

A Reticular  
Layer of Dermal  
Tissue with an  
Integration-Loving  
Architecture

  
**AlloPatch**<sup>®</sup>  
ALLOGRAFT DERMAL MATRIX  
**PLIABLE**

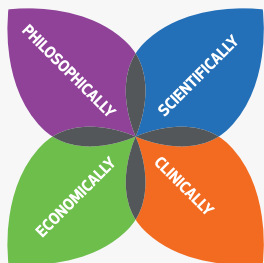


# AlloPatch<sup>®</sup>

ALLOGRAFT DERMAL MATRIX  
**PLIABLE**

AlloPatch<sup>®</sup> Pliable is intended to serve as a framework to support cellular repopulation and vascularization in the wound bed.

Derived from the reticular layer of the dermis, AlloPatch Pliable is an integration-loving matrix with an open and uniform architecture which allows for complete incorporation into the wound bed.



## Different By Design

MTF Biologics is a nonprofit organization that's committed to patients and caregivers, not shareholders. As the leading tissue bank in the world, we're focused on honoring the gift of donation by serving patients and advancing the science of tissue transplantation.

### Philosophically

- We maximize the gift of donation by constantly researching new tissue forms and clinical needs, leading to innovative new solutions
- Our dedication to life-changing and life-saving work has, and always will be, science-driven and patient-focused

### Economically

- Our Level 1 peer reviewed evidence demonstrates our lowest published graft cost to closure<sup>1-3,10</sup>
- Available in multiple sizes to minimize waste

### Scientifically

- Aseptic processing balances tissue safety and quality while ensuring the preservation of biological and biomechanical components<sup>4-7</sup>
- Each lot passes USP<71> Sterility Tests and our validated chemical disinfection method achieves the equivalent of SAL 10<sup>-6</sup> <sup>8</sup>

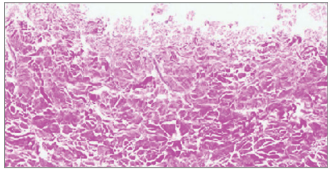
### Clinically

- Our robust offering of data showcases AlloPatch Pliable in support of natural wound closure in 80-83% of chronic wounds<sup>2-3</sup>
- Multiple peer-reviewed prospective Level 1 publications showcase greater closure overall in half the time of standard of care<sup>1-3</sup>

# Processing Matters

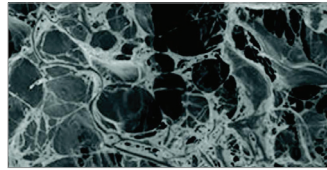
## Aseptic Processing Preserves the Tissue's Natural Scaffold and Integrity

AlloPatch Pliable is processed from a deeper cut of the tissue to isolate the reticular dermal layer. The process utilized preserves the extracellular matrix of the dermis. The resulting allograft serves as a framework to support cellular repopulation and vascularization at the surgical site.<sup>9-11</sup>



Uniform on Both Sides: No Polarity

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

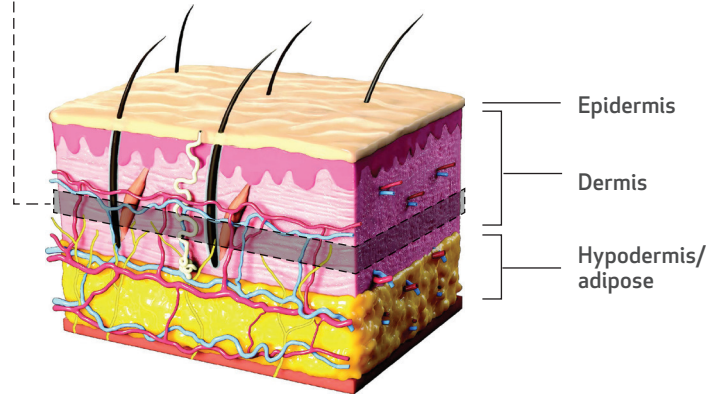


Open Architecture

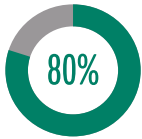
- Greater surface area for cell attachment and increased cell infiltration
- Supports tissue integration

### Novel Deeper Dermal Layer

- More open tissue structure
- Supports cell attachment/infiltration
- Facilitates graft integration



## Scientific & Clinical Evidence in Support of Closure Activities



Zelen et. al. 40 Patient Prospective, Multi-center RCT in DFU<sup>2</sup>

- 80% vs. 20% wounds closed at 12 weeks
- 4.7cm<sup>2</sup> average starting wound size—largest of any similar prospective 12 week DFU study



Zelen et. al. Retrospective, Crossover Study in DFU<sup>13</sup>

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

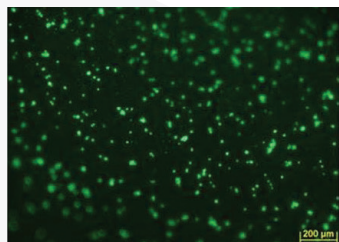


Zelen et. al. 80 Patient Prospective, Multi-center RCT in DFU<sup>2</sup>

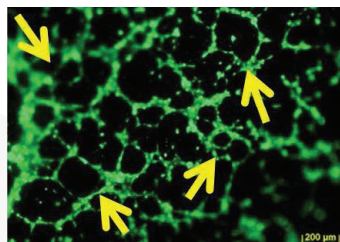
- 80% vs. 20% wounds closed in 12 weeks
- Lowest published graft cost to closure of any similar prospective 12 week DFU study

## AlloPatch Pliable Supports Angiogenesis

Endothelial cells exhibit greater tubular network (evidence of angiogenesis) when exposed to fibroblast secreted growth factors cultured on AlloPatch Pliable



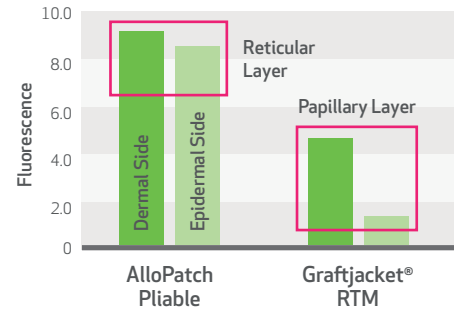
Control: Basal Medium



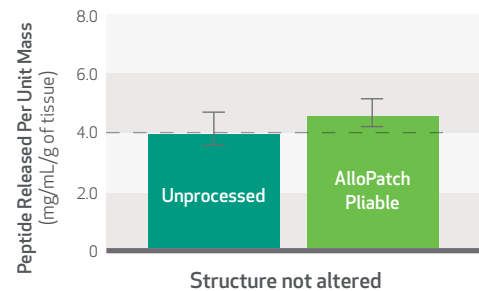
Day 5: Conditioned Media

## Greater and Uniform Cell Attachment

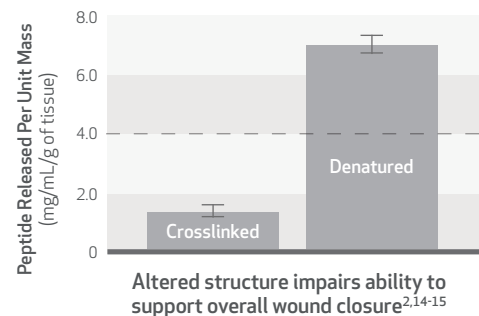
### Greater Fibroblast Attachment



### Aseptic Processing: Similar to Native Tissue



### Terminally Sterilized: Dissimilar to Native Tissue



\*Please see references on back cover

# MTF Biologics is a nonprofit organization dedicated to offering the highest quality tissue solutions, without compromise.

Since our founding in 1987, we've been committed to providing quality tissue for a variety of medical purposes. We constantly strive to improve natural healing outcomes by advancing the science of tissue processing through research. Throughout our history, we're honored to have distributed more than 9 million grafts that have been used to save and heal lives.

## Ordering and Service Information:

SIZE (W x L)	THICKNESS	QUANTITY	ORDER NO.	UPC
1.5cm x 1.5cm	0.4-1.0mm	1 ea.	<b>WC1515</b>	<b>840045711833</b>
2cm x 2cm	0.4-1.0mm	1 ea.	<b>WC0202</b>	<b>840045711802</b>
4cm x 4cm	0.4-1.0mm	1 ea.	<b>WC0404</b>	<b>840045711819</b>
4cm x 8cm	0.4-1.0mm	1 ea.	<b>WC0418</b>	<b>840045711826</b>

HCPCS CODE	DESCRIPTION
Q4128	AlloPatch, per cm <sup>2</sup>

Illustrations are actual size.

### MTF BIOLOGICS CUSTOMER SERVICE

Orders: [mtfop@mtf.org](mailto:mtfop@mtf.org)

All other inquiries: [mtfcs@mtf.org](mailto:mtfcs@mtf.org)

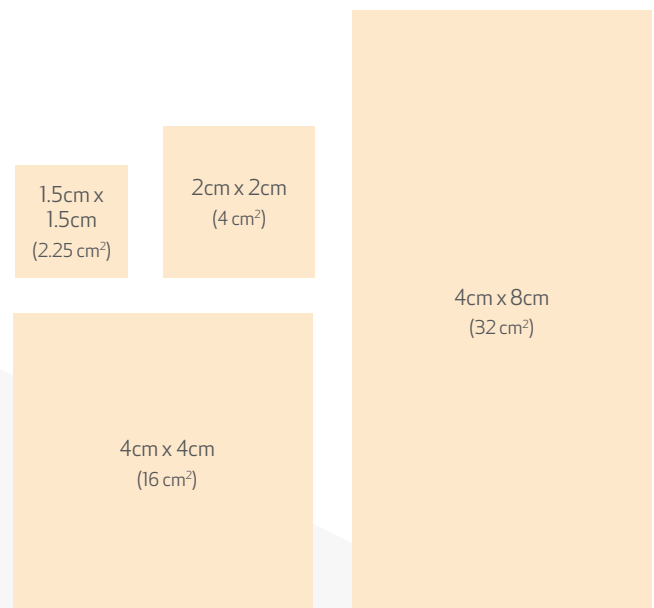
**1-800-433-6576**

### MTF BIOLOGICS REIMBURSEMENT SUPPORT

The Pinnacle Health Group, Inc.

[mtf@thepinnaclehealthgroup.com](mailto:mtf@thepinnaclehealthgroup.com)

**1-866-369-9290**



1. Paulos, M. & Papadopoulos, D. *Poster presented at Diabetic Limb Salvage Conference*, September 22-24, 2011, Washington, DC. | 2. Zelen CM, et al. *Int Wound J.* 2018 Oct; 15(5):731-739. | 3. Zelen CM, et al. *Int Wound J.* 2017 Apr; 14(2):307-315 | 12(4). Chnari E, et al. *SAWC FALL 2014* | 5. Huang YC, et al. *SAWC SPRING 2015* | 16. Dasgupta A, et al. *SAWC SPRING 2016* | 7. Madans A, et al. *SAWC FALL 2016* | 8. Phipps A, et al. 2017 | 9. Dasgupta A, et al. *Poster presented at SAWC Spring 2016*, Atlanta, GA. | 10. Chnari E, et al. *Poster presented at SAWC Spring 2015*, San Antonio, TX. | 11. Dasgupta A, et al. *Plast Reconstr Surg Glob Open.* 2016. Oct 4; 4(10):e1065 eCollection 2016 Oct | 12. Gurtner GC, et al. *Nature.* 2008 May 15. 453(7193):314-21. doi:10.1038/nature07039 | 13. Zelen CM, et al. *Wounds.* 2017 Feb; 29(2):39-45 | 14. Dearth CL, et al. *Acta Biomater.* 2016 Mar. 33:78-87. doi: 10.1016/j.actbio.2016.01.038. Epub 2016 Jan 27 | 15. Debels H, et al. *Plast Reconstr Surg Glob Open.* 2015. Feb 6; 3(1):e284. doi:10.1097/GOX.0000000000000219. eCollection 2015



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