

LumiBond™ Skin Closure System

Quick Reference Guide

How to Use LumiBond™

The LumiBond™ Skin Closure System combines BondEase® Topical Skin Adhesive (non-cyanoacrylate) with Lumitech™ Film Dressing (a UV-switchable film dressing) to provide a secure, strong, flexible bacterial barrier for surgical incisions. Review both BondEase and LumiTech™ IFUs for full instructions prior to use of LumiBond™ Skin Closure System.

1. BondEase® Adhesive Preparation

Clean and Dry: Thoroughly clean the wound site according to facility protocol. The wound must be completely dry, as moisture can accelerate polymerization and affect adhesion.

Positioning: Maintain the wound in a horizontal position whenever possible to prevent the liquid adhesive from flowing into unintended areas.

Approximation: Use deep dermal stitches if significant tension exists. Manually approximate the skin edges using gloved fingers or sterile forceps.

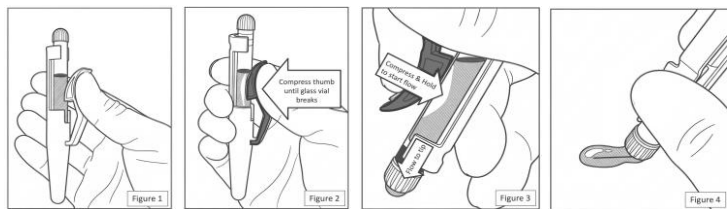
2. BondEase® Adhesive Application

Activate: Hold the applicator with the tip facing **upward**. (Fig 1)

Squeeze: the handle firmly to crush the internal glass ampoule and release. (Fig 2)

Start Flow: Invert the applicator. Gently squeeze the handle and hold until the blue liquid is visible passing through the filter within the tip. (Fig 3)

Apply: Using a gentle brushing motion, apply one continuous, uniform layer of adhesive over the approximated edges. (Fig 4)



2 Minute Set Time: Maintain manual approximation for **two minutes**.

The adhesive may remain tacky for up to four minutes; for easier film application wait until it is fully polymerized (no longer tacky) before applying a dressing.



BondEase®
Topical Skin Adhesive



Scan for link to IFU

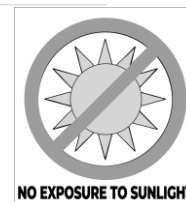
3. Lumitech™ Film Dressing Application

Peel: release liner #1 to expose the adhesive. Center the dressing over the incision and press down firmly.

Secure: Remove release liner #2 and the top carrier layer sections, ensuring the film is secure and wrinkle-free.



Protection: Cover the dressing with clothing to protect it from direct sunlight, as UV exposure will cause the dressing to lose its adhesive properties.



4. Dressing Removal (UV-Switchable Technology)

Standard Removal: The dressing can be lifted gently by the edge of the adhesive border.

Enhanced (Gentle) Removal (Fig 7-8): Use a DeRoyal-approved UV light to activate the "switchable" adhesive.

Hold the light 1–2 cm above the film (Fig 7).

Slowly sweep across the dressing, allowing **3–5 seconds of exposure** for each area.

Lift off the dressing carefully from the skin.



Important Safety Precautions

Contraindications: Do not use on infected wounds, mucosal surfaces, or patients with polyurethane allergies.

Petroleum Jelly: Avoid use on the application site prior to bonding, as it will prevent the adhesive from sticking.

Post-Op Care:

- 1) Patients may shower briefly but should not scrub, soak, or swim.
- 2) Patients DO NOT expose the LumiBond™ closure system to Sunlight as it will slowly deactivate the adhesive in the Lumitech™ film dressing and it will start to detach for the skin.

For assistance or to report an adverse event, contact **1-866-528-7001**.