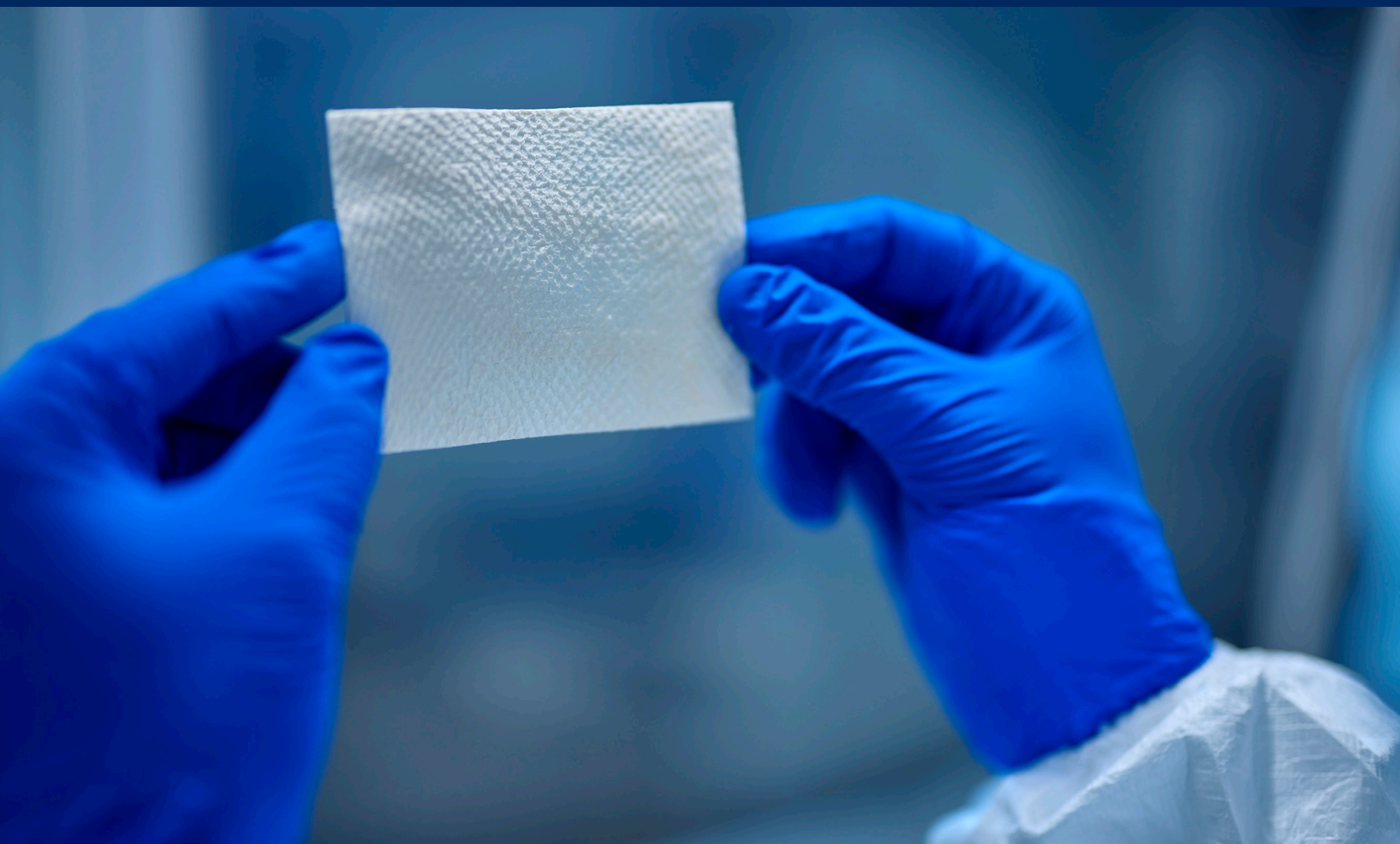
KERECIS®

SurgiClose®

Fish skin application for Surgical Wounds



SurgiClose®

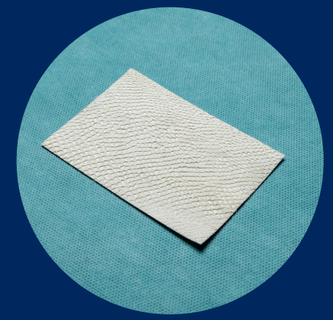
SurgiClose is intact fish skin intended for the management of trauma wounds and surgical wounds in the operating room. Because there is no known risk of viral or prion disease transfer from North-Atlantic cod to humans, the fish skin only needs mild processing with our proprietary method.[2]

This process preserves the skin's natural qualities,[2] including: its three-dimensional structure, mechanical properties, molecular organization, and composition.[1-4]

The product is homologous to human skin[1] and when applied to damaged tissue, such as partial thickness burns or wounds, helps to support the body's own cells to regenerate tissue.[5-12]



SurgiClose®



SurgiClose is intact fish skin that comes in various sizes and variations. This includes solid and 2:1 meshed.



Intended Use

- Partial and full thickness wounds
- Chronic vascular ulcers
- Draining wounds
- Diabetic ulcers
- Pressure ulcers
- Surgical wounds (donor sites/grafts, post-Mohs surgery, post-laser surgery, podiatric, wound dehiscence)
- Trauma wounds (abrasions, lacerations, partial thickness burns, skin tears)

Features and Benefits

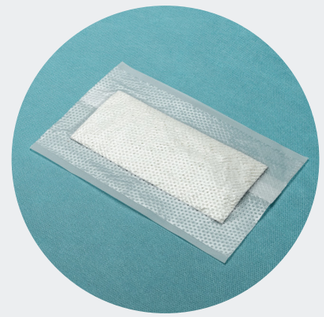
- Promotes incorporation and cell ingrowth[1]
- Preserved microstructure facilitates dermal regeneration[1]
- Rapid neovascularization through naturally porous skin structure[1]
- Natural barrier protecting against environmental threats[1]

SurgiClose® Micro



SurgiClose Micro is intact fish skin that has been fragmented. It offers more surface area than the non-fragmented version, and is designed to adhere to, fill deep wound spaces and irregular geometries.

SurgiClose® Silicone



SurgiClose Silicone provides a breakthrough balance of protection, breathability, and stability with a combination of fenestrated fish skin and a highly-refined, porous silicone contact layer.

Kerecis Mechanism of Action

Kerecis patented fish skin is only gently processed, preserving its homologous structure to human skin. Key factors for an optimal tissue replacement product are recognized to be a product that has had its cells removed, and a native structure that is not affected or altered by the applied treatment process. Thereby retaining its overall lipid content, ECM biochemical composition, structure, and complexity.[13]

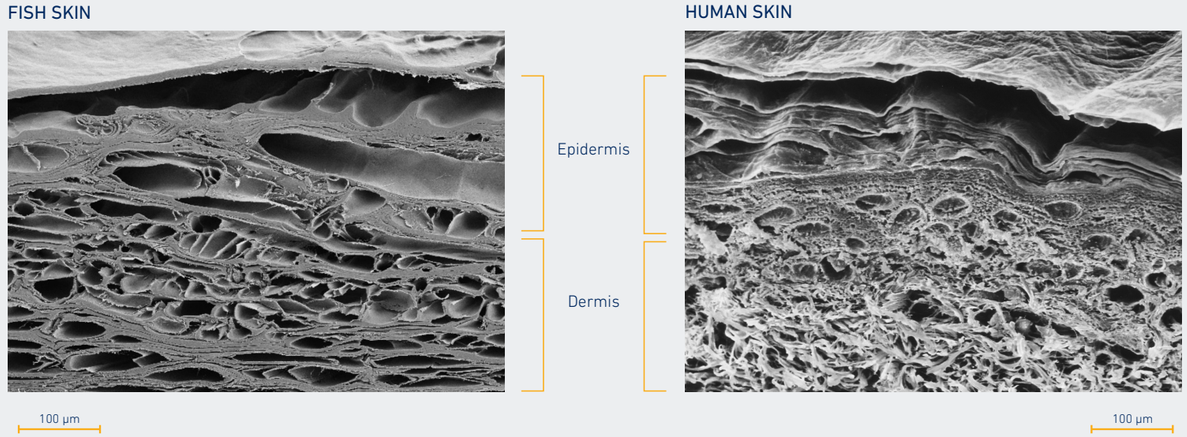
INTACT MOLECULAR ORGANIZATION
Fish skin is homologous to human skin[2]

THREE-DIMENSIONAL STRUCTURE
Intact structure provides a framework to support tissue regeneration with limiting scarring[14]

NATURAL MECHANICAL PROPERTIES
Naturally strong, handles like skin, and easy to suture or staple[3]

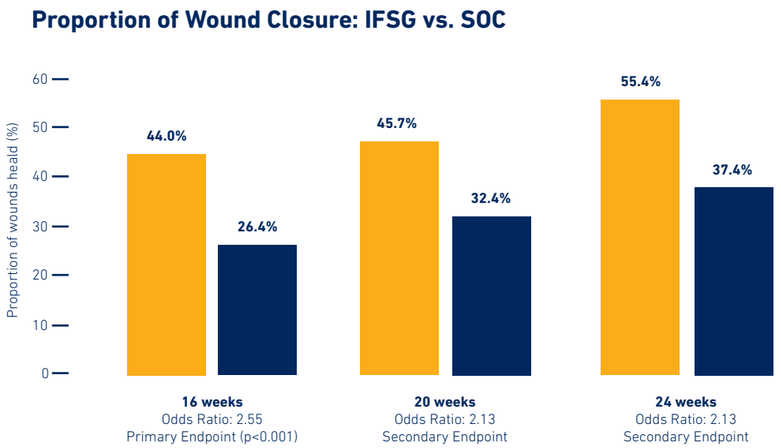
PRESERVED MOLECULAR CONTENT
Chemical complexity of the fish skin supports rapid cell ingrowth and neovascularization[1]

Homologous to Human Skin



Largest RCT on DFUs with Exposed Bone or Tendon Brings New Hope for Patients

255 patients, 15 centers, UT Grades 2 & 3



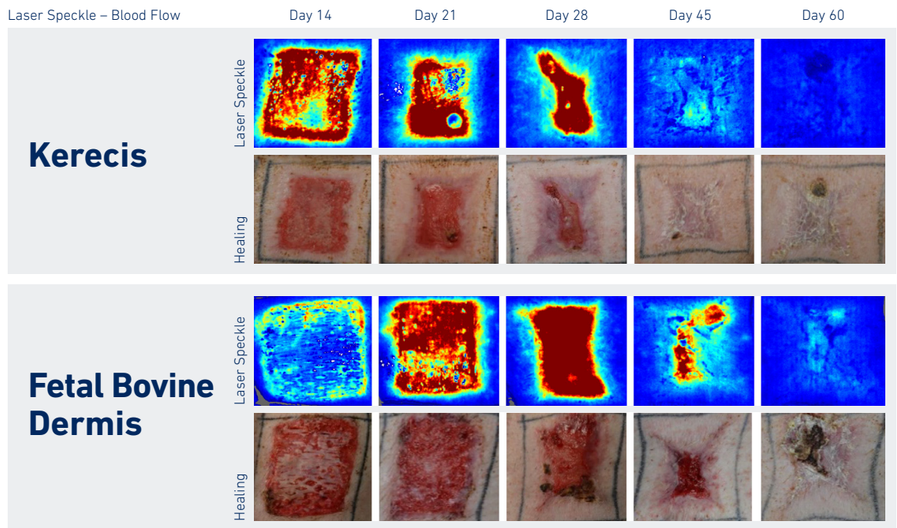
Learn More

Intact fish skin heals 66% more wounds than SOC at 16 weeks

Intact Fish Skin Graft
Standard of Care

Accelerated Wound Closure of Deep Partial Thickness Burns with Acellular Fish Skin Graft[12]

Faster vascularization, faster re-epithelialization, reduced contraction



SurgiClose Cases

Healing by secondary intent with epithelialization of the skin resulting in desirable cosmetic and functional outcomes.[7, 15]



Case courtesy of Dr. Ruston Sanchez

Tissue Deficit with Exposed Structures

Deep traumatic wound. Healed with full mobility and function of the leg.

Applications: 3
Concurrent NPWT



Day 1 | Day 11 | Day 33 | Current

Case courtesy of Dr. Juan Santiago

Pressure Ulcer

Stage IV pressure injury closed with a 98% reduction in wound size.

Applications: 3
Concurrent NPWT



Initial Wound | Applied | DAY 36 | DAY 74

Case courtesy of Dr. Thea Price

Diabetic Necrotizing Soft Tissue Infection

Exposed structures and tissue deficit. Infection was controlled, then Kerecis applied until granulation bed and structures had viable cover. 100% STSG take, full closure. Full ROM.

Applications: 6



Initial debridement | Applied | Filled up tissue defect. Tendon protected from dessication | Application of STSG | Full Closure

SurgiClose®

SOLID

Catalog # Box of 10	Catalog # Single Unit	Product Size	Coverage
50205S03D2D	50205S03D0D	7 x 10 cm	70 cm²
50205S21D2D	50205S21D0D	7 x 20 cm	140 cm²

MESHED 2:1

Catalog # Box of 10	Catalog # Single Unit	Product Size	Coverage
50205N20D2D	50205N20D0D	4 x 6 cm meshed 2:1	up to 43 cm²
50205N18D2D	50205N18D0D	6 x 8 cm meshed 2:1	up to 86 cm²
50205N03D2D	50205N03D0D	7 x 10 cm meshed 2:1	up to 126 cm²
50205N21D2D	50205N21D0D	7 x 20 cm meshed 2:1	up to 252 cm²
50205N24D2D	50205N24D0D	250 cm² meshed 2:1	up to 450 cm²
50205N23D2D	50205N23D0D	300 cm² meshed 2:1	up to 540 cm²

SurgiClose® Micro

FRAGMENTED

Catalog # Box of 10	Catalog # Single Unit	Product Size	Coverage
50205P02D2D	50205P02D0D	19 cm²	19 cm²
50205P04D2D	50205P04D0D	38 cm²	38 cm²
50205P31D2D	50205P31D0D	95 cm²	95 cm²

SurgiClose® Silicone

FENESTRATED

Catalog # Box of 10	Catalog # Single Unit	Product Size	Coverage
	50214F57D0D	3x3 cm, bordered	9 cm²
	50214F58D0D	5x5 cm, borderless	25 cm²
	50214F59D0D	7x7 cm, bordered	49 cm²
50214F55D2D	50214F55D0D	6x14 cm, bordered	84 cm²
	50214F60D0D	10x10 cm, borderless	100 cm²
50214F56D2D	50214F56D0D	10x18 cm, borderless	180 cm²

Sustainably Harvested in Iceland

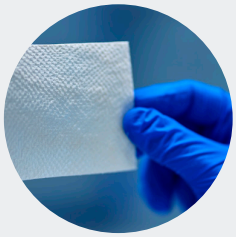
Kerecis is pioneering the use of fish skin in the globally expanding cellular therapy and regenerative medicine market. It is the only regulatory cleared manufacturer of fish-skin-based medical devices for tissue regeneration in the world.

Kerecis fish skin is a byproduct of fish processing in Iceland. The fish are caught from sustainable wild fishing stocks in the North Atlantic Ocean.

The Kerecis ISO 13485 manufacturing facilities are in the town of Isafjordur in the Westfjords region, 20 miles south of the Arctic Circle, and are powered by renewable energy.



KERECIS PRODUCT VARIATIONS



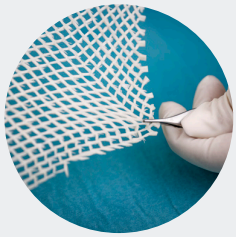
Solid



Fenestrated



Fragmented



Meshed 2:1



Integral Silicone

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kerecis®

OUR VISION
To extend life by supporting the body's own ability to regenerate

U.S. and international patents and trademarks granted and pending

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