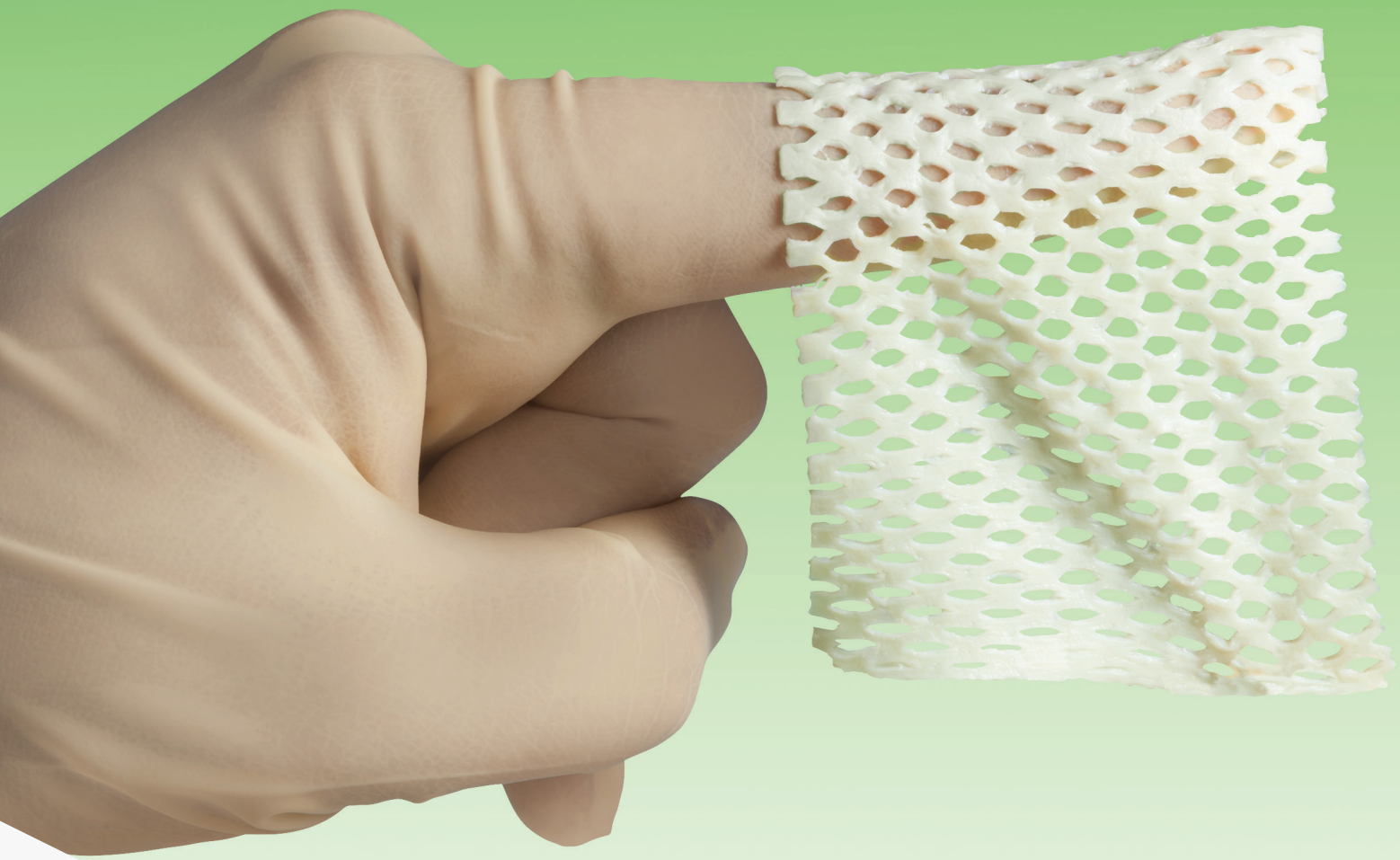
AlloPatch®
ALLOGRAFT DERMAL MATRIX
PLIABLE MESHED

An ideal superstructure expanding your treatment options



mtfbiologics®
Wound Care

AlloPatch®

ALLOGRAFT DERMAL MATRIX

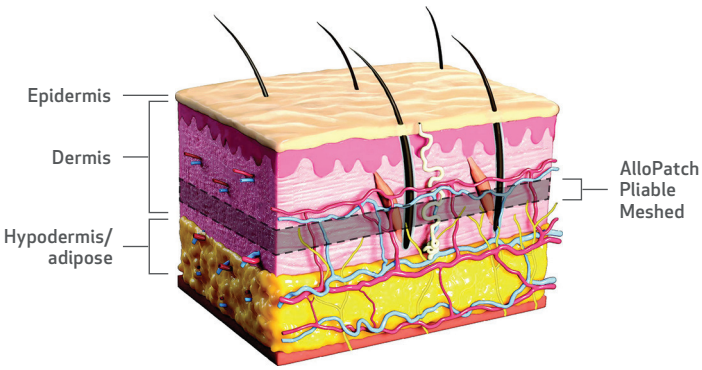
PLIABLE MESHED

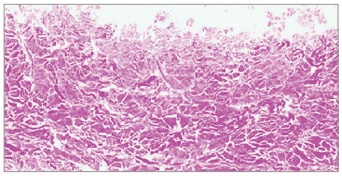
AlloPatch® Pliable Meshed is an acellular human reticular dermal allograft with a unique meshed design that allows for optimal drainage and incorporation.

AlloPatch Pliable Meshed Provides an Ideal Superstructure for Soft Tissue Repair

Reticular Dermal Structure

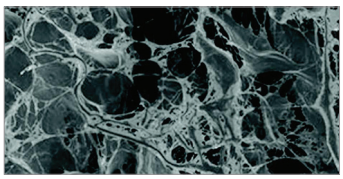
AlloPatch Pliable Meshed is processed from a deeper layer of the tissue to isolate the reticular dermis. The resulting allograft serves as a framework to support cellular repopulation and vascularization.





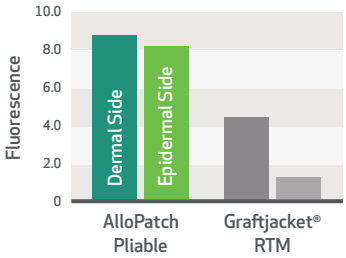
1 Uniform on Both Sides: No Polarity

- No specific orientation needed during placement
- Graft can be placed on either side and cells will attach



2 Open Architecture

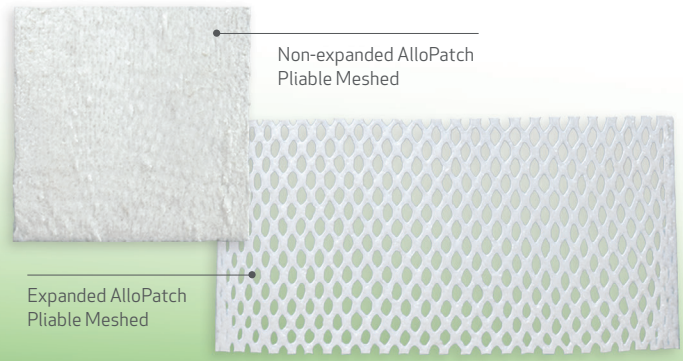
- Greater surface area for cell attachment and increased cell infiltration
- Supports tissue integration



3 Greater Fibroblast Attachment

- 5x greater fibroblast attachment (epidermal side)
- 2x greater fibroblast attachment (dermal side)

AlloPatch Pliable Meshed Expands 170% to Accommodate Wounds of Various Sizes



Unique Meshing for Optimal Coverage and Treatment

- Meshed pattern allows the graft to stretch significantly from its original size, providing flexibility and conformity
- Large interstices allow for fluid egress in exuding wounds
- Compatible with other common advanced wound care modalities like negative pressure wound therapy

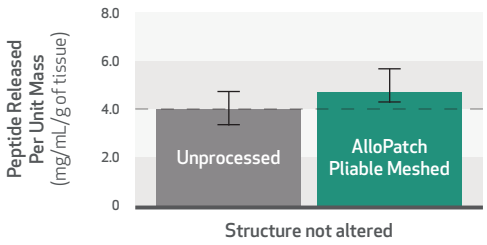
Our Proprietary Aseptic Process

MTF Biologics' aseptic processing results in a graft that is as similar as possible to native tissue. Our aseptically processed grafts have a sterility assurance level of 10^{-6} equal to terminally sterilized grafts.

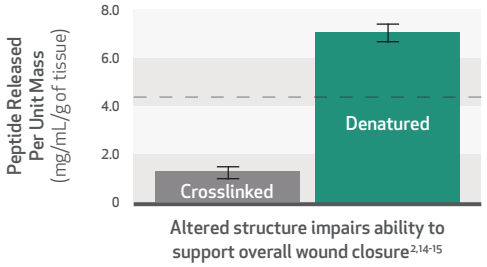
Prevents Crosslinking and Degradation

Results in a more stable graft that supports long-term integration and remodeling.

Aseptic Processing: Similar to Native Tissue



Terminally Sterilized: Dissimilar to Native Tissue



Retains Key Matrix Proteins and Native Structure

Aseptic processing retains native architecture along with key matrix proteins.

Key ECM Components	Present in Native Tissue	Allopatch Pliable Meshed
Collagen I	✔	✔
Collagen III	✔	✔
Collagen IV	✔	✔
Collagen VI	✔	✔
Elastin	✔	✔
Glycosaminoglycans (GAGs)	✔	✔
Hyaluronic Acid	✔	✔

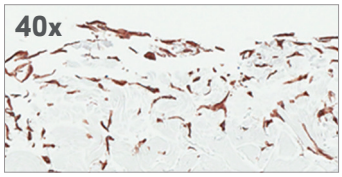
Robust Scientific and Clinical Evidence

In Vivo Studies Show AlloPatch Pliable Meshed:

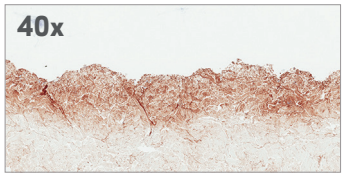
1. **Provides structural coverage that supports early re-epithelialization** without the need for substantial granulation tissue formation by the host first
2. **Can help skip early activities like granulation tissue formation for later activities** such as re-epithelialization and incorporation/ remodeling (provides a 3D uniform scaffold)
3. **Is useful for deep wounds** and exposed structures thanks to its thickness

Dolivo, et al. Exp Cell Res. 2021

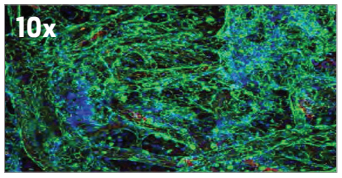
In Vitro Results Highlight Wound Closure Activities



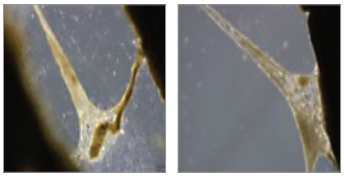
Cell infiltration
50% of thickness by day 14



Granulation support
New connective tissues and microscopic blood vessels form



Angiogenesis
New tubes form

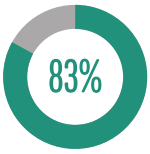


New matrix formation
Cells create new matrix spanning the interstices

Clinical Results Show Wound Closure for DFUs

Zelen et. al. 80 Patient Prospective, Multi-center RCT in DFU[12]

- 80% vs. 20% wounds closed in 12 weeks
- Lowest published graft cost to closure of any similar prospective 12 week DFU study



Zelen et. al. Retrospective, Crossover Study in DFU[13]

- 83% of wounds closed at 12 weeks
- 70% wound area reduction in one treatment

MTF Biologics' Wound Care Franchise strives to improve soft tissue and wound healing outcomes in high-risk patients by delivering versatile, innovative, and evidence-based biologic solutions.

We're driven to advance science through research and dedicated to providing quality tissue for a variety of medical purposes. Since our founding in 1987, over ten million grafts have been distributed to save and heal countless lives.

Ordering and Service Information:

SIZE (W x L)	AREA WITHOUT EXPANSION	PREDICTED EXPANDED AREA*	ORDER #	UPC CODE
2 cm x 2 cm	4 sq. cm	6.7 sq. cm	WC0222	840045720507
4 cm x 4 cm	16 sq. cm	27 sq. cm	WC0424	840045720514
4 cm x 8 cm	32 sq. cm	54 sq. cm	WC0448	840045720521

HCPCS CODE	DESCRIPTION
Q4128	AlloPatch, per cm^2

*MTF Biologics data on file. Dimensions are based on MTF Biologics R&D data on file and may slightly differ due to natural graft-to-graft variability.

MTF BIOLOGICS CUSTOMER SERVICE

Orders: mtfop@mtf.org
All other inquiries: mtfcs@mtf.org

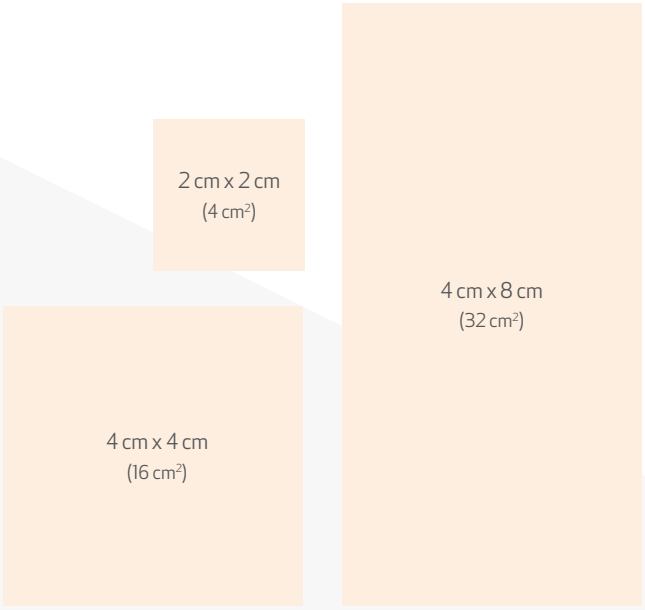
1-800-433-6576

MTF BIOLOGICS REIMBURSEMENT SUPPORT

The Pinnacle Health Group, Inc.
mtf@thepinnaclehealthgroup.com

1-866-369-9290

Illustrations are actual size.



1. Zelen CM, et al. *Int Wound J.* 2018 Oct; 15(5):731-739. | 2. Zelen CM, et al. *Int Wound J.* 2017 Apr; 14(2):307-315 | 3. Chnari E, et al. *SAWC FALL 2014* | 4. Madans A, et al. *SAWC FALL 2016* | 5. Phipps A, et al. 2017 | 6. Dasgupta A, et al. *Poster presented at SAWC Spring 2016,* Atlanta, GA. | 7. Chnari E, et,al. *Poster presented at SAWC Spring 2015,* San Antonio, TX. | 8. Dasgupta A, et al. *Plast Reconstr Surg Glob Open.* 2016. Oct4;4(10):e1065 *eCollection* 2016 Oct | 9. Zelen CM, et al. *Wounds.* 2017 Feb;29(2):39-45 | 10. Dearth CL, et al. *Acta Biomater.* 2016 Mar. 33:78-87. doi: 10.1016/j.actbio.2016.01.038. Epub 2016 Jan 27 | 11.Debels H, et al. *Plast Reconstr Surg Glob Open.* 2015. Feb 6;3(1):e284. doi:10.1097/GOX. 0000000000000219. eCollection 2015 | 12. Dolivo D, et al. *Cytotherapy.* 2021 Jan. 23(8): 672-676. doi:10.1016/j.jcyt.2020.11.009. | 13. Gidwani M, et al. *Poster presented at SAWC Fall 2019,* Las Vegas, NV.

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