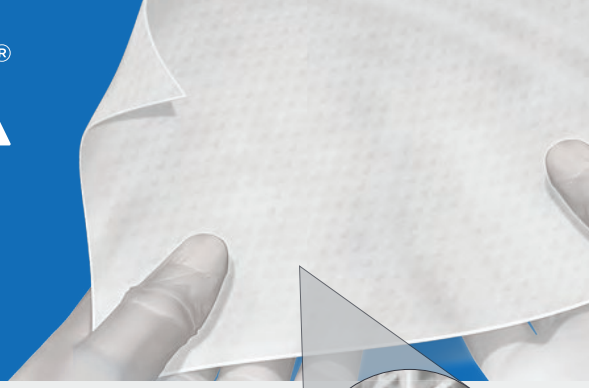
RESTRATA®

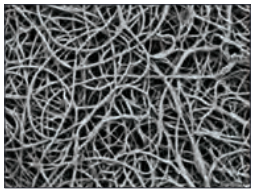
Synthetic Hybrid-Scale Fiber Matrix



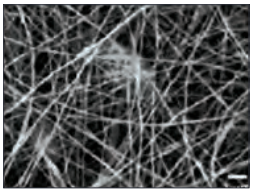
Resorbable Electrospun Matrix

FDA clearance: April 2017

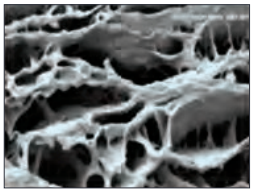
Restrata is engineered to be structurally similar to native human extracellular matrix[5]



Restrata's Hybrid-Scale Fibers



Human Tissue



Xenogenic Collagen

Restrata hybrid-scale fiber matrix features:

- Fiber size and structure supports cellular ingrowth and retention[1, 2]
- Porosity supports granulation and vascularization[2]
- Controlled resorption rate via hydrolysis[2]
- Resistant to enzymatic degradation[2]
- Excellent biocompatibility[1, 2]
- Tensile strength similar to human skin[1]
- Slightly acidic byproducts, potentially lowering pH of local microenvironment[4]

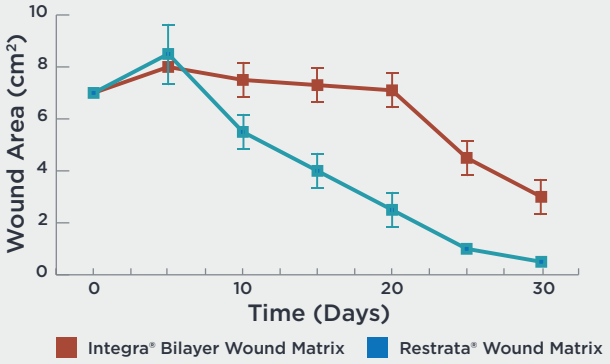
85% of wounds treated with Restrata achieved complete closure at 12 weeks, with an average time to complete wound healing of 4.8 +/- 3.0 weeks[3]

Closure in multiple wound types[3]	All wounds (n=82)	DFUs (n=34)	VLUs (n=34)	Other wounds (n=14)
Complete wound closure at 6 weeks Number of wounds, n (%)	53 (64.6%)	21 (61.8%)	23 (67.6%)	9 (64.3%)
Complete wound closure at 12 weeks Number of wounds, n (%)	68 (85.0%)	28 (84.8%)	30 (90.9%)	10 (71.4%)
Mean ± SD	**4.8 ± 3.0**	**4.7 ± 2.7**	**5.3 ± 3.4**	**3.7 ± 2.7**

Restrata is indicated for a variety of conditions including:[5]

- Surgical and trauma wounds
- Partial and full-thickness wounds
- Acute and chronic wounds
- Tunneling and exudating wounds
- VLUs, DFUs and pressure ulcers
- Burns

Restrata demonstrated increased granulation, neovascularization and epithelialization versus Integra Bilayer Wound Matrix in a large animal model[2]

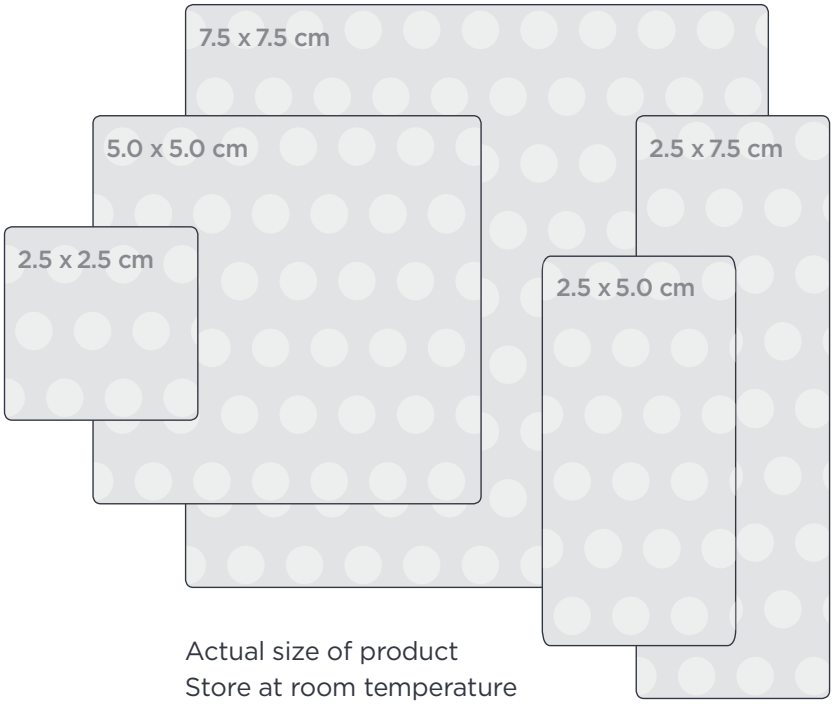


100% of wounds treated with Restrata were **granulated after 15 days,** compared to 20-50% of wounds treated with Integra Bilayer Wound Matrix[2]

RESTRATA®

Synthetic Hybrid-Scale Fiber Matrix

Size up to 10 x 12.5 cm



Actual size of product
Store at room temperature

Part Number	Size (cm)	Size (in)
RWM1-1X1	2.5 x 2.5	1 x 1
RWM1-1X2*	2.5 x 5.0	1 x 2
RWM1-1X3	2.5 x 7.5	1 x 3
RWM1-2X2	5.0 x 5.0	2 x 2
RWM1-3X3	7.5 x 7.5	3 x 3
RWM1-4X5*	10.0 x 12.5	4 x 5

*Available as open market purchase items in VA facilities.

How to Order

Call/fax Acera Customer Service **(844) 879-2237**

Or visit **acera-surgical.com**

FSS #V797P-36F79718D0525

ACERA SURGICAL®

Acera Surgical, Inc. ("Acera," St. Louis, MO) is a bioscience company commercializing a portfolio of synthetic hybrid-scale fiber matrices for medical applications.

Made in USA

Serving our veterans

Restrata is easy to use

- Terminally sterilized
- Two-year shelf life
- No human or animal tissue components—no special storage and handling requirements
- Six available sizes to reduce waste and cost
- No requirement for specific orientation when implanting
- Suitable for use in patients with specific ethnic or religious objections to tissue grafts
- Store at ambient temperature for off-the-shelf use

Restrata is easy to apply

1. **Select** appropriate size
2. **Fenestrate** if desired
3. **Cut** to fit
4. **Hydrate** as needed
5. **Fixate** with Steri-Strips, staples, or sutures

References

1. MacEwan MR, MacEwan S, Kovacs TR, et al. (October 2, 2017) What Makes the Optimal Wound Healing Material? A Review of Current Science and Introduction of a Synthetic Nanofabricated Wound Care Scaffold. *Cureus Journal of Medical Science* 9(10): e1736. doi:10.7759/cureus.1736
2. MacEwan MR, MacEwan S, Wright AP, et al. (August 27, 2017) Comparison of a Fully Synthetic Electrospun Matrix to a Bi-Layered Xenograft in Healing Full Thickness Cutaneous Wounds in a Porcine Model. *Cureus Journal of Medical Science* 9(8): e1614. doi:10.7759/cureus.1614
3. Regulski M, MacEwan M; Implantable Nanomedical Scaffold Facilitates Healing of Chronic Lower Extremity Wounds. *Wounds*. August 2018; Vol 30. No.8
4. Data on file
5. MKG-20002 IFU