

Developed to
Replace or Restore
Complex Soft
Tissue Deficiencies

SomaGen[®] Meshed is an acellular human reticular dermal allograft developed to provide a protective supplemental support scaffold to replace or restore areas of damaged or inadequate integumental tissue in a variety of complex soft tissue and wound procedures.

The biocompatible, pre-meshed design provides immediate coverage and allowing tissue integration, supporting wound closure by secondary intention or serving as an effective option within staged reconstructive approaches. This design may reduce operative time by eliminating the need for manual meshing while integrating seamlessly into established surgical techniques.

Developed Differently

Philosophically:

- We maximize the gift of donation by continuously developing innovative tissue forms that address clinical needs.
- The unique lattice design allows for greater surface-area coverage without requiring large graft sizes.

Scientifically:

- The only pre-meshed reticular layer of dermal tissue on the market, providing architecture compatible with native dermis.
- Aseptic processing achieves sterility equivalent to implantable medical devices—without tissue-degrading irradiation.
- The open, uniform architecture allows for cellular infiltration and attachment, supporting tissue integration and restoration of a protective barrier.

Economically:

- Long shelf life with ambient-temperature storage.
- Eliminates the need for intra-operative meshing equipment and may eliminate the need for autologous skin grafts.
- Each pre-meshed graft expands up to ~170%, maximizing coverage efficiency.

Clinically:

- Flexible and conformable for various anatomical sites and may be used in deep donor sites.
- Meshed pattern supports effective fluid drainage across the surgical site.



The Science Behind the Mesh

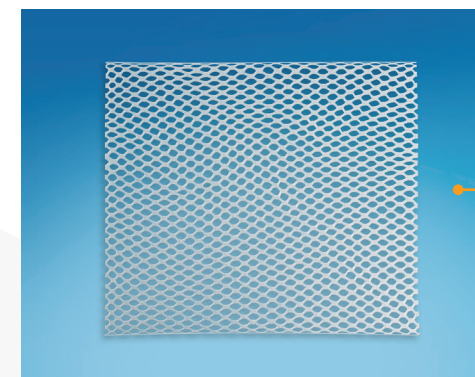
SomaGen[®] Meshed is designed for large and complex soft tissue defects. Its lattice-based slit architecture allows the graft to conform and expand to the size and topography of the soft tissue defect.

- Compatible with commonly used advanced soft tissue management modalities.
- Large slits allow wound fluid egress while supporting cellular repopulation and matrix integration.
- The pre-meshed pattern provides flexibility, conformability, and expansion of up to ~170% from its original size.

SomaGen[®] Meshed
EXPANDS ~170%
to accommodate wounds of various sizes



Non-expanded SomaGen Meshed

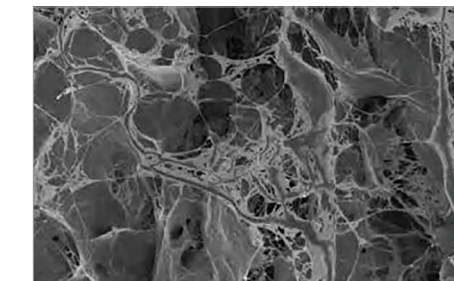


Expanded SomaGen Meshed

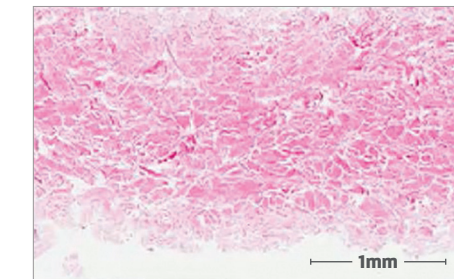
Scaffold Performance

SomaGen[®] Meshed supports the restoration of a protective dermal barrier through an open architecture that supports cellular infiltration.

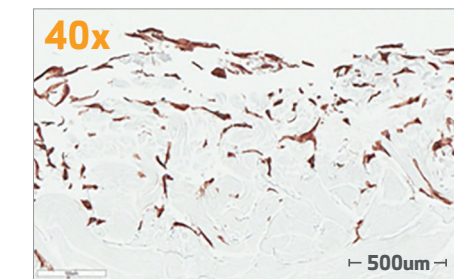
Reticular dermis, the foundation of SomaGen[®], exhibits a uniform, open microscopic architecture that provides an ideal scaffold for dermal repair and integration.



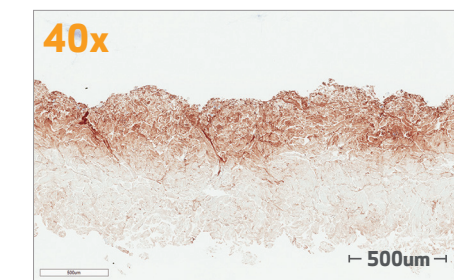
Scanning electron microscopy shows open architecture
(allowing for greater cell infiltration)



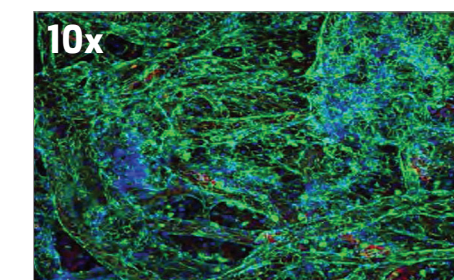
H&E staining shows uniform structure
(no sidedness)



IHC staining indicates cell infiltration
(50% of thickness on Day 14)



IHC staining shows granulation support
(new connective tissue and microscopic blood vessels)



Confocal image shows angiogenesis
(new tube formation)

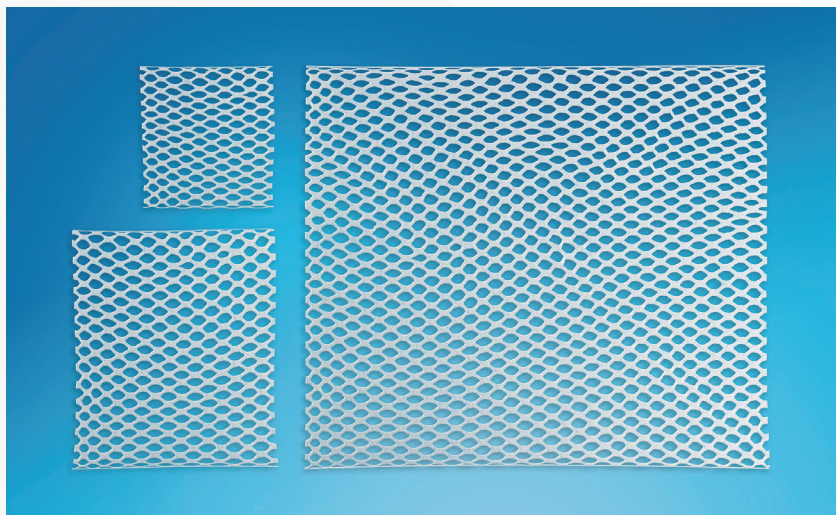
MTF Biologics is a nonprofit organization dedicated to providing the highest quality tissue solutions—without compromise.

Driven to advance science through research and innovation, we honor the gift of donation. Since 1987, more than 12 million grafts have been distributed to restore and improve patients' lives.

Ordering and Customer Service Information:

ORDER NO.	SIZE (W x L)	AREA WITHOUT EXPANSION	PREDICTED EXPANDED DIMENSIONS (W x L)*	PREDICTED EXPANDED AREA*	UPC CODE
WC 2068	6 x 8 cm (2.36 x 3.15 in)	48 cm ²	10.9 x 7.5 cm (4.29 x 2.95 in)	81 cm ²	840045715275
WC 2812	8 x 12 cm (3.15 x 4.72 in)	96 cm ²	14.5 x 11.2 cm (5.71 x 4.41 in)	162 cm ²	840045715282
WC 2115	10 x 15 cm (3.94 x 5.91 in)	150 cm ²	18.1 x 14 cm (7.13 x 5.51 in)	253.12 cm ²	840045717378
WC 2325	13 x 25 cm (5.12 x 9.84 in)	325 cm ²	23.5 x 23.3 cm (9.25 x 9.17 in)	548.32 cm ²	840045717385

*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

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MTF BIOLOGICS REIMBURSEMENT SUPPORT

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