3M™ Tegaderm™ I.V. Advanced Securement Dressings

Designed to Secure, Protect & Stabilise
The Implications of Poor Securement

Poorly secured catheters → Exposure to external movement → Dislodgement → Unscheduled restart

Poorly secured catheters → Micromovements → Irritation of the vein → Phlebitis

- Increased workload
- Cost of care
- Patient discomfort
The Power of 3

Secure

Force-shifting notch
Ships the pull force from the dressing’s edge to its centre, then across the dressing. Not only enlisting the entire dressing in securement, but its depth also diminishes the risk of catheter dislodgement.

Securement tape strip
Large securement tape strip designed to anchor the hub and allows the dressing to withstand additional pull force.

Protect

Comfort role of adhesive technology
Two innovative adhesives provide excellent hold, even under moist skin conditions. Patterned adhesive secures and protects the catheter, facilitating efficient moisture evaporation through the dressings; breathable film border adhesive provides added dressing securement, whilst remaining gentle on the skin, and is removed easily to maintain skin integrity. Less adhesive residue is left behind on patient skin and catheter.

Stabilise

Stabilisation border
Reinforced border enhances stabilisation and reduces edge roll, while allowing the dressing to remain flexible and conformable on the skin.
Provides nearly twice the P.I.V. catheter securement*
Out-performs against standard transparent film dressing

Compared to standard transparent film dressing plus tape strips, 3M™ Tegaderm™ I.V. Advanced Securement Dressing 1683 plus tape strips withstood nearly twice the pull force when securing a P.I.V.* (See figure 1).

Tegaderm I.V. Advanced Securement Performance Data for P.I.V. and P.I.C.C. Securement

Figure 1: Mean removal force compared to that of standard transparent film dressing and tape.
The measure of failure in this test was when the P.I.V. catheter moved one centimetre.

Figure 2: Mean removal force compared to that of standard transparent film dressing and tape.
3M™ Tegaderm™ I.V. Advanced Securement Dressing 1685 plus tape strips withstood a pull force greater than that of a standard transparent film dressing plus tape strips, when securing a P.I.C.C. The measure of failure in this test was when the P.I.C.C. catheter moved one centimetre.

NOTE: 3M™ Tegaderm™ I.V. Advanced Securement Dressing is not indicated to replace sutures for short-term C.V.C. catheters (e.g. jugular, subclavian, femoral).

* 3M internal data on file.

** In vitro testing shows that the transparent film of 3M™ Tegaderm™ I.V. Advanced Securement Dressing provides a viral barrier from viruses 27nm in diameter or larger while the dressing remains intact without leakage.
Can provide significant cost savings

Tegaderm™ I.V. Advanced Securement Dressings can help facilities manage I.V. site care costs by potentially diminishing the need for more frequent dressing changes or catheter restarts.

The transparent film allows for continuous visualisation of the insertion site. The strong yet gentle adhesives were designed to stay in place for up to seven days. The transparent film protecting the reinforced stabilisation border resists soiling. And the stabilisation tape strips can be removed, enabling easy access to the hub without the need to remove or replace the entire dressing.

Over the course of a year, facilities can realise significant savings using Tegaderm™ I.V. Advanced Securement Dressings in place of tape plus transparent film dressing as part of their standard of care (see Figure 3).

**Figure 3:** Potential annual material cost savings for 3M Tegaderm™ I.V. Advanced Securement Dressing (1683) as compared to standard transparent film dressing plus tape. The annual savings is due to reducing the number of restarts. Data and calculations on file.

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Tegaderm™ I.V. Advanced Securement Dressings can help facilities manage I.V. site care costs by potentially diminishing the need for more frequent dressing changes or catheter restarts.

Supports Infection Prevention Goals

The dressing’s film allows for effective oxygen-vapour exchange while helping protect against external contaminants, including those most commonly associated with catheter-related bloodstream infections. Helping to safeguard your patients health and your hospital.
Your smart choice in dressing technology

**Strong but gentle adhesive**
- Patterned film adhesive holds strongly, manages moisture and releases gently
- Forms seal around catheter site
- When applied with firm pressure, adhesives permeate irregular surfaces of skin, increasing the total area of contact for improved adhesion
- Pressure-sensitive adhesive conforms to skin and builds strength over the first 24 hours
- Latex-free

**Keyhole notch, designed to**
- Shift the pull force from the edge, to the centre, then across the dressing
- Discourage edge lift caused by the weight of the catheter and tubing
- Reduce catheter manipulation and dislodgement*

**Highly breathable transparent film**
- Provides continual site observation
- Conforms to body contours, flexes with patient movement and supports varied insertion practices
- Is semi-permeable promoting moisture evaporation and improved securement
- Provides a waterproof, sterile barrier to external contaminants including liquids, bacteria and viruses**

**Picture-frame delivery**
- Design makes placement accurate and easy
- No-touch application provides maximum control of application without touching dressing adhesive
- Minimises potential to stick to gloves or to itself

**Reinforced Stabilisation border**
- Enhances stabilisation while remaining flexible and conformable
- Reduces edge roll to maintain seal
- Provides comfort and resists soiling, for longer wear time
- Special coating allows for easy tape strip removal to gain hub access without removing dressing

**Documentation label**
- Allows for documenting dressing changes
- Is preprinted for convenience

**Sterile tape strip**
- Enhance stabilisation, allowing the dressing to withstand additional pull force*
- Improve protocol compliance
- Precut for anchoring hubs, lumens and tubing

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* 3M internal data on file.
** In vitro testing shows that the transparent film of 3M™ Tegaderm™ I.V. Advanced Securement Dressing provides a viral barrier for viruses 27nm in diameter or larger while the dressing remains intact without leakage. Recommend using a waterproof cover over the dressing and I.V. site when showering.
# Product ordering and specifications

**Ordering Information:**

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Product and package are latex free.