

The DERMABOND® Family of Topical Skin Adhesives (TSAs)

A unique and proven portfolio of products designed to provide optimal skin closure outcomes*

- #1 Best selling brand of topical skin adhesives[†]
- Studied in 51 randomized clinical trials (5,718 patients) designed specifically for the DERMABOND family of products*[‡]



TOPICAL SKIN ADHESIVE

Strength plus protection[§]

DERMABOND® Mini Topical Skin Adhesive



Ideal for:

- Minimally invasive procedures
- Small lacerations



SKIN CLOSURE SYSTEM

Uncompromised strength plus protection to provide excellent security in wound closure^{||}

DERMABOND® PRINEO® Skin Closure System 22 cm



Ideal for:

- Orthopedic surgeries, including
 - Total knee arthroplasty
 - Total hip arthroplasty
 - Spine surgeries

DERMABOND® ADVANCED® Topical Skin Adhesive



Ideal for:

- Open hernia repair
- Medium to large lacerations

DERMABOND® PRINEO® Skin Closure System 60 cm



Ideal for:

- Abdominoplasty
- Breast reconstruction
- Sternotomy
- Bracheoplasty

*Based on published literature in PubMed and SCOPUS, using only RCTs that evaluated the use of the product in a manner consistent with intended indication. [†]Data on file, Ethicon, Inc.: TSA Market Data, May 2014. [‡]Based on search results in Pubmed and SciFinder databases in October 2016. [§]Data on file, Ethicon, Inc.: DERMABOND ADVANCED Topical Skin Adhesive Claims Matrix DB-215-11. Quinn J, Wells G, Sutcliffe T, et al. A randomized trial comparing octylcyanoacrylate tissue adhesive and sutures in the management of lacerations. *JAMA* 1997;277(19):1527-1530. ^{||}Data on file, Ethicon, Inc.: DERMABOND PRINEO Skin Closure System Claims Matrix PRI-044-13.

DERMABOND® Portfolio

More clinical experience, outcomes data, and publications than any other TSA with >300 publications, including preclinical and clinical data.¹

DERMABOND ADVANCED® adhesive is proven to provide strength, protection, and consistent performance.

Strengthens

- When used in addition to sutures, DERMABOND ADVANCED Adhesive was shown ex vivo to add 75% more strength to the wound closure than sutures alone.²

Inhibits bacteria and provides a microbial barrier

- Demonstrated in vitro inhibition of gram-positive bacteria (MRSA and MRSE) and gram-negative bacteria (*E coli*).^{3*}
- Provides a flexible microbial barrier with 99% protection in vitro for 72 hours against organisms commonly responsible for surgical site infections.^{4†}
- Provides wound healing strength to maintain barrier and wound closure integrity.⁵

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.

*Clinical significance is unknown.

†*Staphylococcus epidermidis, Staphylococcus aureus, Escherichia coli, Enterococcus faecium, Pseudomonas aeruginosa.*

Manufacturer	ETHICON	ADVANCED MEDICAL SOLUTIONS
Products	DERMABOND ADVANCED® Topical Skin Adhesive	Liquiband® Exceed™ Topical Skin Adhesive
Adhesive Formulation		
Proprietary Adhesive Formulation	Strength Flexibility Durability Consistency	Flexibility
Initiator System for Consistent Polymerization	Yes ⁶	None
Thickener for Better Control & Strength	Yes ⁷	None
Performance		
Wound Bursting Strength (3-D)	431.2 mmHg ⁸	Unknown
Tensile Strength (2-D)	10.13 lbf ⁹	6.40 lbf ¹¹
Drying Time	1.6 min ⁶	1.6 min ¹¹
Product Details		
Application	Single Layer ¹⁰	Unknown ¹²

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References

1. Data on file, Ethicon, Inc.: TSA RCT Summary. **2.** Data on File. Ethicon Inc., DERMABOND Advanced Claims Matrix, 043046-151106. **3.** Data on File. Ethicon Inc., DERMABOND Advanced Claims Matrix, 043043-151106. **4.** Bhende S, Rothenburger S, Spangler DJ, Dito M. In vitro assessment of microbial barrier properties of Dermabond Topical Skin Adhesive. Surg Infect (Larchmt). 2002;3(3):251-257. **5.** Data on File, Ethicon Inc., DERMABOND Advanced Claims Matrix, 043044-151106. **6.** Data on file, Ethicon, Inc.: 11TR053. **7.** DERMABOND NX 510K Approval Letter. **8.** Data on file, Ethicon, Inc.: ETH35. **9.** Data on file, Ethicon, Inc.: 09PD070. **10.** DERMABOND ADVANCED. Instructions for Use. **11.** Data on file, Ethicon, Inc.: AST-2015-0256. **12.** Liquiband Exceed. Instructions for Use.