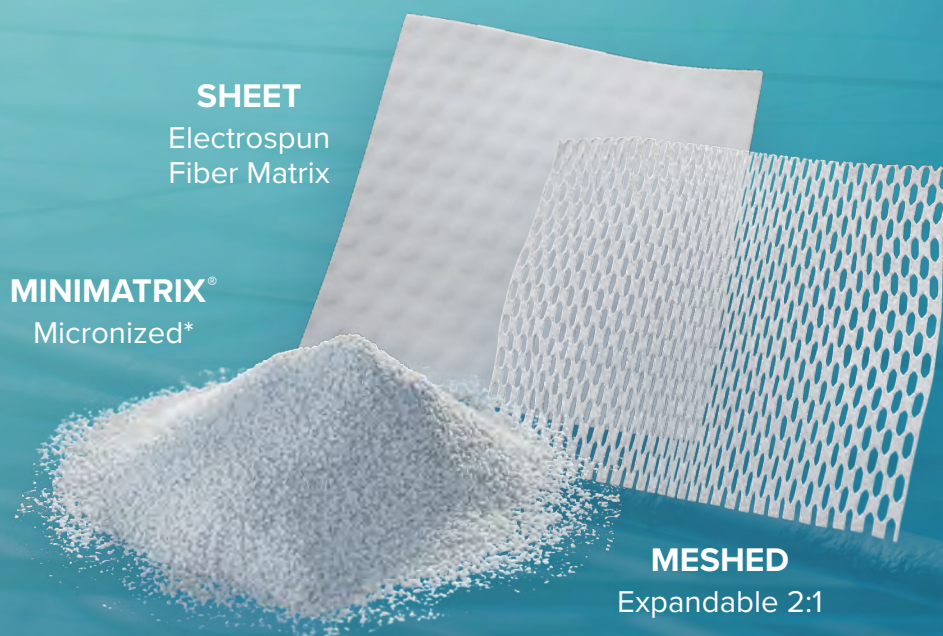


RESTRATA[®]

ELECTROSPUN FIBER MATRIX

Platform Technology



**ACERA
SURGICAL[®]**

A Solventum company

Revolutionizing Healing. Changing Lives.

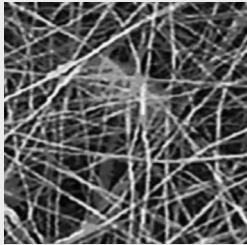
*Restrata MiniMatrix indicated
for wound management only

RESTRATA[®]

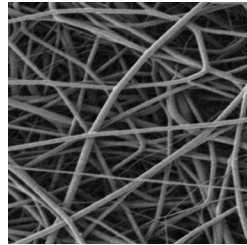
FOR
SOFT TISSUE HEALING

Indicated for wound management including surgical, full-thickness, and traumatic wounds.¹²

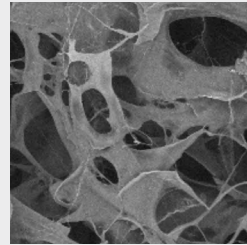
Restrata[®] supports early intervention and rapid healing to streamline care and improve outcomes from head to toe.^{1,2,9}



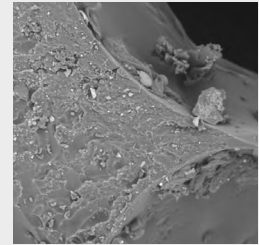
Human Tissue



RESTRATA[®]



Xenogenic Collagen



Foam Synthetic

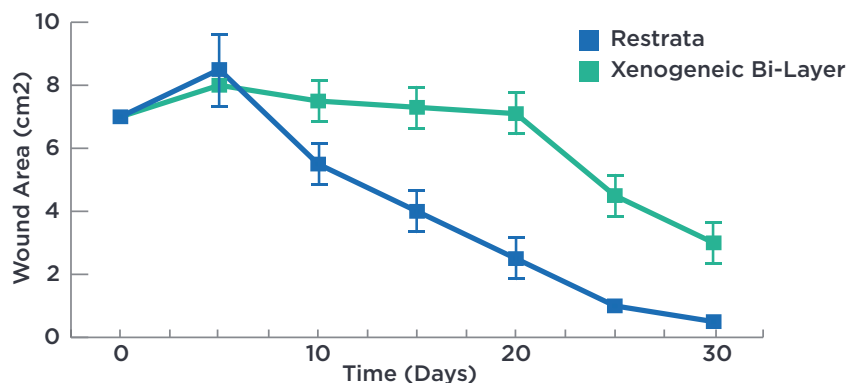
Unlike competitive matrices, Restrata resembles the structure and scale of human ECM.¹

Restrata for Soft Tissue Healing features and benefits include:

- Resists enzymatic degradation, maintaining its structure to support soft tissue formation before fully resorbing via hydrolysis^{1,3,6-8}
- Is fully synthetic, free of human or animal tissue, and does not require temperature monitoring or tissue tracking^{12,14,26}
- Performs in hostile wound environments¹⁹
- Demonstrates minimal inflammatory response, neovascularization, and organized collagen deposition in newly formed tissue following application of Restrata^{1,2,32}
- Reports an average skin graft take rate of over 95% in a compendium of clinical publications of acute surgical wound reconstruction¹³
- Supported by numerous peer-reviewed publications including Level I clinical evidence¹³
- May offer cost efficiencies in the OR by reducing product applications and wastage with 3 form factors and 19 sizes

Restrata vs. Xenogenic Bi-Layer

Histopathological analysis from both a preclinical porcine comparative study and a clinical publication demonstrate that Restrata facilitates rapid, high-quality tissue regeneration in full-thickness wounds.^{1,32}



Wounds treated with Restrata achieved 100% coverage with increased neovascularization and mature collagen by Day 15, compared to only 20-50% coverage in wounds treated with a market leader.¹

Patient Healing Example



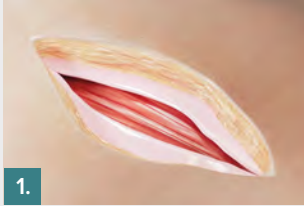
Single application of Restrata



Three weeks after application:
Well-vascularized tissue coverage



Restrata offers mechanical support for closures that may be at risk of wound breakdown or dehiscence.^{14,15}



1.
Prepare defect site for device placement



2.
Trim Restrata to desired size and place in the defect site



3.
Securely anchor Restrata using method of choice, avoiding excess tension



4.
Complete surgical closure and postoperative measures

Technique Overview

Restrata for Soft Tissue Reinforcement features and benefits include:

- Designed to mitigate wound breakdown or dehiscence, potentially reducing complications in high-risk patients and threatened closures^{14,15,20,21}
- When implanted underneath a primary skin closure, offers subcutaneous mechanical support to areas at risk of post-surgical complications^{14,15}
- Tensile strength similar to human skin and maintains some strength for 7-10 days after implantation, reinforcing subcutaneous closure during the 5-10 day window where the risk of dehiscence is the greatest.^{2,22-24,28,31}

Restrata vs. Intact Fish Skin

Results from a pre-clinical porcine model where both Restrata and intact fish skin were used to reinforce soft tissue:²³

Day 3

- Tissue reinforced by Restrata was 49% stronger than tissue reinforced by fish skin

Day 10

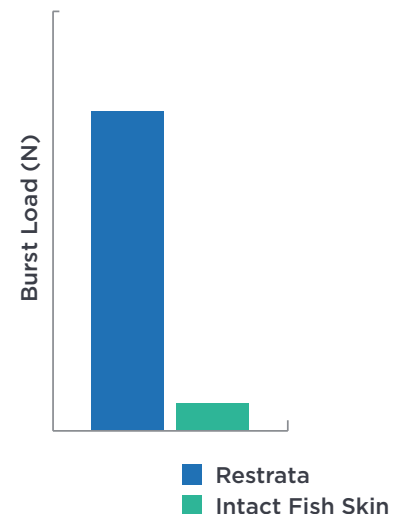
- Tissue reinforced by Restrata was 21% stronger than tissue reinforced by fish skin
- Restrata was observed to be more persistent (less degraded) than fish skin
- Restrata had a lower tissue reactivity score compared to fish skin



Histological Images of Ex Vivo Tissue Samples on Day 10²³

Results from a benchtop study:

In a benchtop study, after 72 hours of pre-conditioning designed to simulate in vivo conditions, Restrata's burst strength was 23X stronger than intact fish.²⁴



Actual size of products when printed on 8.5" x 11" paper



Restrata Sheet



Restrata Meshed 2:1



RWM1-5X7

12.5 x 17.5 cm sheet



RMESH-5X7

12.5 x 17.5 cm meshed 2:1



RWM1-4X5

10 x 12.5 cm sheet



RMESH-4X5

10 x 12.5 cm meshed 2:1



RWM1-3X3

7.5 x 7.5 cm sheet



RMESH-3X3

7.5 x 7.5 cm meshed 2:1



RWM1-2.5x7

6.3 x 17.5 cm sheet



RMESH-2.5x7

6.3 x 17.5 cm meshed 2:1



RWM1-2X2

5 x 5 cm sheet



RMESH-2X2

5 x 5 cm meshed 2:1



RWM1-1.5X2

3.8 x 5 cm sheet



RMESH-1.5X2

3.8 x 5 cm meshed 2:1



RWM1-1X1

2.5 x 2.5 cm sheet



RWM1-0.5X1

1.3 x 2.5 cm sheet



RWM1-1X3

2.5 x 7.5 cm sheet



RWM1-1X2

2.5 x 5 cm sheet

Indicated for Wound Management and Soft Tissue Reinforcement

RESTRATA SHEET

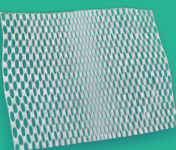
SOLID CONFIGURATION



Part #	Description	Coverage (cm ²)
RWM1-0.5X1	Restrata Wound Matrix 1.3 x 2.5 cm	3.25
RWM1-1X1	Restrata Wound Matrix 2.5 x 2.5 cm	6.25
RWM1-1X2	Restrata Wound Matrix 2.5 x 5 cm	12.50
RWM1-1.5X2	Restrata Wound Matrix 3.8 x 5 cm	18.75
RWM1-1X3	Restrata Wound Matrix 2.5 x 7.5 cm	18.75
RWM1-2X2	Restrata Wound Matrix 5.0 x 5.0 cm	25.00
RWM1-3X3	Restrata Wound Matrix 7.5 x 7.5 cm	56.25
RWM1-2.5x7	Restrata Wound Matrix 6.3 x 17.5cm	112.75
RWM1-4X5	Restrata Wound Matrix 10 x 12.5 cm	125.00
RWM1-5x7	Restrata Wound Matrix 12.5 x 17.5 cm	225.00

RESTRATA MESHED

MESHED 2:1



Part #	Description	Coverage (cm ²)
RMESH-1.5X2	Restrata Meshed 3.8 x 5.0 cm	19 up to 38
RMESH-2X2	Restrata Meshed 5.0 x 5.0 cm	25 up to 50
RMESH-3X3	Restrata Meshed 7.5 x 7.5 cm	56 up to 112
RMESH-2.5x7	Restrata Meshed 6.3 x 17.5 cm	112 up to 225
RMESH-4X5	Restrata Meshed 10.0 x 12.5 cm	125 up to 250
RMESH-5x7	Restrata Meshed 12.5 x 17.5 cm	225 up to 450



Scan to access all product IFUs and Reference List

HOW TO ORDER RESTRATA:

Call Acera Customer Service at (844) 879-2237 or email restrata_orders@solventum.com

WWW.ACERA-SURGICAL.COM

Indicated for Wound Management Only

RESTRATA MINIMATRIX®

MICRONIZED



Part #	Description	Coverage (cm ²)
RMINI-100	Restrata MiniMatrix 100 mg	10 up to 20
RMINI-250	Restrata MiniMatrix 250 mg	25 up to 50
RMINI-500	Restrata MiniMatrix 500 mg	50 up to 100
RMINI-1000	Restrata MiniMatrix 1000 mg	100 up to 200
RMINI-2000	Restrata MiniMatrix 2000 mg	200 up to 400



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