



**3M™ Steri-Strip™**  
**Adhesive Skin Closures**  
 Over 50 years of proven use.

**For More Information**

Contact your 3M Health Care Sales Representative or call the 3M Health Care Customer Helpline at 1-800-228-3957. These products can be ordered from your local distributor. Outside the United States, contact the local 3M subsidiary.



 [go.3M.com/SS-Brochure](http://go.3M.com/SS-Brochure)

**References**

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 Revised 08/12  
 70-2009-4533-8 (110.1)ii

**3M™ Steri-Strip™ Adhesive Skin Closures**  
**PRODUCT CATALOG**



How could something  
**so small**  
 do so much?

**Fast. Simple. Less Chance of Infection.**



# Fight to Prevent Infections at the Site

## With 3M™ Steri-Strip™ Adhesive Skin Closures

Despite modern advancements in infection prevention, health care-acquired infections (HAIs) remain one of the top 10 leading causes of death in the United States and are responsible for nearly 100,000 deaths each year.<sup>1</sup> Surgical site infections (SSIs) are the second most-common HAI, accounting for 20% of all HAIs among hospitalized patients.<sup>2</sup> Post-operative SSIs are the most common healthcare-associated infection in surgical patients<sup>3</sup>, occurring in up to 5 percent of surgical patients.<sup>4</sup>

SSIs are a major public health concern for health care providers and patients alike.

Studies find that surgical patients who develop an SSI are more than twice as likely to die as those who don't.<sup>5</sup>

If an SSI occurs, a patient is 60 percent as likely to spend time in the ICU after surgery than is an uninfected surgical patient.<sup>5</sup>

Patients who develop a surgical site infection after hospital discharge are also five times more likely to be readmitted to the hospital.<sup>5</sup>

To equip your hospital with tools to implement infection prevention strategies, improve patient outcomes and reduce costs, 3M offers a full line of 3M™ Steri-Strip™ Adhesive Skin Closures that have been clinically proven in numerous studies to help stop surgical site infections at the most ideal time: Before They Start.

### References

1. U.S. Department of Health & Human Services, Agency for Healthcare Research & Quality (AHRQ). <http://www.ahrq.gov/qual/hais.htm>
2. Klevens RM, Edwards JR, et al. Estimating health care-associated infections and deaths in U.S. hospitals, 2002. *Public Health Reports* 2007;122:160-166.
3. Mangram AJ, Horan TC, Pearson ML, Silver LC, Jarvis WR, The Hospital Infection Control Practices Advisory Committee. Guideline for the prevention of surgical site infection, 1999. *Infect Control Hosp Epidemiol.* 1999;20:247-280.
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5. Kirkland KB, Briggs JP, Trivette SL, et al. The impact of surgical-site infections in the 1990s: attributable mortality, excess length of hospitalization, and extra costs. *Infect Control Hosp Epidemiol.* 1999;20:725-730.

# 3M™ Steri-Strip™ Adhesive Skin Closures

## Antimicrobial

*In vitro* testing shows the iodophor adhesive used in the manufacture of 3M™ Steri-Strip™ Antimicrobial Skin Closures has broad-spectrum activity against the most common pathogens causing surgical site infections.<sup>1</sup>

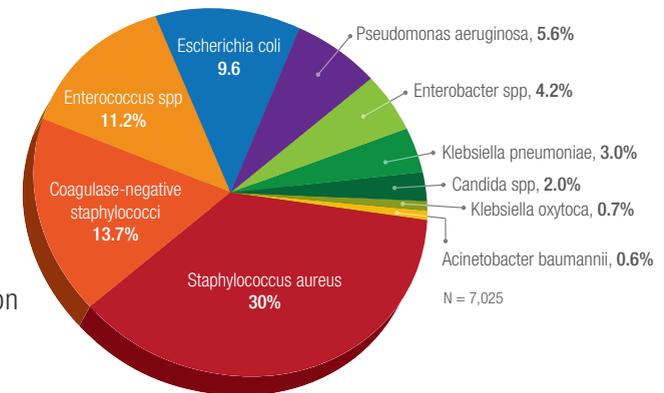
- *Staphylococcus aureus* is the leading cause of surgical site infections.<sup>2</sup>
- Hospital stays for Methicillin-resistant *Staphylococcus aureus* (MRSA) infection have more than tripled since 2000 and have increased nearly ten-fold since 1995.<sup>3</sup>
- Preventing a single case of SSI due to (MRSA) can save hospitals as much as \$60,000.<sup>4</sup>

### References

1. A 3M *In Vitro* Ioban™ Study 05-010730 (2008), 3M Health Care.
2. Hidron AI, et al., *Infect Control Hosp Epidemiol*. 2008;29:996-1011; Hidron AI et al., *Infect Control Hosp Epidemiol*. 2009;30:107.
3. Elixhauser A and Steiner C. Infections with Methicillin-Resistant *Staphylococcus Aureus* (MRSA) in U.S. Hospitals, 1993–2005. *AHRQ Healthcare Cost and Utilization Project Statistical Brief* 2007; 35:1-10.
4. Anderson DJ, Kaye KS, Chen LF, Schmadler KE, Choi Y, et al. (2009) Clinical and Financial Outcomes Due to Methicillin Resistant *Staphylococcus aureus* Surgical Site Infection: A Multi-Center Matched Outcomes Study. *PLoS ONE* 4(12): e8305. doi:10.1371/journal.pone.0008305.

### Organisms Causing SSI

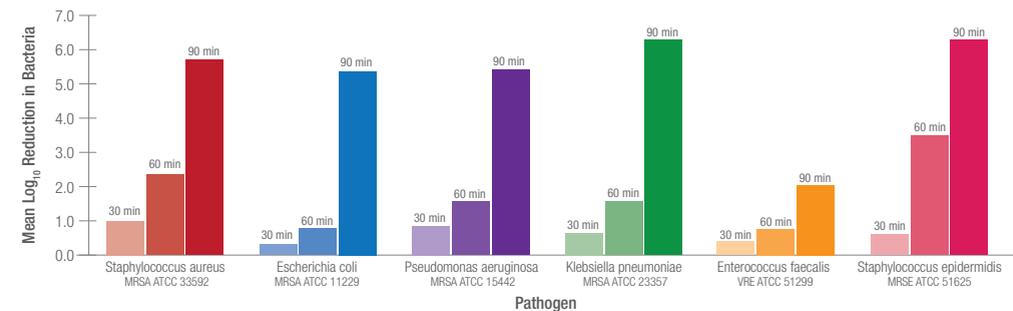
- Antimicrobial**  
Iodophor in the adhesive
- Secure**  
High initial tack
- Lasting**  
Excellent long-term adhesion



Hidron AI, et al., *Infect Control Hosp Epidemiol* 2008;29:996-1011.  
Hidron AI et al., *Infect Control Hosp Epidemiol* 2009;30:107-107(ERRATUM).

### Assessment of Antimicrobial Effectiveness:

MICROBIAL KILL BY EXPOSURE TO IODOPHOR ANTIMICROBIAL, MEAN LOG<sub>10</sub> REDUCTION<sup>1</sup>



## 3M™ Steri-Strip™ Antimicrobial Skin Closures

Offers wound closure and support with a special adhesive containing Iodophor.



### Features and Benefits

- Iodophor incorporated in the adhesive
- High initial tack
- Excellent long-term adhesion

### Suggested Applications

- Steri-Strip antimicrobial skin closures can be used for closure of lacerations, surgical incisions and wound support following early suture/staple removal.



**A1842** (6mm x 38mm)

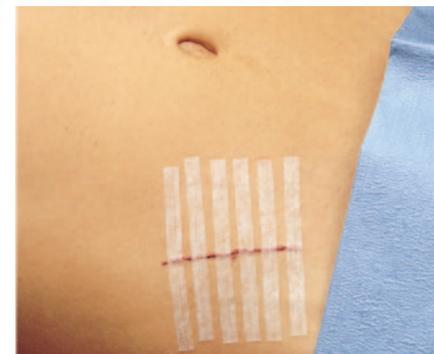
**A1846** (6mm x 100mm)

**A1847** (12mm x 100mm)

**A1848** (25mm x 125mm)

## 3M™ Steri-Strip™ Skin Closures (Reinforced)

The standard for wound closure and wound support.



### Features and Benefits

- Nonwoven, rayon-backed material reinforced with filaments for strength
- Breathable
- Microporous material
- Hypoallergenic adhesive
- Provides wound support and assists in increasing the tensile strength of the wound\*
- Provides better cosmetic outcome than sutures or staples\*
- Permits early staple/suture removal\*
- Reduces the risk of infection\*

\* (See references on back cover.)



### Suggested Applications

- Reinforced Steri-Strip skin closures are used in the closure of lacerations, surgical incisions and following early suture/staple removal.

**R1540** (3mm x 75mm)

**R1541** (6mm x 75mm)

**R1542** (6mm x 38mm)

**R1546** (6mm x 100mm)

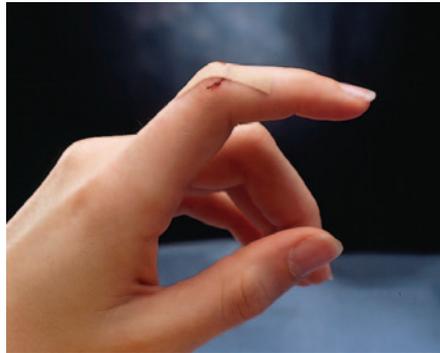
**R1547** (12mm x 100mm)

**R1548** (25mm x 125mm)

**R1549** (12mm x 50mm)

## 3M™ Steri-Strip™ Elastic Skin Closures

Flexibility for your special application needs with elasticity and conformability.



### Features and Benefits

- Tan color for a cosmetically pleasing appearance
- Stretches with body movement or edema
- Soft, nonwoven backing for patient comfort
- Hypoallergenic adhesive

### Suggested Applications

- Steri-Strip elastic skin closures are chosen when conformability and flexibility are needed, such as highly contoured areas, areas of musculoskeletal movement, or where edema is expected.



## 3M™ Steri-Strip™ Blend Tone Skin Closures

Non-reinforced, microporous, light-colored skin closures.



### Features and Benefits

- Microporous material is breathable
- Hypoallergenic, pressure-sensitive adhesive
- Light color allows natural skin tone to show through

### Suggested Applications

- Steri-Strip blend tone skin closures can be used when there is a need for a non-reinforced, gentle closure. It's barely noticeable and allows natural skin tone to show through.



## 3M™ Steri-Strip™ Wound Closure System

Combines the cosmetic benefits of 3M™ Steri-Strip™ Skin Closures and the barrier protection of 3M™ Tegaderm™ Transparent Dressing into one convenient product.



### Features and Benefits

- Makes closure quick and easy
- Provides a waterproof barrier, so patients can shower
- Eliminates the need to cut strips or dressings
- Steri-Strip closures reduce the risk of infection compared to sutured or stapled wounds\*
- Tegaderm™ dressings conform and stretch, allowing free movement
- May be worn for up to seven days

\* (See references on back cover.)

### Suggested Applications

- Steri-Strip wound closure system\*\* provides convenient, conformable, waterproof coverage of the wound site. Ideal when the wound or incision is small.

**W8512** 1 closure system/envelope  
(Dressing: 60mm x 47mm; Closure: 47mm x 12mm)

**W8514** 3 closure systems/envelope  
(Dressing: 60mm x 47mm; Closure: 47mm x 12mm)

**W8516** 5 closure systems/envelope  
(Dressing: 60mm x 47mm; Closure: 47mm x 12mm)

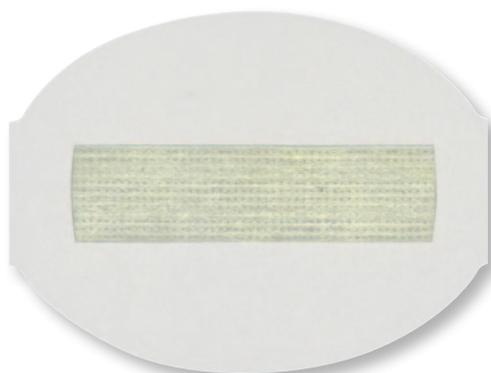
## 3M™ Steri-Strip™ Compound Benzoin Tincture

Steri-Strip compound benzoin tincture may be used to increase skin closure adhesion. Sterile tray packaging allows aseptic delivery.



## 3M™ Steri-Strip™ Skin Closure Rack

The Steri-Strip skin closure rack is a convenient way to keep the sizes you use most within easy reach in an office or hospital setting.



**\*\*CAUTION:** THE PACKAGE OF THIS PRODUCT CONTAINS NATURAL RUBBER LATEX WHICH MAY CAUSE ALLERGIC REACTIONS.

# Using Adhesive Skin Closures Effectively

Which 3M™ Steri-Strip™ Skin Closure Should I Use?



*I need a wound closure solution with antimicrobial properties.*

*I need a closure for wounds that provides reinforced support and tensile strength.*

*My patients want a closure for wounds that is less noticeable.*

*I need closure for body areas that have lots of movement or contours.*

*My first priority is barrier protection and easy closure.*

*I want to increase skin closure adhesion.*

# Using Adhesive Skin Closures Effectively

## Which 3M™ Steri-Strip™ Skin Closure Should I Use?



..... *I need a wound closure solution with antimicrobial properties.*

Recommended Choice  
3M™ Steri-Strip™  
Antimicrobial Skin Closures

### Additional Benefits

Antimicrobial iodophor incorporated in the adhesive

High initial tack

Cost-effective

Reinforced for added strength

..... *I need a closure for wounds that provides reinforced support and tensile strength.*

Recommended Choice  
3M™ Steri-Strip™ Skin Closures (Reinforced)



### Additional Benefits

Hypoallergenic adhesive

Breathable

Cost-effective

Reinforced for added strength

# Using Adhesive Skin Closures Effectively

## Which 3M™ Steri-Strip™ Skin Closure Should I Use?



*My patients want a closure for wounds that is less noticeable.*

Recommended Choice  
3M™ Steri-Strip™ Blend  
Tone Skin Closures

### Additional Benefits

Allows natural skin tone to show through

Hypoallergenic adhesive

Breathable

Cost-effective

*I need closure for body areas that have lots of movement or contours.*

Recommended Choice  
3M™ Steri-Strip™ Elastic  
Skin Closures

### Additional Benefits

Stretches with body movement or edema

Tan color for cosmetically pleasing appearance

Soft, nonwoven backing for patient comfort

Cost-effective

# Using Adhesive Skin Closures Effectively

## Which 3M™ Steri-Strip™ Skin Closure Should I Use?



*My first priority is barrier protection and easy closure.*

Recommended Choice  
3M™ Steri-Strip™ Wound Closure System

### Additional Benefits

Provides waterproof barrier, so patients can shower

Eliminates the need to cut strips or dressings

Tegaderm™ dressings conform and stretch

7 day wear time

Cost-effective

*I want to increase skin closure adhesion.*

Recommended Choice  
3M™ Steri-Strip™ Compound Benzoin Tincture

### Additional Benefits

May be used to increase skin closure adhesion

Sterile packaging allows aseptic delivery

Cost-effective

## Skin Closure Application



**1** Clean and dry skin at least two inches around wound. If enhanced strip adhesion is desired, a thin layer of Steri-Strip compound benzoin tincture (CBT) may be applied on skin up to wound edge.\* If distention or movement is anticipated, consider using 3M™ Steri-Strip™ Elastic Skin Closures.



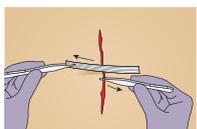
**2** Peel back package tabs to access the sterile Steri-Strip closures. Remove card, using sterile precautions as necessary. Bend card at end perforation and gently remove tab.



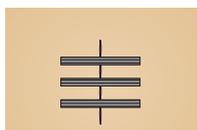
**3** Grasp end of skin closure with forceps or gloved hand; lift straight upward (90 degree angle). Steri-Strip closures lifted at a lesser angle or directly back on themselves may "curl," complicating handling.



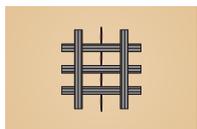
**4** Wound closure generally starts at the middle of the wound. Steri-Strip closures must be applied without tension. Do not stretch or "strap" Steri-Strip closures. Apply one-half of first Steri-Strip closure to wound margin and press firmly in place.



**5** Using fingers or forceps, appose skin edges as closely as possible. Press free half of Steri-Strip closure firmly on other side of wound.



**6** The rest of the wound should be closed with additional Steri-Strip closures spaced approximately 1/8 inch (3mm) apart by (a) sequentially bisecting remaining length of wound with Steri-Strip closures or (b) applying Steri-Strip closures 1/8 inch apart until edges are completely approximated. If edges are not accurately apposed, remove Steri-Strip closures over affected area (peeling each side towards wound) and reapproximate wound.

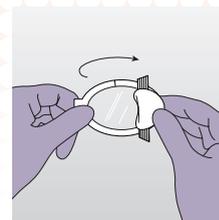


**7** Additional Steri-Strip closures may be applied parallel to wound, approximately 1/2 inch in from ends (cross stays, railroad tracks). This may reduce stress beneath the ends of Steri-Strip closures decreasing risk of skin tension blisters and premature lifting of Steri-Strip closures.

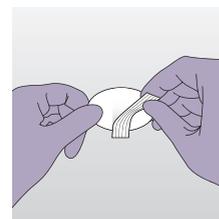
\* Avoid contacting wound with CBT as it may impair wound healing.

**Tip:** If tension is noted under Steri-Strip skin closures, they may be replaced under the direction of a health care professional. Lifted edges of Steri-Strip closures may be trimmed. However, when less than 1/2 inch of Steri-Strip closures remains on either side of wound, one might consider gently removing the Steri-Strip closure and replacing it with a new one.

## Wound Closure Application



**1** Prepare site for closure and dressing. Remove center oval with Steri-Strip closure attached from the 3M™ Tegaderm™ Transparent Film Dressing. The Steri-Strip closure will remain on the oval.



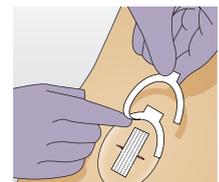
**2** Grasp one end of Steri-Strip closure to remove.



**3** Approximate wound edges and apply Steri-Strip closure. Gently, but firmly, smooth skin closure from center outward.



**4** Peel paper liner from dressing to expose adhesive surface. Position dressing over site, covering Steri-Strip closure.



**5** Gently remove paper frame while smoothing down dressing edges. Firmly smooth dressing from center towards the edges.

**\*CAUTION:** THE PACKAGE OF THIS PRODUCT CONTAINS NATURAL RUBBER LATEX WHICH MAY CAUSE ALLERGIC REACTIONS.

## Skin Closure Removal

- 1 Remove cross stays. Gently grasp and loosen ends of Steri-Strip closure.
- 2 Stabilize the skin with one finger. Remove Steri-Strip closure “low and slow” towards wound, keeping it close to skin surface and pulled back over itself. Removing Steri-Strip closure at an angle will pull at the epidermis increasing risk of mechanical trauma.
- 3 As the Steri-Strip closure is removed, continue moving finger as necessary, supporting newly exposed skin. When both sides of the Steri-Strip closure are completely loosened, lift strip up from center of wound.

## Wound Closure Removal

Using the stretch method will allow the Steri-Strip closure to remain in place. If Steri-Strip closure is also to be removed, **follow removal instructions above.**

### Stretch method



- 1 Grasp one edge or catch a “corner” of the 3M™ Tegaderm™ Transparent Film Dressing with a piece of tape.
- 2 Gently lift edge.

- 3 With other hand, place fingers on top of dressing to support skin.
- 4 Gently stretch the Tegaderm™ dressing straight out and parallel to skin. This will release the adhesion of the dressing to the skin.

As the Tegaderm™ dressing is loosened, you may either (1) alternately stretch and relax the dressing or (2) “walk” your fingers under the dressing to continue stretching it. With both approaches, one hand continually supports the skin adhered to the Tegaderm™ dressing.

## Ordering Information

Cat. No.	NHRIC/ NDC No.	Size	Closures/ Envelope	Envelopes/ Box	Boxes/ Cases
<b>3M™ Steri-Strip™ Skin Closures (Reinforced)</b>					
R1540	8333-1540-01	1/8 in. x 3 in./3mm x 75mm	5	50	4
R1541	8333-1541-01	1/4 in. x 3 in./6mm x 75mm	3	50	4
R1542	8333-1542-01	1/4 in. x 1-1/2 in./6mm x 38mm	6	50	4
R1546	8333-1546-01	1/4 in. x 4 in./6mm x 100mm	10	50	4
R1547	8333-1547-01	1/2 in. x 4 in./12mm x 100mm	6	50	4
R1548	8333-1548-01	1 in. x 5 in./25mm x 125mm	4	25	4
R1549	8333-1549-01	1/2 in. x 2 in./12mm x 50mm	6	50	4
<b>3M™ Steri-Strip™ Elastic Skin Closures</b>					
E4540	8333-4540-01	1/8 in. x 3 in./3mm x 75mm	5	50	4
E4541	8333-4541-01	1/4 in. x 3 in./6mm x 75mm	3	50	4
E4542	8333-4542-01	1/4 in. x 1-1/2 in./6mm x 38mm	6	50	4
E4546	8333-4546-01	1/4 in. x 4 in./6mm x 100mm	10	50	4
E4547	8333-4547-01	1/2 in. x 4 in./12mm x 100mm	6	50	4
E4548	8333-4548-01	1 in. x 5 in./25mm x 125mm	4	25	4
E4549	8333-4549-01	1/2 in. x 2 in./12mm x 50mm	6	50	4
<b>3M™ Steri-Strip™ Blend Tone Skin Closures</b>					
B1550	8333-1550-01	1/8 in. x 3 in./3mm x 75mm	5	50	4
B1551	8333-1551-01	1/4 in. x 3 in./6mm x 75mm	3	50	4
B1553	8333-1553-01	1/4 in. x 4 in./6mm x 100mm	10	50	4
B1557	8333-1557-01	1/2 in. x 4 in./12mm x 100mm	6	50	4
B1559	8333-1559-01	1/2 in. x 2 in./12mm x 50mm	6	50	4
<b>3M™ Steri-Strip™ Antimicrobial Skin Closures</b>					
A1840	8333-1840-01	1/8 in. x 3 in./3mm x 75mm	5	50	4
A1841	8333-1841-01	1/4 in. x 3 in./6mm x 75mm	3	50	4
A1842	8333-1842-01	1/4 in. x 1-1/2 in./6mm x 38mm	6	50	4
A1846	8333-1846-01	1/4 in. x 4 in./6mm x 100mm	10	50	4
A1847	8333-1847-01	1/2 in. x 4 in./12mm x 100mm	6	50	4
A1848	8333-1848-01	1 in. x 5 in./25mm x 125mm	4	25	4
<b>3M™ Steri-Strip™ Wound Closure System*</b>					
W8512*	-	Dressing: 2-3/8 in. x 1-7/8 in./60mm x 47mm Closure: 1-7/8 in. x 1/2 in./47mm x 12mm	1	25	4
W8514*	-	Dressing: 2-3/8 in. x 1-7/8 in./60mm x 47mm Closure: 1-7/8 in. x 1/2 in./47mm x 12mm	3	25	4
W8516*	-	Dressing: 2-3/8 in. x 1-7/8 in./60mm x 47mm Closure: 1-7/8 in. x 1/2 in./47mm x 12mm	5	25	4
<b>3M™ Steri-Strip™ Compound Benzoin Tincture</b>					
C1544	-	2/3cc	40		4
<b>3M™ Steri-Strip™ Skin Closure Rack</b>					
1555	-	19-1/2 in. x 5-7/8 in. x 3 in.	4 or 8 Steri-Strip boxes of any combination		1

**\*CAUTION:** THE PACKAGE OF THIS PRODUCT CONTAINS NATURAL RUBBER LATEX WHICH MAY CAUSE ALLERGIC REACTIONS.