3M™ Tegaderm™ High Performance Foam Adhesive Dressing

Tegaderm™ High Performance Foam Adhesive Dressing

Achieve moisture balance.

- Highest fluid-handling capacity
- Reduced risk of maceration
- Greater cost savings
Meeting the needs of patients and clinicians

› comfort ‹    › convenience ‹    › care ‹
The newly improved 3M™ Tegaderm™ High Performance Foam Adhesive Dressing helps meet the challenges of low- to high-exudating wounds. It provides patients with increased comfort and convenience and clinicians with the confidence that they are providing the best patient care.

Supporting patients’ daily routines

**Comfort**
- Reduced risk of discomfort due to wound desiccation or maceration
- Highly conformable backing permits free movement without stress on skin
- Gentle removal helps decrease the chance of skin trauma
- Soft, non-adhesive foam pad covers wound to provide added comfort

**Convenience**
- Watertight seal allows regular showering
- Minimizes edge lift and rolling, enabling ease of movement in clothing and bedding
- Longer wear times may reduce disruption to patients’ daily lives

Meeting clinicians’ professional needs

**Exceptional care**
- Superior fluid handling reduces the risk of desiccation and maceration
- Longer wear times may minimize wound disruption
- Adhesive technology adheres to both moist and dry skin
- Watertight seal provides a liquid, bacterial and viral barrier*

**Easy to use**
- Award-winning design — the patented spoke delivery system enables easy, one-handed application
- Unique design facilitates accurate placement
- Dressing conforms to difficult-to-dress areas without cutting or patching
- Smooth film backing allows for easy clean up

$\text{Patented spoke delivery system}\n\text{Winner of the Medical Design Excellence Award}$

Longer wear times support not only patient comfort and an optimal wound-healing environment, but also the economic health of your organization. Fewer dressing changes may save clinicians’ time and reduce dressing waste, making 3M™ Tegaderm™ High Performance Foam Adhesive Dressing a more affordable choice.

* In vitro testing shows that the transparent film of Tegaderm™, Tegaderm™ HP and Tegaderm™ CHG dressings provides a viral barrier from viruses 27 nm in diameter or larger while the dressing remains intact without leakage.
The science behind superior patient care

3M™ Tegaderm™ High Performance Foam Adhesive Dressing combines exceptional breathability and the industry’s highest fluid-handling capacity, as compared to leading brands, to provide significantly longer wear times.

Providing superior fluid handling

In clinical and laboratory tests, 3M™ Tegaderm™ High Performance Foam Adhesive Dressing outperforms other leading brands in managing low- to high-exudate levels.

**Median volume (ml) of artificial wound fluid (AWF) before failure**

![Bar chart showing fluid handling capacity of different dressings.]

**Chart 1: The highest fluid-handling capacity among industry leading brands**

Under simulated moderate- to high-exudate conditions, 3M™ Tegaderm™ High Performance Foam Adhesive Dressing managed significantly more fluid than other leading brands. The median amount of fluid 3M™ Tegaderm™ High Performance Foam Adhesive Dressing can handle is based on the average amount of fluid managed by the dressing before failing. This is an underestimate as <50 percent of dressings failed when the maximum volume (87 ml) was delivered and the study ended.

**Chart 2: Providing moisture balance**

In bench tests, 3M™ Tegaderm™ High Performance Foam Adhesive Dressing demonstrated a broad range of evaporative capacity. It is significantly less evaporative under low moisture conditions, which helps prevent wounds from drying out. Yet it has extremely high evaporation when there is excess moisture, helping to prevent maceration.
Long-wearing comfort and convenience

3M™ Tegaderm™ High Performance Foam Adhesive Dressing provides up to seven-day wear times. Plus, because the adhesive-film backing is thin, the dressing’s profile is low. Fitting comfortably under clothes, the dressing moves with patients and is less likely to catch on material — including bedding. The dressing is also waterproof, so patients can shower.

Protecting for up to seven days — and then removing gently

3M™ Tegaderm™ High Performance Foam Adhesive Dressing features a highly conformable adhesive-film backing and superior fluid-handling capabilities, features that help deliver longer wear times. At the same time, it provides similar levels of comfort and gentle removal as other leading brands.

**Chart 4: Effective adhesion to skin**

3M™ Tegaderm™ High Performance Foam Adhesive Dressing effectively adheres to skin over a seven-day period. The adhesive improves over the first few days and then slowly releases, providing exceptional protection during wear — yet the dressing consistently removes gently for patient comfort.

**Chart 3: Longer wear times**

Under simulated moderate- to high-exudate conditions, 3M™ Tegaderm™ High Performance Foam Adhesive Dressing provided significantly longer wear times than other leading brands.

With an extended wear time of up to seven days, a properly applied 3M™ Tegaderm™ High Performance Foam Adhesive Dressing provides the benefits of an undisturbed wound bed, maintaining wound temperature and adequate moisture levels and providing protection from bacterial contamination.*

Creating the optimal wound-healing environment

3M™ Tegaderm™ High Performance Foam Adhesive Dressing is scientifically formulated to adapt to changing wound environments, facilitating the body’s dynamic wound-healing process. It combines four unique layers to deliver exceptional fluid handling, which helps create the optimal moist healing environment for low- to high-exudating wounds.

At the same time, the dressing incorporates the patented spoke design to deliver easy, one-handed application.

Adapting to different moisture levels

**HIGH EXUDATE: Reducing the risk of maceration**

When excess moisture pools in or around a wound, exposing periwound skin to exudate, it can cause maceration, which may delay wound healing and cause patient discomfort. Each layer of the dressing plays a critical role in reducing the potential for maceration.

How it works

- Rapid vertical wicking of wound exudate into the soft, absorbent foam layer
- Retention of wound exudate off the wound and periwound skin in the high-capacity absorbent layer
- Distribution of exudate across the moisture-control layer, which facilitates evaporation
- High evaporation of the exudate through the breathable adhesive film layer

**LOW EXUDATE: Reducing the risk of desiccation and adherence**

Low-exudate conditions can cause wound bed desiccation or dressing adherence, both of which can lead to patient discomfort. Further, a dry environment may reduce the rate of re-epithelialization and slow the healing process. In a low-exudating wound, the dressing’s moisture-control layer and adhesive film backing moderate evaporation, discouraging rapid evaporation and allowing the dressing to maintain a moist wound-healing environment.
High performance through innovative features and construction

Soft, absorbent foam layer
Absorbs and rapidly wicks excess moisture away from the wound and periwound skin
› Protects wound
› Conformable and non-adherent
› Comfortable

Moisture-control layer
Enables rapid evaporation of excess moisture out of the dressing, extending wear times
› Distributes moisture
› Facilitates evaporation
› Maintains moisture balance

High-capacity absorbent layer
Absorbs and retains moisture away from wound, reducing the risk of maceration
› Increases absorbency by 100%
› Minimizes backward moisture migration

Patented, award-winning spoke delivery system
› Allows for easy, one-handed application

Highly conformable adhesive-film backing
Assures that the dressing remains securely and comfortably in place
› Highly breathable when needed
› Minimizes edge lift and fluid leakage
› Waterproof barrier protects against contamination and outside moisture

Indications:
- Pressure ulcers
- Skin tears
- Skin graft donor sites
- Venous leg ulcers
- Neuropathic ulcers
- Arterial ulcers
- Abrasions
3M™ Tegaderm™ High Performance Foam Adhesive Dressing

Ordering Information:

<table>
<thead>
<tr>
<th>Product code</th>
<th>Overall dressing size</th>
<th>Absorbent pad size</th>
<th>Dressings/Box</th>
<th>Boxes/Case</th>
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<td>8,8 cm x 8,8 cm</td>
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<tr>
<td>90612 square</td>
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<td>19 cm x 22,2 cm</td>
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<td>90619 heel/elbow design</td>
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* The mini wrap dressing is constructed of a conformable, absorbent, polyurethane foam pad with a highly breathable, non-waterproof, film backing reinforced with soft cloth tape.

All data on file at 3M.

To learn more about 3M™ Tegaderm™ High Performance Foam Adhesive Dressing products, visit at www.3M.com/TegFoam-Brochure. For more information about the Skin & Wound Care family of products, visit us at www.3M.com/Tegaderm, contact your 3M Skin & Wound Care representative or call the 3M Health Care Customer Helpline at 1 800 3M Helps (1-800-364-3577).