

Histoacryl[®] Flexible

Strong & Flexible Wound Closure



Closure Technologies

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Histoacryl® Flexible

Strong & Flexible Wound Closure

Histoacryl Flexible glue has been designed to combine flexibility and strength to close and protect wounds.

The new Histoacryl Flexible:

Flexibility

Histoacryl Flexible withstands 300 times more bending cycles than Histoacryl without cracking and can be used to close wounds up to 25 cm¹.

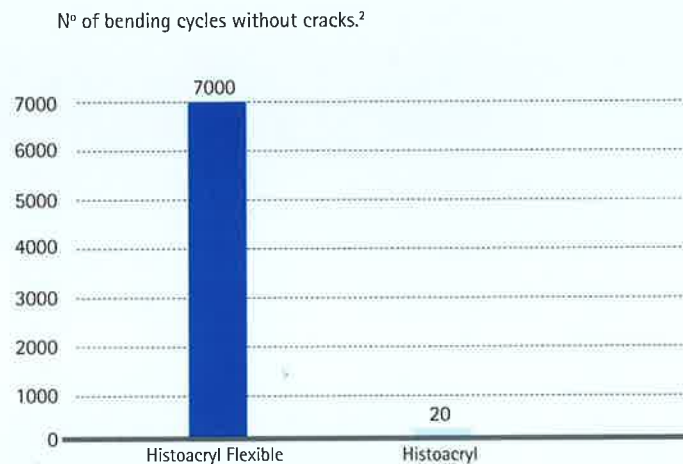
Strength

Peel strength is significantly higher (p 0.001) for Histoacryl Flexible than for Dermabond®.*

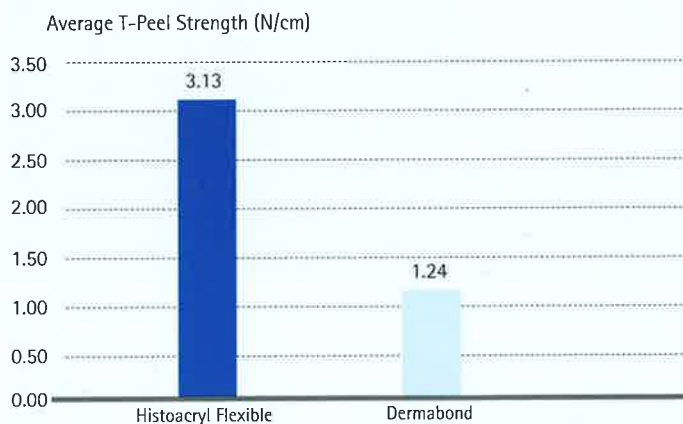
Protection

In vitro tests showed that Histoacryl Flexible provided a **100% effective barrier** against microbial penetration^{3,4} for **7 days** for the following bacteria⁵: *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Enterococcus faecium*, *Brevundimonas diminuta* and *Candida albicans*.

Comparison of flexibility (bending cycles) of Histoacryl Flexible vs. Histoacryl¹



Peel strength comparison of Histoacryl Flexible vs. Dermabond¹



In vitro studies have shown that Histoacryl Flexible acts as a barrier to microbial penetration as long as the adhesive film remains intact. Clinical studies were not conducted to demonstrate microbial barrier properties and a correlation between microbial barrier properties and a reduction in infection have not been established.



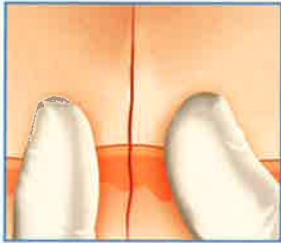
* Dermabond is a registered trademark of Johnson & Johnson



Application Instructions

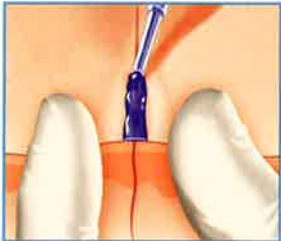
How To Open

- Remove cap on plastic vial to expose the sterile, single patient use ampoule.
- Hold ampoule with the tip pointing upward.
- Sharply flick the tip to remove any excess adhesive trapped in the tip.
- Twist off cap at the tip of ampoule to open. To increase the volume of adhesive being applied, cut tip down closer to base of ampoule.



Preparation of Wound

- Clean and dry wound prior to application.
- Debride wound and remove excessive blood when necessary.
- Tissue edges should be approximated and maintained in apposition during application.
- Use optional non-stick forceps to help approximate wound edges.



Application of Histoacryl® Flexible

- Apply light pressure to the ampoule to express Histoacryl Flexible from the ampoule tip.
- Do not apply Histoacryl Flexible directly into the wound as it impairs healing.
- Apply Histoacryl Flexible very sparingly, either as minute drops or as a very thin film along the edges of the wound.



Polymerization Process

- Light pressure should be applied to the wound edges for approximately 60 seconds to allow for the skin adhesive to cure.
- Wounds under tension should be secured by subcuticular sutures prior to the application of the adhesive.

Indications for Use:

Histoacryl Flexible topical skin adhesive is intended for topical application to hold closed easily approximated skin edges of minimum-tension wounds from clean surgical incisions and simple thoroughly cleansed, trauma-induced lacerations. Histoacryl Flexible may be used in conjunction with, but not in place of, deep dermal sutures.

Code	Description
1051260US	10 ampoules of Histoacryl Flexible (0.5 mL)


¹ Data on file

² Data obtained within 24 hours of polymerization.

³ In vitro results may not be representative of antimicrobial barrier properties in vivo

⁴ Data on file, determined by UV-Spectrometry

⁵ Data on file, in vitro test according to: Bhende S, Rothenburger S, Spangler DJ, Dito M. In vitro assessment of microbial barrier properties of Dermabond topical skin adhesive. Surg Infect (Larchmt). 2002 Fall;3(3):251-7.



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