



DG.DERM Barrier Film



High-Durability (72h)



Non-occlusive



Fast-Drying (30 second)

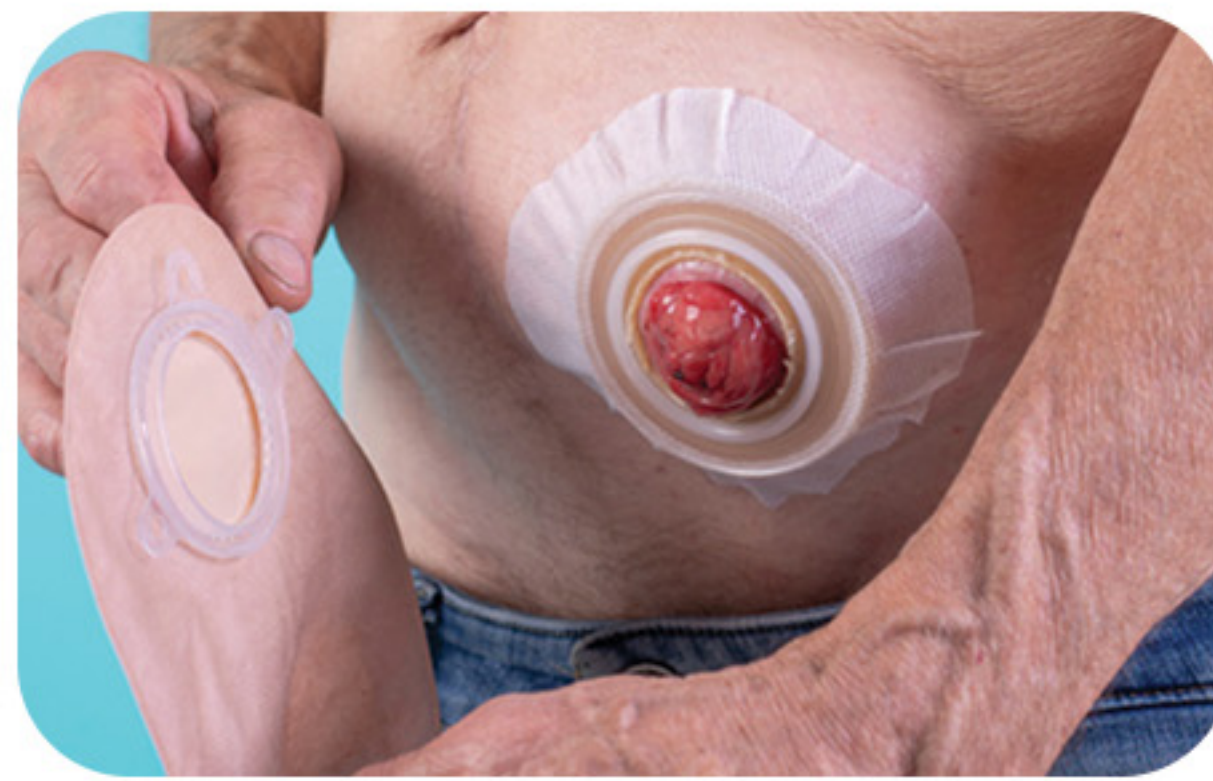


DG.DERM Barrier Film

DG.DERM Barrier Film is an alcohol-free product that protects healthy or compromised skin against bodily fluids, adhesive-related injuries, friction, and incontinence-associated complications. Clinical studies have shown that this product can protect the skin from incontinence-related irritation for up to 72 hours. The clinical evidence supporting this product demonstrates both its effectiveness and cost-efficiency. Compared with other films on the market, it offers the greatest resistance to harmful moisture over this timeframe.



Incontinence associated
dermatitis (IAD)



Ostomy



Maceration



Tube insertion site

Features of DG.DERM Barrier Film

- **Non-cytotoxic (Cell-safe)**

This product is fully biocompatible; therefore, it can be safely applied on healthy or compromised skin.

- **Alcohol-free and sting-free**

The formulation is alcohol-free; therefore, it can be used on damaged skin without causing stinging.

- **Hypoallergenic**

This product is hypoallergenic and minimizes the risk of allergic reactions such as burning, itching, redness, etc.

- **Fast-drying and non-sticky**

After application, the film dries quickly and forms a non-sticky coating.

- **Suitable for all ages**

This product is appropriate for elderly individuals, adults, children, and infants older than one month.

- **Compatible with various medical products**

It can be used alongside dressings, medical tapes, negative pressure therapy devices, and other medical equipment without interfering with their function.

- **Long-lasting protection for easier and more cost-effective care**

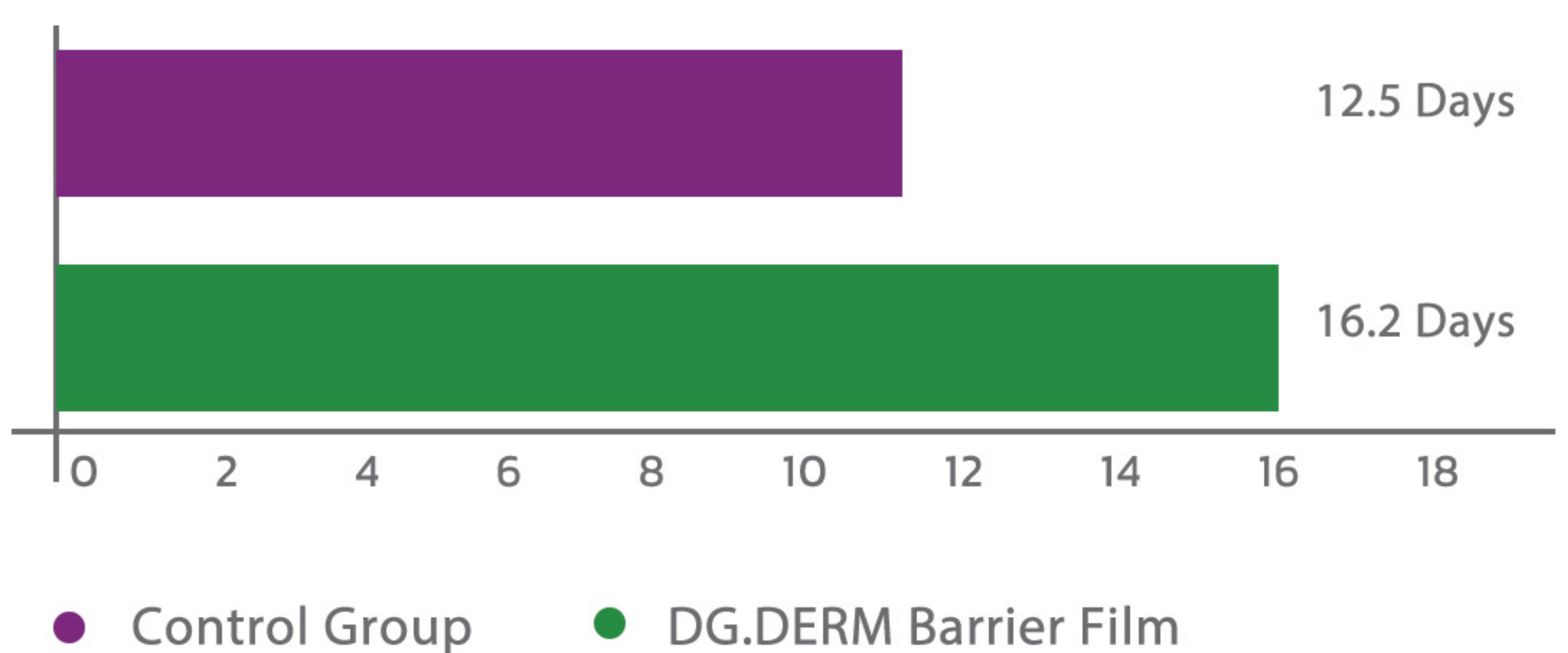
DG.DERM Barrier Film provides effective skin protection for up to 72 hours.

Clinical Studies on DG.DERM Barrier Film

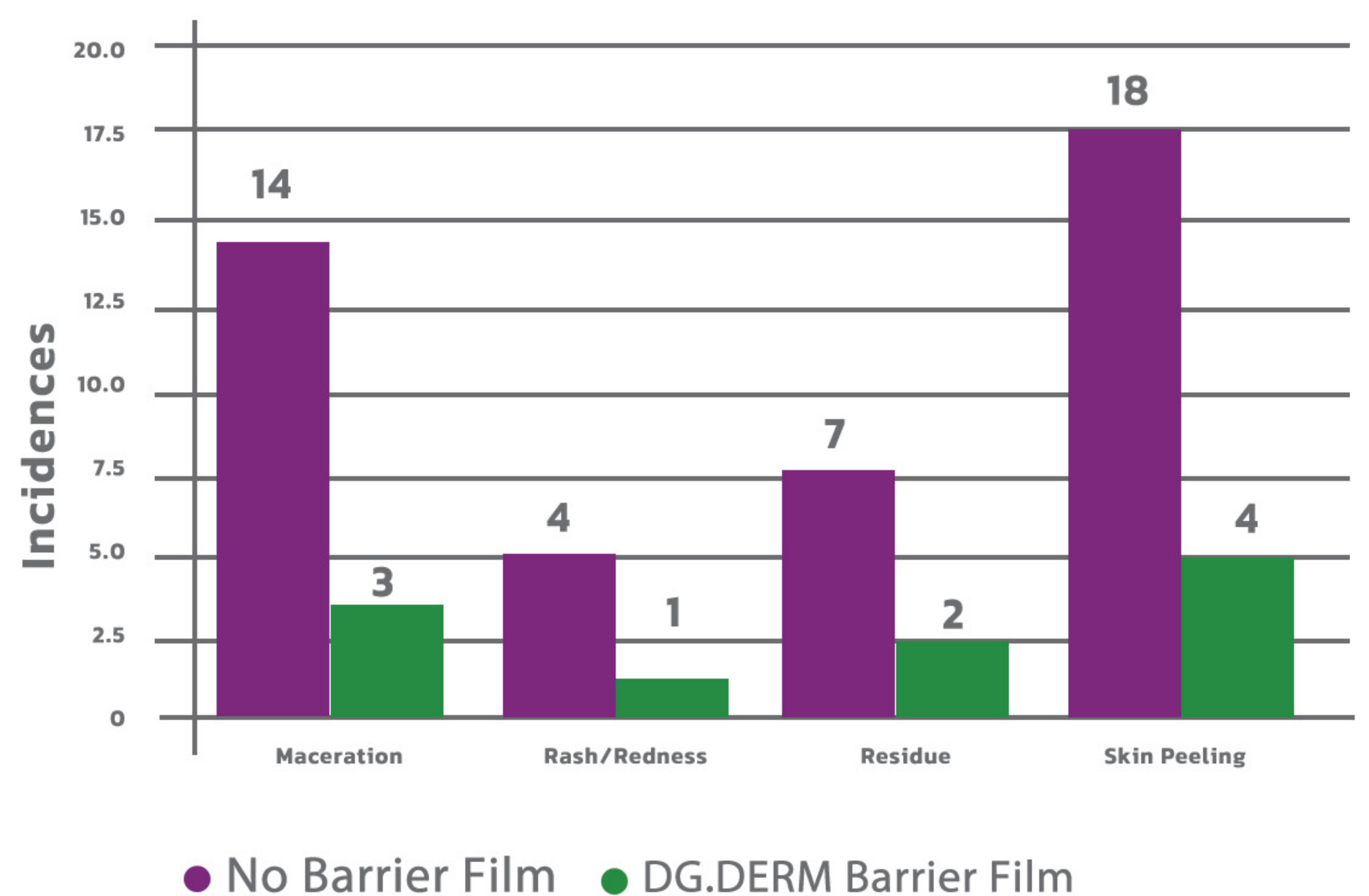
Clinical trials conducted on patients with medical adhesive-related skin injuries (MARSI), moisture-associated skin damage (MASD), and catheter placements such as CVC and PICC demonstrated that the use of DG.DERM Barrier Film during treatment significantly reduced the likelihood of skin tears. On average, the number of days without skin tearing increased from 12.5 days to 16.2 days with the use of DG.DERM Barrier Film. In other words, the use of this barrier film increased skin durability and resilience by approximately 25%, helping to prevent skin damage.

Clinical findings further indicated that the application of DG.DERM Barrier Film reduced the number of skin injuries associated with moisture and adhesives from 35 cases down to 14 cases. Additionally, incidences of irritation and redness decreased from 7 cases to 4 cases, while residue (adhesive buildup) from secondary dressings decreased from 7 cases to 2 cases. Skin peeling during the removal of adhesive products was reduced from 18 cases to 4 cases. Overall, this represents an 80% reduction in the rate of avoidable skin injuries.

Days without Skin Tear (p=0.0005)



Fewer Incidences with Barrier Film



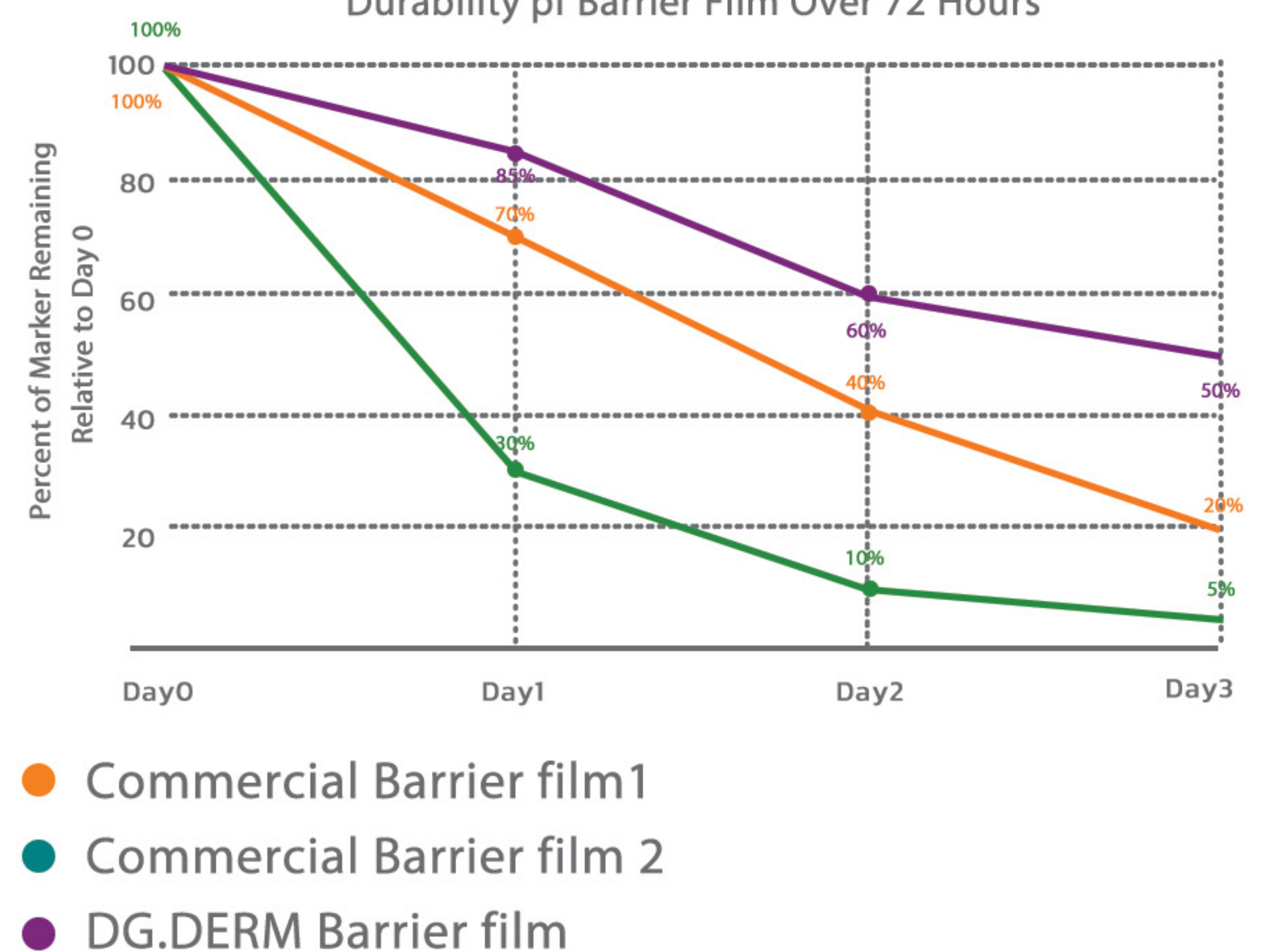
Comparison of Durability of DG.DERM Barrier Film

In-vitro studies evaluating the durability of film layers showed that even after 72 hours of application, a protective film layer from DG.DERM Barrier Film remained on the skin. This confirms that while similar commercial products retained about 20% durability, DG.DERM Barrier Film demonstrated more than twice the longevity.

Direction for use

- Prior to application of the DG. DERM Barrier Film, verify that the skin surface is thoroughly cleansed and completely dry. DG. DERM Antimicrobial Wound Cleansing Solution may serve as an appropriate cleansing option.
- When using the DG. DERM Barrier Film spray, hold the nozzle 10–15 cm from the skin surface and apply a thin, uniform film over the target area, ensuring complete coverage.
- When applying the product to skin folds or areas of skin-to-skin contact, gently separate the skin surfaces prior to application. Ensure the film is fully dry before allowing the skin to return to its natural position.
- The product dries in approximately 30 seconds.

Durability of Barrier Film Over 72 Hours





No. 3, Dena Building, Farhang Shahr St., Shiraz, Iran

Tel : +98 71-91002930 | www.dgdena.com

Fax: +98 71-36302771 | info@dgdena.com

To Know More

