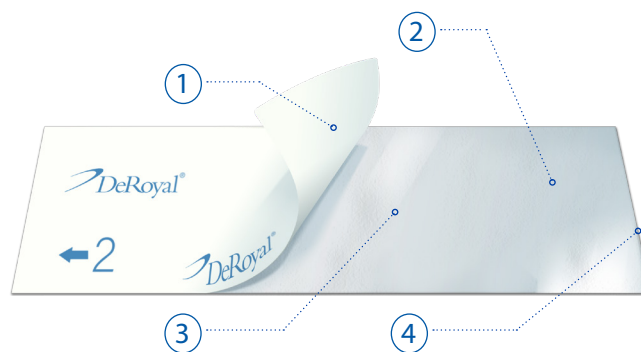


## Lumitech Film Dressings

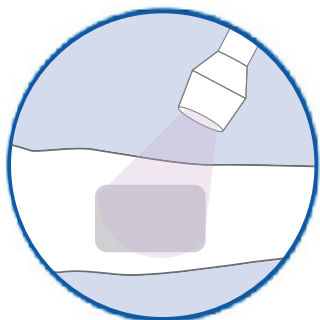
DeRoyal® Lumitech Film Dressings provide a sterile, water-resistant barrier to protect intact skin and can be used to secure/protect wound dressings and sealed wound closure devices (e.g. skin glue adhesive), and for non-critical tubing securement. The dressing incorporates **Lumina® Adhesive Technology**, a patented UV-switchable adhesive that supports long wear time and a gentle dressing removal.

### Innovative Features

- **Integrated Lumina Adhesive Technology** - Supports strong adhesion and wear time performance with the option to remove gently, minimizing risk of medical adhesive related skin injuries (MARSII)
- **Polyurethane Adhesive** - Suitable for patients with delicate skin and those who are sensitive to acrylic adhesives
- **Breathable Barrier** - High-performing moisture vapor management, protecting skin health and minimizing risk of maceration
- **Conformable Fit** - Pliable polyurethane film supports placement across various anatomical geometries



## LUMITECH™

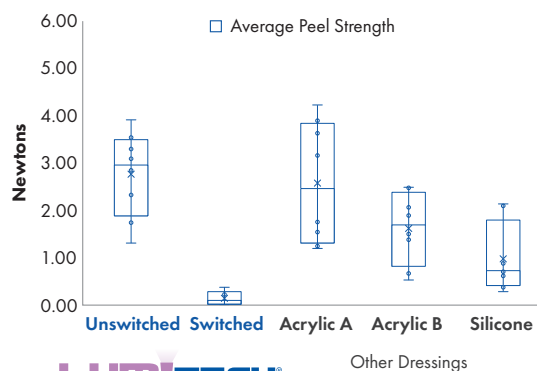


### Film Dressing Composition

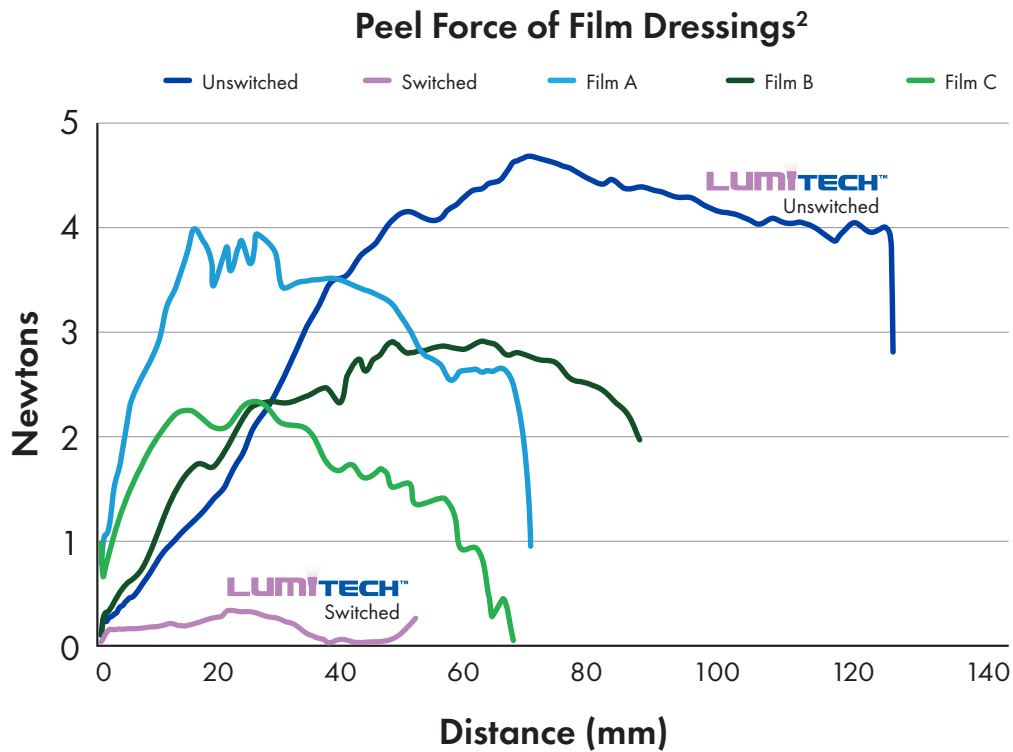
1. Butterfly fold release liner for ease of positioning and application
2. Polyurethane adhesive with integrated Lumina Adhesive Technology supports both long wear time and option for gentle removal using a UV light
3. Flexible, breathable, and protective polyurethane film blocks contaminants and is water-resistant
4. Carrier layer to add stability during placement and ensure smooth application

### Lumina Adhesive Technology Benefits<sup>1</sup>

- Film adheres as strong as acrylic dressings, supporting long wear time in unswitched state
- Adhesive releases more gently than silicone following UV light exposure, minimizing pain and periwound trauma during dressing removal



**Uncompromising Performance: Strong as Acrylic - Gentler than Silicone!<sup>1</sup>**



- In the unswitched state, Lumitech dressings have both a higher peel force and greater elasticity<sup>3</sup> when compared to commonly used transparent drapes;
- This allows for strong adherence and long wear time, even on difficult anatomical geometries
- In the switched state, Lumitech dressings have an extremely low peel strength, allowing for gentle release after exposure to UV light
- Light sensitive material - protect from UV light (i.e. blacklight, sunlight) at all times
- Store in a cool, shaded, and dry area away from direct sources of heat and sunlight

## Lumitech Film Dressings:

Product No.	Description	Packaging
46-LT20S-04	x4 Lumitech Film Dressing (20 cm x 5 cm)	4 Ea/Pouch, 10 Pouches/Box
46-LT19S-04	x4 Lumitech Film Dressing (19 cm x 5 cm)	4 Ea/Pouch, 10 Pouches/Box
46-LT5S-05	x5 Lumitech Film Dressing (5 cm x 5 cm)	5 Ea/Pouch, 10 Pouches/Box
46-LT10S-01	x1 Lumitech Film Dressing (10 cm x 10 cm)	1 Ea/Pouch, 10 Pouches/Box

1- Cayce et al. "Light Deactivated Adhesive: The Solution to Maintaining Dressing Integrity and Protecting Skin", Presented at SAWC Spring 2023.  
 2- Cayce et al. "Light-Switchable Adhesive: A Solution Supplying High Dressing Integrity While Minimizing Trauma and Pain to Periwound Skin", ABA 2025.  
 3- Data on file

DeRoyal, the DeRoyal logo, and Lumitech are trademarks or registered trademarks of DeRoyal Industries, Inc. Lumina is a registered trademark of Lumina Adhesives AB.

DeRoyal Industries, Inc. | 200 DeBusk Lane | Powell, TN 37849 | 1.888.938.7828 | DeRoyal.com  
 © 2026, DeRoyal. All Rights Reserved. | Reprint # 0-2645 | Rev. 1/2026



Compatible UV-Flashlights Memo