 x 1.0 cm	1.0 x 2.0 cm	1.0 x 4.0 cm	2.0 x 2.0 cm	2.0 x 4.0 cm
Acellular Dermal Matrix	0.4-0.8mm	AP101	AP102	AP104	AP202	AP204
	0.8-1.2mm	AM101	AM102	AM104	AM202	AM204
	1.2-1.6mm	AL101	AL102	AL104	AL202	AL204



1. Sachdeva S, Saluja H, Mani A, Mukhi P. Aesthetic root coverage with acellular dermal matrix allograft: a shield for gingival recession. BMJ Case Rep. 2021 Dec 7;14(12):e243895. doi: 10.1136/bcr-2021-243895. PMID: 34876441; PMCID: PMC8655591.
2. Jayavl K, Swaminathan M, Kumar S. Ridge augmentation and root coverage using acellular dermal matrix: a case report. Dent Res J (Isfahan). 2010 Summer;7(2):88-91. PMID: 22013463; PMCID: PMC3177374.
3. Momen-Heravi F, Peters SM, Garfinkle L, Kang P. Acellular Dermal Matrix as a Barrier for Guided Bone Regeneration of Dehiscence Defects Around Dental Implants: A Clinical and Histological Report. Implant Dent. 2018 Aug;27(4):521-524. doi: 10.1097/ID.0000000000000796. PMID: 30036212.
4. Yaghini J, Mogharehabed A, Feizi A, Afshari Z. Efficacy of Acellular Dermal Matrix in Soft Tissue Augmentation Around Dental Implants: A Systematic Review and Meta-Analysis. J Oral Implantol. 2023 Apr 1;49(2):197-205. doi: 10.1563/aaid-joi-D-21-00021. PMID: 35881814.
5. Alkabazi M, Ouakouak N, Aldieb E. Efficacy of Acellular dermal matrix simultaneous with implant placement: A systematic review and meta-analysis of clinical trials. J Stomatol Oral Maxillofac Surg. 2025 Sep;126(4S):102371. doi: 10.1016/j.jormas.2025.102371. Epub 2025 Apr 11. PMID: 40222640.
6. Fernandes PG, Muglia VA, Reino DM, Maia LP, de Moraes Grisi MF, de Souza SL, Taba M Jr, Palioto DB, de Almeida AG, Novaes AB Jr. Socket Preservation Therapy with Acellular Dermal Matrix and Mineralized Bone Allograft After Tooth Extraction in Humans: A Clinical and Histomorphometric Study. Int J Periodontics Restorative Dent. 2016 Mar-Apr;36(2):e16-25. doi: 10.11607/prd.2307. PMID: 26901306.

Allograft

Barrier Membranes

BioXclude®

BioXclude® is a minimally manipulated dehydrated human deepithelialized amnion-chorion membrane that serves as a stand-alone barrier membrane in a variety of dentoalveolar, oral/maxillofacial, periodontal, and endodontic procedures.

BioXclude® is thin and adaptable, making fixation, trimming, and precise placement unnecessary. Amnion-Chorion membranes contain over 285 identified growth factors, cytokines and chemokines, the bioactive advantages have been shown to aid in healing, promote angiogenesis, modulate the inflammatory process, and accelerate flap reattachment.



Product	8.0 x 8.0 mm	12.0 x 12.0 mm	10.0 x 20.0 mm	15.0 x 20.0 mm	15.0 x 25.0 mm	20.0 x 30.0 mm	30.0 x 40.0 mm
BioXclude®	GB0808	GB1212	GB1020	GB1125	GB1525	GB1235	GB3040

Pericardium



Product	1.0 x 1.0 cm	1.5 x 2.0 cm	2.0 x 3.0 cm
Pericardium	DP101	DP152	DP203

Fascia



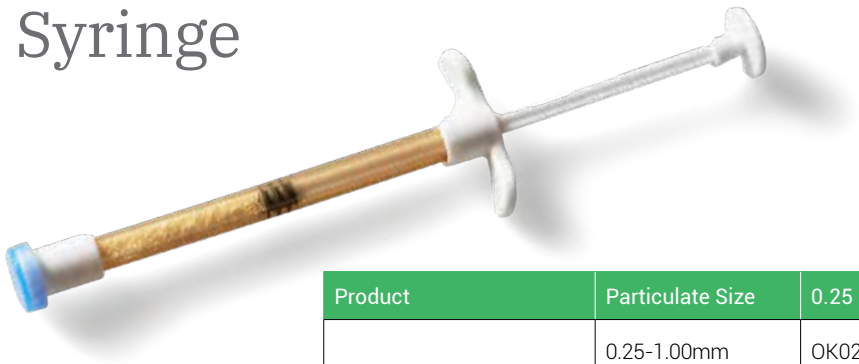
Product	1.0 x 1.0 cm	1.5 x 2.0 cm	2.0 x 3.0 cm
Fascia	DF101	DF152	DF203

Xenograft
Bone Particulates in Jar



Product	Particulate Size	0.25 g	0.5 g	1.0 g	2.0 g
Cancellous	0.25-1.00mm	XK005 (0.54 cc)	XK010 (1.08 cc)	XK020 (2.16 cc)	XK040 (4.32 cc)
	1.0-2.0mm	—	XL020 (2.0 cc)	XL040 (4.0 cc)	XL080 (8.0 cc)

Xenograft
Bone Particulates in Syringe



Product	Particulate Size	0.25 cc	0.5 cc
Cancellous	0.25-1.00mm	OK025	OK005
	1.0-2.0mm	—	OL005

Xenograft
Barrier Membranes



MaxxMem®

Product	1.5 x 2.0 cm	2.0 x 3.0 cm	3.0 x 4.0 cm
MaxxMem®	XC152	XC203	XC304



MaxxMem+®

Product	1.5 x 2.0 cm	2.0 x 3.0 cm	3.0 x 4.0 cm
MaxxMem+®	XP152	XP203	XP304



MaxxDerm®

Product	1.5 x 2.0 cm	2.0 x 3.0 cm	3.0 x 4.0 cm
MaxxDerm®	XD152	XD203	XD304



MaxxDerm+®

Product	1.5 x 2.0 cm	2.0 x 3.0 cm	3.0 x 4.0 cm
MaxxDerm+®	XE152	XE203	XE304

Product	Material Source	Handling (Conformability)	Strength (Suture Pull Avg.)	Resorption Time
MaxxMem®	Porcine Tendon	Moderate	Low (0.28 kg)	4-6 Months
MaxxMem+®	Porcine Peritoneum	High (Very Drapable)	High (0.83 kg)	3-4 Months
MaxxDerm®	Porcine Dermis	Moderate	Moderate (0.46 kg)	6-9 Months
MaxxDerm+®	Porcine Dermis	Low (Space Maintaining)	High (0.67 kg)	9-12 Months

Xenograft

Wound Dressings

MaxxCote®, MaxxPlug® and MaxxTape® are absorbent, porous collagen matrices engineered from purified collagen derived from bovine dermis tissue.

- Applied directly to the wound and used to protect the wound and delicate new tissue
- Aids in wound healing
- Resorbs within thirty days of placement
- Ten individually packaged per box

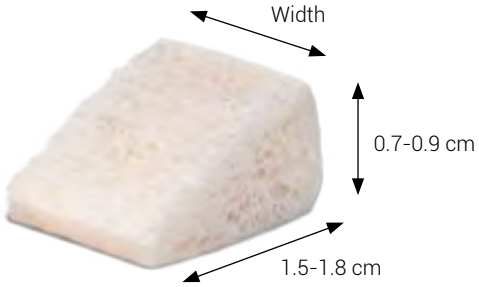
Maxxeus Wound Dressings are indicated for use for the management of denture sores, oral ulcers (non-infected or viral), periodontal surgical wounds, suture sites, burns, extraction sites and traumatic wounds. Wound Dressings are available in cote, plug or tape form.

Product	Size	Code
MaxxCote®	2.0 x 4.0 x 0.3 cm	XCOTE
MaxxPlug®	1.0 x 2.0 cm	XPLUG
MaxxTape®	2.5 x 7.5 x 0.1 cm	XTAPE

Maxxeus Wound Dressings are provided 10 per pack.

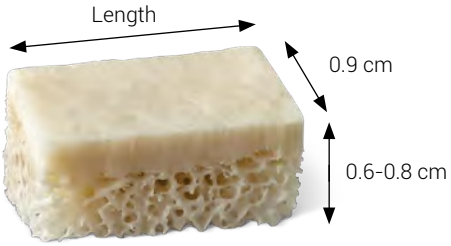


Allograft
Structural Grafts



J-Platform

Product	1.0 cm	1.5 cm
J-Platform	DJ010	DJ015



Unicortical Platform

Product	1.2 cm	1.5 cm
Unicortical Platform	DU912	DU915

Supplies

Sutures

PGCL

Needle	Material	Color	Length	Suture Size 6-0	5-0	4-0	3-0
FS-2 (C6) 19.0 mm - 3/8 Circle Reverse Cutting 	Monofilament	Violet	18.0" (45.0 cm)	—	SCFS-25	SCFS-24	SCFS-23
FS-3 (C22) 16.0 mm - 3/8 Circle Reverse Cutting 				SCFS-36	—	—	—
P-3 (C3) 13.0 mm - 3/8 Circle Premium Reverse Cutting 		Undyed		SCP-36	—	—	—
P-3 (C3) 13.0 mm - 3/8 Circle Premium Reverse Cutting 		Violet		—	SCP-35	—	—
PC-3 (PC-3) 16.0 mm - 3/8 Circle Premium Cosmetic Conventional Cutting 		Violet		SCPC-36	—	—	—
PS-2 (PC31) 19.0 mm - 3/8 Circle Premium Reverse Cutting 		Undyed		—	SCPS-25	—	—
PS-2 (PC31) 19.0 mm - 3/8 Circle Premium Reverse Cutting 		Violet		—	—	SCPS-24	—

PGLA

Needle	Material	Color	Length	Suture Size	5-0	4-0	3-0
FS-2 (C6) 19.0 mm - 3/8 Circle Reverse Cutting 	Braided	Violet	18.0" (45.0 cm)	—	—	SLFS-24	SLFS-23
P-3 (C3) 13.0 mm - 3/8 Circle Premium Reverse Cutting 				—	SLP-35	SLP-34	—

PP

Needle	Material	Color	Length	Suture Size	5-0		
P-3 (C3) 13.0 mm - 3/8 Circle Premium Reverse Cutting 	Monofilament	Blue	18.0" (45.0 cm)	—	SPP-35	—	—

PTFE

Needle	Material	Color	Length	Suture Size	5-0	4-0	3-0
FS-2 (C6) 19.0 mm - 3/8 Circle Reverse Cutting 	Monofilament	White	24.0" (60.0 cm)	—	—	—	STFS-23
FS-3 (C22)16.0 mm - 3/8 Circle Reverse Cutting 				—	—	STFS-34	STFS-33
P-3 (C3) 13.0 mm - 3/8 Circle Premium Reverse Cutting 				—	STP-35	STP-34	—
PS-2 (PC31) 19.0 mm - 3/8 Circle Premium Reverse Cutting 				—	—	STPS-24	—
TF (T22) 13.0 mm - 1/2 Circle Taper Point 				—	—	STTF-04	—

Maxxeus PTFE sutures have a CobraBlack® matte finish.

Silk

Needle	Material	Color	Length	Suture Size		4-0	3-0
FS-2 (C6) 19.0 mm - 3/8 Circle Reverse Cutting 	Braided	Black	18.0" (45.0 cm)	—	—	SSFS-24	SSFS-23

All sutures are packaged 12 units per package.

Common Procedures Guide

Common procedures for each graft are listed below. These recommendations are based off of Maxxeus dental customers' tissue usage reporting and are not inclusive of all procedures and graft usages. Final graft usage is at the clinician's sole discretion.

Graft Type	Socket Preservation	Immediate Implant Placement	Periodontal Defect	Sinus Augmentation	Ridge Augmentation
Allograft Bone Particulates 	●	●	●	●	●
Xenograft Particulates 	●	●		●	●
DBM Putty 	●	●	●	●	●
DBM Fibers 	●	●	●	●	●
Barrier Membrane 	●	●	●	●	●
Laminar Bone 	●	●	●	●	●
Block Graft 					●
Wound Dressing 	Denture Sores, Oral Ulcers (Non-Infected or Viral), Periodontal Surgical Wounds, Suture Sites, Burns, Extraction Sites, Traumatic Wounds				

Graft Volume	Socket Preservation	Immediate Implant Placement	Periodontal Defect	Sinus Augmentation	Ridge Augmentation
0.25 cc	●	●	●		
0.5 cc	●	●	●		
1.0 cc	●	●	●		●
2.0 cc	●			●	●

Ordering Information

With a dedicated customer service team and sales representatives around the world, we provide premium service to all our customers no matter the size of your practice.

- All grafts will be delivered FedEx Ground unless requested otherwise at the time of ordering.
- Orders shipping via air will ship same day if order is received before 5pm EST, Monday through Friday.
- All other orders ship next business day, excluding holidays.
- Place orders via telephone at 855-MAXXEUS Monday through Friday 8am-7pm EST.
- Place orders online 24/7 at www.maxxeusdental.com.
- All orders require a major credit card to ensure processing and shipment. We accept Visa, Mastercard, American Express, and Discover

Return Policy

- All return orders require a Return Authorization (RA) number before product may be returned for credit. Please contact the Maxxeus Customer Service Team to obtain a RA number.
- Products may be returned within 30 days of order, providing the integrity of the products and packaging has not been compromised.
- All return orders are subject to a re-stocking fee of $50 for each order returned for credit. This fee will help cover resources that were used to service the graft request.

Computer/Tablet/Mobile
www.maxxeusdental.com

Toll-Free Phone
855-MAXXEUS

Reserve your grafts today and receive free FedEx Ground shipping on orders over $600.



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