Cortiva® 1MM PERFORATED TAILORED ALLOGRAFT DERMIS

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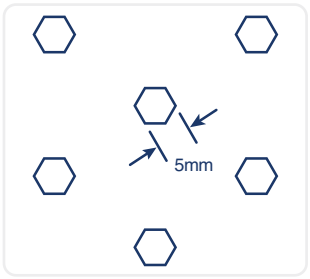
Unique hexagonal perforation

Cortiva® 1mm Perforated Tailored and Cortiva® 1mm Perforated allograft dermis grafts offer a specialized configuration featuring a precise pattern of hexagonal perforations.

Exceptional handling predictability and conformability

Cortiva® 1mm Perforated Tailored and Cortiva® 1mm Perforated allograft dermis grafts feature a consistent, precision-engineered perforation pattern of 5mm hexagonal openings, enabling multidirectional expansion for exceptional drape, flexibility, and conformability to contoured and complex surfaces.[1,2,3,4,*,†] This open geometry was shown to support effective fluid exchange while delivering predictable handling in a wide range of surgical applications.[1]

While both grafts share this advanced perforated pattern, Cortiva® 1mm Perforated allograft dermis includes a basement membrane. In contrast, Cortiva® 1mm Perforated Tailored is basement membrane-free, offering a fully orientation-independent graft that allows for integration and enhanced versatility in dynamic surgical settings.



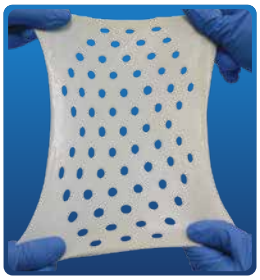


Figure: Actual-size perforation pattern with dimensions.

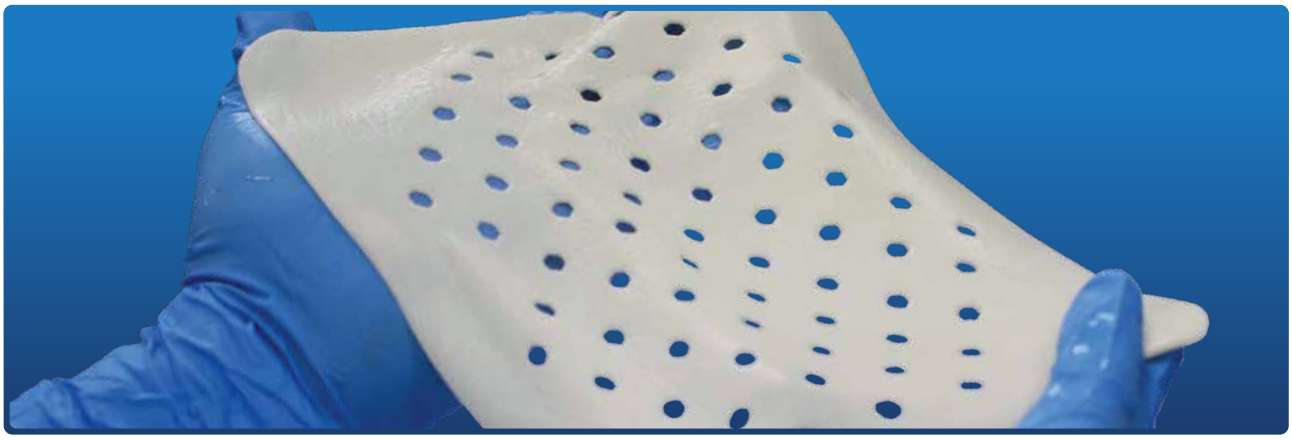
Fluid transfer efficiency demonstrated in Franz cell testing

A modified Franz cell test measured how long it took for 500mL of fluid to pass through 6-by-6-centimeter samples of three dermal allografts: Cortiva® 1mm Perforated allograft dermis, FlexHD Pliable Perforated, Thin, and AlloDerm RTM Perforated. Cortiva® 1mm Perforated allograft dermis demonstrated drainage rates three to six times faster than the others.[1,‡]

Drainage time per 500mL

Cortiva® 1MM PERFORATED ALLOGRAFT DERMIS	FlexHD Pliable Perforated, Thin	AlloDerm RTM Perforated
25 sec	93 sec	152 sec

Lab data may not be representative of effects or performance in humans.



Specifications	Cortiva® 1MM PERFORATED TAILORED ALLOGRAFT DERMIS	Cortiva® 1MM PERFORATED ALLOGRAFT DERMIS
Dermis	Perforated dermis without basement membrane (no orientation)	Perforated dermis with basement membrane
Thickness	0.8–1.0 mm thick	0.8–1.0 mm thick
Size	Small (15.1×7.3 cm–87 cm^2) Medium (19.2×9.2 cm–140 cm^2) Large (21.1×10.2 cm–170 cm^2)	16×20 cm
Hexagon edge-to-edge width	5 mm	5 mm

Precise thickness consistency of ± 0.1mm.[1]

Measured every 2 cm for consistent thickness.[1]

Length and width confirmed twice with a laser-calibrated ruler.[1]

Conforms to specifications without deviation. Graft measurements are not averaged.

For more information, visit **CortivaADM.com**

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References

1. Data on file at Evergen.
2. Moyer, et. al. 2017. "A histological comparison of two human acellular dermal matrix products in prosthetic-based breast reconstruction." Plastic and Reconstructive Surgery Global Open, December 2017, 5(12).
3. Keane AM, et al. "Cortiva vs AlloDerm in Prepectoral and Partial Submuscular Implant-Based Breast Reconstruction: A Randomized Clinical Trial." Plast Reconstr Surg. 2023 Dec 12.
4. Gierek M, et al. "Human Acellular Dermal Matrix in Reconstructive Surgery-A Review." Biomedicines. 2022 Nov 9;10(11):2870.

* Performance data from animal models may not be representative of performance in humans.
† Clinical cases are unique and individual results may vary.
‡ Lab data may not be representative of effects or performance in humans.

All Cortiva® allograft dermis implants are processed by RTI Surgical, Inc. (Alachua, FL).
Please refer to the labeling for complete instructions for use. Regulatory approvals vary by country. Therefore, we kindly ask you to contact the representative in your region regarding the availability of specific grafts in your country.

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