



# Moisture Management Matters



# The Challenge of Chronic Wound Care

The burden of chronic wound care on health care systems is significant. The ageing population, rising incidence of obesity, prevalence of diseases such as diabetes, and other factors contribute to the rising number of chronic wounds - and the costs for treating them. Increasingly, facilities are challenged to do more with less.

Wound care is complex, requiring clinicians to adapt dressing selection and procedures to accommodate changing levels of exudate and difficult body contours.

## The Right Solutions for Optimal Wound Healing

3M Moisture Management Solutions make it easier for you to maintain the moisture balance needed for optimal wound healing.

3M™ Tegaderm™ brand wound care dressings are available in a range of sizes, shapes and fluid handling capacities to help you manage complex and difficult-to-dress wounds with confidence. 3M offer a range of wound care solutions, including 3M Medical Tapes, 3M™ Cavilon™ Professional Skin Care products, and 3M™ Coban™ 2 Layer Compression Systems which also support the comfortable, effective wound care you and your patients deserve.

## Health and Economic Costs of Chronic Wounds <sup>1</sup>



# There's Comfort in Simplified Wound Care

Tegaderm™ brand wound care dressings have proven over and over again to provide effective fluid handling, moisture vapour transmission (breathability), and longer wear times - making them a better overall value.

- Longer wear time reduces the unnecessary costs of frequent dressing changes
- Effective moisture management minimises the costs of complications

By standardising to one brand of dressings, facilities can potentially increase efficiency and consistency of care for more predictable and reliable outcomes.

Tegaderm™ brand wound care dressings are clinically proven to adequately manage moisture.





## Effective Moisture Management

The primary goals of effective moisture management include achieving the moist wound environment needed for optimal healing and protecting periwound skin. Wound care dressings are the primary option for managing moisture. Designed with patients and clinicians in mind, 3M™ Tegaderm™ High Performance Foam and 3M™ Tegaderm™ Absorbent Clear Acrylic dressings absorb and retain fluid to help you achieve the right moisture balance for any level of moisture. Tegaderm™ brand dressings deliver a variety of benefits for an even better experience, such as:

- Highly breathable Tegaderm™ film promotes moisture evaporation and improved securement
- A waterproof, sterile barrier to external contaminants including liquids, bacteria and viruses<sup>2</sup>
- Longer wear times minimise frequency of dressing changes
- Effective retention of fluid, even under compression
- Conform to body contours and flex with patient movement to prevent leakage and improve comfort
- Adhesive dressings balance reliable securement with gentleness to skin
- Easy to apply and remove
- Cost-effectiveness

## Managing Moisture Levels

As with all aspects of health care, the foundation of effective wound care is ongoing patient assessment. You can give your patients the best possible care by selecting dressings based on the moisture level present at each dressing change to help add, maintain or remove moisture.

	PROTECT	COVER
LOW	 3M™ Cavilon™ No Sting Barrier Film	3M™ Tegaderm™ Absorbent Clear Acrylic Dressing 3M™ Tegaderm™ High Performance Foam Non-Adhesive Dressing 3M™ Tegaderm™ High Performance Foam Adhesive Dressing
MODERATE	 3M™ Cavilon™ No Sting Barrier Film	3M™ Tegaderm™ Absorbent Clear Acrylic Dressing 3M™ Tegaderm™ High Performance Foam Non-Adhesive Dressing 3M™ Tegaderm™ High Performance Foam Adhesive Dressing
HIGH	 3M™ Cavilon™ No Sting Barrier Film	3M™ Tegaderm™ High Performance Foam Non-Adhesive Dressing 3M™ Tegaderm™ High Performance Foam Adhesive Dressing

### RELATED PRODUCTS

3M™ Coban™ 2 Layer Lite Compression System  
 3M™ Coban™ 2 Layer Compression System  
 3M™ Coban™ Self-Adherent Wrap  
 3M™ Kind Removal Silicone Tape  
 3M™ Medipore™ H Soft Cloth Surgical Tape  
 3M™ Transpore™ White Surgical Tape  
 3M™ Tegaderm™ Hydrocolloid Dressing  
 3M™ Tegaderm™ Hydrocolloid Thin Dressing  
 3M™ Tegaderm™ High Integrity Alginate Dressings  
 3M™ Tegaderm™ Hydrogel Wound Filler\*  
 3M™ Tegaderm™ Alginate Ag Silver Dressings\*

\* only available in New Zealand

### Do More with Less

Effective moisture management can reduce time to healing, dressing change frequency and nursing input, thereby optimising health care efficiency.<sup>3</sup>

# 3M™ Tegaderm™ Absorbent Clear Acrylic Dressing

## A unique transparent wound dressing with fluid handling capacity

- Transparent dressing allows for wound monitoring without changing the dressing
- Clear design takes the guesswork out of application over the wound
- Novel acrylic polymer pad technology designed to handle low to moderate wound drainage

### Clearly Different

- Dressing designed not to melt down or leave residue
- Non-bulky design to help prevent dressing roll or lift due to friction from linens, clothing or prosthetics
- Eliminates hydrocolloid odour
- Allows for one-handed placement

### Clinically Effective

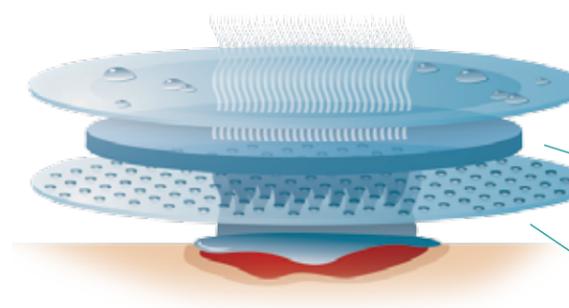
- Low-friction surface minimises potential for friction and shear
- Low potential for periwound maceration
- Maintains a moist wound healing environment
- Rated significantly better than a leading hydrocolloid dressing<sup>4</sup>
  - Ability to monitor the wound before and after absorption
  - Conformable before and after absorption
- Superior fluid handling capacity compared to leading hydrocolloid brands<sup>5</sup>

### Affordable

- Without lifting or changing the dressing, easily monitor the wound for:
  - Colour of drainage
  - Condition of periwound skin
  - Condition of wound bed
- Less frequent dressing changes may save nursing time and supply costs
  - Can be worn until the dressing leaks, loses adhesion or according to facility protocol

### Comfortable for Patients

- Less frequent dressing changes reduce the risk of skin trauma
- Allows gentle removal from skin
- Washable - can easily wipe off stool, urine or other contaminants
- Waterproof - allows patients to bathe or shower<sup>5</sup>



**Top layer**

- Breathable, letting oxygen in and moisture vapor out, allowing the skin to function normally
- Tegaderm™ Transparent Film barrier is impervious to liquids, bacteria and viruses, providing an effective barrier to external contaminants<sup>2</sup>

**Middle layer**

- Patented clear acrylic polymer pad handles exudate through the process of diffusion
- Handles low to moderate exuding wounds

**Bottom layer**

- Bottom layer of film is perforated to allow wound exudate to pass through the film to the acrylic polymer pad
- Unique adhesive designed for long wear, even on moist skin

## Where to use 3M™ Tegaderm™ Absorbent Clear Acrylic Dressing



Over skin tears and superficial traumatic wounds



As a primary dressing over Stage II/Stage III low to moderate draining pressure injuries



As a primary dressing over skin graft donor sites



Over pressure-related injuries



As a secondary dressing cover over wounds requiring an absorbent wound filler



As a primary dressing over surgical wounds

## Indications

Pressure injuries | Skin tears | Skin graft donor sites | Abrasions | Surgical Wounds

# 3M™ Tegaderm™ High Performance Foam Non-Adhesive Dressing

**Innovative layer technology absorbs and evaporates moisture to maintain an optimal wound healing environment.**

- Innovative fluid handling technology
- Unique multi-layer design provides high absorbency with breathability to reduce the risk of maceration
- Adapts to changing levels of exudate to maintain moisture balance for optimal wound healing
- Effective under compression
- Easy to use
- Variety of shapes and sizes

## Effective Moisture Management

3M™ Tegaderm™ High Performance Foam Non-Adhesive Dressing is a highly absorbent, breathable, non-adherent wound dressing. It is constructed from a conformable polyurethane foam pad, absorbent nonwoven layers, and a top layer of printed adhesive film. This waterproof film is moisture vapour permeable which prevents wound exudate strike-through and acts as a barrier to outside contamination, including bacteria and viruses.<sup>2</sup> The dressing maintains a moist wound environment, which has been shown to enhance wound healing.

## The Science Behind 3M's Excellent Fluid Handling Capacity

First, the soft foam layer rapidly wicks away exudate, which is then retained in the super absorbent layer. Next, the exudate is distributed across the moisture control layer before evaporating through the breathable film.



### Moisture-control layer

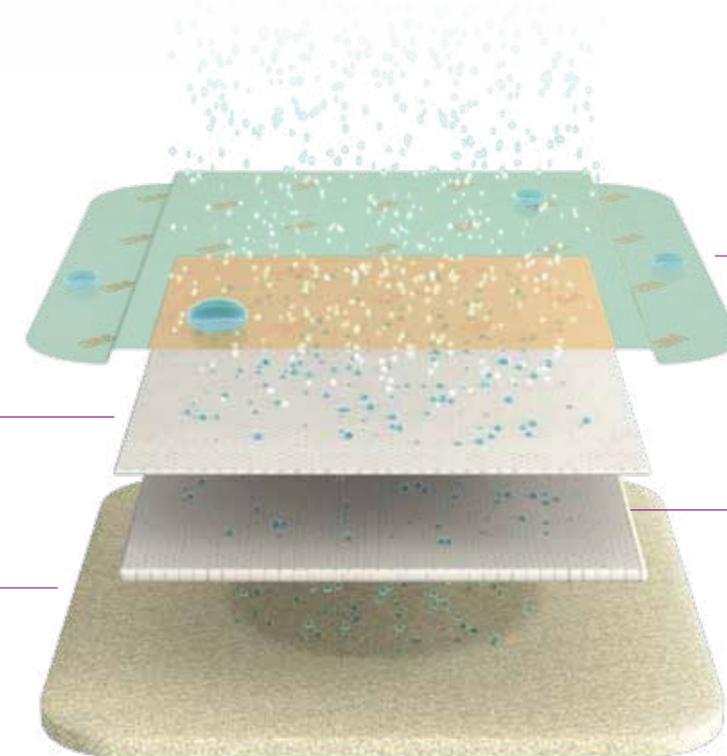
Enables rapid evaporation of excess moisture out of the dressing extending wear times

- Distributes moisture
- Facilitates evaporation
- Maintains moisture balance

### Soft, absorbent foam layer

Absorbs and rapidly wicks excess moisture away from the wound and periwound skin

- Protects wound
- Conformable and non-adherent
- Comfortable



### Breathable Film

A waterproof film that is moisture vapour permeable which prevents wound exudate strike-through and acts as a barrier to outside contamination, including bacteria and viruses<sup>2</sup>

### Super absorbent layer

Absorbs and retains moisture away from wound, reducing the risk of maceration

- Increase absorbency by 100%
- Minimises backward moisture migration

## Indications

Pressure injuries | Venous leg ulcers | Neuropathic ulcers | Arterial ulcers  
 Skin tears | Skin graft donor sites | Abrasions | Surgical Wounds  
 Superficial and partial thickness burns | Suitable for use around tube exit sites | Suitable for use with compression therapy

## An excellent partner for 3M™ Coban™ 2 Layer Compression System

Tegaderm™ High Performance Non-Adhesive Foam Dressing has been designed for use under compression. It can be used as a primary cover dressing under Coban™ 2 Layer Compression System.



# 3M™ Tegaderm™ High Performance Foam Adhesive Dressing

Can help simplify decision making, increase consistency of care, manage costs and improve outcomes.

- Intuitively adjusts to changing level of exudate
- Adheres to dry and moist skin
- Reduces the time and costs of more frequent dressing changes.



## The Ideal Dressing for the Majority of Wounds

Tegaderm™ Adhesive Foam Dressings intuitively adjust to changing levels of exudate to maintain an optimal moisture balance and reduce the risk of maceration, so you can feel confident you're providing the best care possible for almost any wound.

## Reliability you can Count on

You have enough on your plate. Tegaderm™ Adhesive Foam Dressings are easy to apply and easy to teach. The dressings adhere to both dry and moist skin, even on challenging body parts. The highly breathable film protects the wound, maintains an optimal healing environment and prevents strikethrough. This means you can use your limited time focusing on other areas of care.

## Helping you Manage Costs

You can reduce the time and product costs incurred performing more frequent, or unscheduled, dressing changes making Tegaderm™ Adhesive Foam Dressings the cost-effective choice for the majority of wounds.

## Improving Patient Activities of Daily Living

You can impact the health and well-being of your patients by providing treatment that enables them to live their lives more comfortably. The foam pad doesn't adhere to the wound bed, protects periwound tissue, and minimises pain. The conformable, low-profile dressing can be worn with normal clothing and footwear, and the waterproof seal enables patient showering.

**Patented, award-winning spoke delivery system**

- Allows for easy one handed application

**Moisture-control layer**

Enables rapid evaporation of excess moisture out of the dressing extending wear times

- Distributes moisture
- Facilitates evaporation
- Maintains moisture balance

**Soft, absorbent foam layer**

Absorbs and rapidly wicks excess moisture away from the wound and periwound skin

- Protects wound
- Conformable and non-adherent
- Comfortable

**Highly conformable adhesive-film backing**

Ensures that the dressing remains securely and comfortably in place

- Highly breathable when needed
- Minimises edge lift and fluid leakage
- Waterproof barrier protects against contamination and outside moisture

**Super absorbent layer**

Absorbs and remains moisture away from wound, reducing the risk of maceration

- Increase absorbency by 100%
- Minimises backward moisture migration

## Indications:

Pressure injuries | Skin tears | Skin graft donor sites | Venous leg ulcers | Neuropathic ulcers | Arterial ulcers | Abrasions



## Ordering Information

3M™ Tegaderm™ Absorbent Clear Acrylic Dressing						
	3M Product Code	Shape	Dressing Pad Size	Overall Dressing Size	Dressings/Box	Boxes/Case
	90800	Oval	3.8 x 5.7cm	7.6 x 9.5cm	5	6
	90801	Oval	6.0 x 7.6cm	11.1 x 12.7cm	5	6
	90802	Square	9.8 x 10.1cm	14.9 x 15.2cm	5	6
	90803	Oval	8.5 x 10.7cm	14.2 x 15.8cm	5	6
	90805	Square	14.9 x 15.2cm	20.0 x 20.3cm	5	4
	90807	Sacral	11.75 x 14.3cm	16.8 x 19.0cm	5	4
3M™ Tegaderm™ High Performance Foam Non-Adhesive Dressing						
	3M Product Code	Shape	Dressing Pad Size	Overall Dressing Size	Dressings/Box	Boxes/Case
	90600	Square		5 x 5cm	10	4
	90601	Square		10 x 10cm	10	4
	90602	Rectangle		10 x 20cm	5	6
	90603	Square		20 x 20cm	5	6
	90604	Fenestrated		8.9 x 8.9cm	10	4
	90605	Roll		10 x 60cm	1	6
3M™ Tegaderm™ High Performance Foam Adhesive Dressing						
	3M Product Code	Shape	Dressing Pad Size	Overall Dressing Size	Dressings/Box	Boxes/Case
	90614	Mini oval	3.1 x 3.8cm	6.9 x 7.6cm	10	4
	90615	Mini wrap	2.5 x 2.5cm	6.9 x 6.9cm	10	4
	90610	Square	5 x 5cm	8.8 x 8.8cm	10	4
	90611	Oval	6 x 7.6cm	10 x 11cm	10	4
	90612	Square	10 x 10cm	14.3 x 14.3cm	10	4
	90613	Oval	10 x 11cm	14.3 x 15.6cm	5	6
	90616	Oval	14 x 17.1cm	19 x 22.2cm	5	3
	90619	Heel/Elbow	7.62 x 7.62cm	13.97 x 13.97cm	4	4

1. [www.mtaa.org.au/about-the-industry/value-of-technology/wound-care/prevalence](http://www.mtaa.org.au/about-the-industry/value-of-technology/wound-care/prevalence)
2. In vitro testing shows that the transparent film of Tegaderm™ brand dressings provides a viral barrier from viruses 27 nm in diameter or larger while the dressing remains intact without leakage

3. M Romanelli, K Vowden, D Weir. Exudate Management Made Easy. Wounds International 2010; 1(2): Available from <http://www.woundsinternational.com>
4. Gray D, Stringfellow S, Cooper P, Russell F, Johnson S, et al. Pilot RCT of two dressings regimens for the management of skin tears. Wounds UK 2011;7(2).
5. Data on file at 3M



### Critical & Chronic Care Solutions Division

3M Australia Pty Limited  
 ABN 90 000 100 096  
 Building A, 1 Rivett Rd  
 North Ryde NSW 2113  
 Phone 1300 363 878  
[www.3M.com.au/C3SD](http://www.3M.com.au/C3SD)

3M New Zealand Limited  
 94 Apollo Drive  
 Rosedale 0632  
 Phone 0800 80 81 82  
[www.3M.co.nz/C3SD](http://www.3M.co.nz/C3SD)

To learn more about how 3M can help you manage moisture with confidence, contact your 3M Health Care representative or call the 3M Health Care Customer Helpline at Australia: 1300 363 878, New Zealand : 0800 80 81 82. Or, visit our websites;

[www.3M.com.au/moisture](http://www.3M.com.au/moisture)

[www.3M.co.nz/moisture](http://www.3M.co.nz/moisture)

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