



# Construction Seaming Tape

## 8087

Technical Data

October, 2006

### Product Description

3M™ Construction Seaming Tape 8087 is designed to seal seams on housewrap and insulated sheathing products. It can also be used to seam polyethylene vapor barrier products as well as to repair holes and tears in these building materials. Taping seams aids in reducing air infiltration, improving the effectiveness of insulation and reducing heating and cooling costs.

### Product Construction

Backing	Adhesive	Color	Standard Roll Length
Biaxially oriented polypropylene film	Acrylic	Blue	17/8" x 55 yds. (47.6 mm x 50.2 m) 2 <sup>13</sup> / <sub>16</sub> " x 55 yds. (71.4 mm x 50.2 m)

### Typical Physical Properties

**Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

		ASTM Test Method
Adhesion to Steel:	24 oz./in. width (26 N/100 mm)	D-3330
Adhesion to Tyvek® Housewrap:	15 oz./in. width (16 N/100 mm) Pulls fibers	D-3330
Adhesion to Polyethylene:	10 oz./in. width (11 N/100 mm)	D-3330
Tensile Strength:	31 lbs./in. width (543 N/100 mm)	D-3759
Elongation at Break:	150%	D-3759
Tape Thickness:	2.9 mils (0.07 mm)	D-3652
Application Temperature:	14°F to 120°F (-10°C to 49°C)	
Service Temperature:	-40°F to 220°F (-40°C to 105°C)	

### Features

- Excellent cold temperature adhesion to housewrap and polyethylene as low as 14°F (-10°C).
- UV resistant film helps protect against degradation by sunlight.
- If applied at cold temperatures, adhesion will increase as temperature warms or with the sun's rays.
- Low moisture vapor transmission rate does not compromise performance of vapor barriers.
- Tape remains flexible even at -4°F (-20°C) for cold temperature applications.
- Good instant adhesion to a wide variety of materials such as housewrap, insulated sheathing, vapor barrier film, and unfinished wood.
- Good holding power, resists lifting and curling.
- The dark blue color provides good contrast for quick visual inspection yet is transparent enough for easy alignment.

# 3M™ Construction Seaming Tape

8087

- 
- Application Instructions**
- For optimum adhesion apply to clean, dry surfaces.
  - Do not apply to wet materials.
  - Insure proper rubdown of the tape to the substrate for optimum performance.

---

**Storage** Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

---

**Shelf Life** To obtain best performance, use this product within 18 months from date of manufacture.

---

**Product Use** All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

---

**Warranty and Limited Remedy** Unless stated otherwise in 3M's product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product meets the applicable specifications at the time 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If the 3M product is defective within the warranty period, your exclusive remedy and 3M's and seller's sole obligation will be, at 3M's option, to replace the product or refund the purchase price.

---

**Limitation of Liability** Except where prohibited by law, 3M and seller will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

**ISO 9001:2000**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



**Industrial Business  
Industrial Adhesives and Tapes Division**

3M Center, Building 21-1W-10, 900 Bush Avenue  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (fax)  
www.3M.com/industrial



*Recycled Paper  
40% pre-consumer  
10% post-consumer*

3M is a trademark of 3M Company.  
Tyvek is a registered trademark of E.I. DuPont  
de Nemours & Company incorporated.  
Printed in U.S.A.  
©3M 2006 70-0711-0158-1 (10/06)