



# Adhesive Transfer Tape Pad

## 1026

Technical Data

August, 2001

### Product Description

All the benefits of a roll of adhesive transfer tape in convenient, pre-cut, easy-to-use tape strips on a pad. Dispenserless tape pads put convenience right at your fingertips.

3M™ Adhesive Transfer Tape Pad 1026 uses a medium-firm acrylic pressure-sensitive adhesive system. It features very high initial adhesion and good shear holding power to a wide variety of materials, including many coated papers, plastics, fabrics and foam.

### Construction

Adhesive Type:	#300 adhesive family
Adhesive Carrier:	None
Release Liner:	Tan Kraft paper
Approximate Thickness:	
Release Liner	0.004 in. (0.10 mm)
Tape Only	0.005 in. (0.13 mm)
Tape Color	Clear

### Typical Physical Properties and Performance Characteristics

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

Adhesion to Steel (ASTM D3330):	75 oz./in. (82 N/100 mm)
Relative High Temperature Operating Ranges:	
Long Term (days, weeks)	180°F (82°C)
Short Term (minutes, hours)	250°F (121°C)
Relative Solvent Resistance:	Medium
U.V. Resistance:	Not recommended for long term (> 1 Yr.) exposure to sunlight or other sources of ultra violet (U.V.) light.
Shelf Life of Tape in Pad Form:	24 months from date of manufacture when stored in original cartons at 70°F (21°C) and 50% relative humidity.
Standard Pad Sizes:	1" x 4", 3/4" x 6" (Other Custom Sizes Available) (Subject to Minimum Order Requirements)
Normal Slitting Tolerance:	± 1/32 in. (0.8 mm)

# 3M™ Adhesive Transfer Tape Pad

1026

---

## Application Ideas

3M™ Adhesive Transfer Tape Pad 1026 is ideal for attaching a wide variety of similar and dissimilar materials where an aggressive adhesive with high initial adhesion is desired. Some application ideas are:

- Re-sealing lids on beverage cartons or other boxes.
- Laminating adhesive for foams, photos, fabrics, metal or plastic nameplates.
- General purpose holding and mounting applications.

---

## Application Techniques

- Remove tape strip from pad using tab end. Apply tape strip to substrate surface with firm application pressure. Pull on tab end to remove liner. Adhesive will transfer from liner to the substrate surface. Apply second substrate to adhesive, with firm application pressure (15 psi momentary pressure), to form bond between the two substrates.
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improve bond strength.
- To obtain optimum adhesion, the bonding surfaces must be clean, dry, and well unified. Some typical surface cleaning solvents are isopropyl alcohol or heptane. Cleaning solvents are typically not required on paper (coated or uncoated) surfaces.  
**Note:** Be sure to follow solvent manufacturer's precautions and directions for use when using solvents. These cleaning recommendations may not be compliant with the rules of certain Air Quality Management Districts in California; consult applicable rules before use.
- Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not typically recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is satisfactory.

---

## General Information

- The resistance of these tapes to ultra violet (U.V.) light is fair. Applications where the adhesive mass is directly exposed to sunlight or other sources of U.V. light through glass, clear plastic, etc. should be avoided. Edge exposure is generally satisfactory.
- The adhesive has relatively good resistance to moderate amounts of plasticizers. Applications may be subjectively evaluated by the user testing the tape in contact with the materials at conditions of 150°F (66°C) for a period of 5-7 days.
- This adhesive will not bleed into most paper stocks which helps minimize possible discoloration of posters, business forms.
- Tape 1026 meet the requirements of U.S. Government Specification MIL-P-19834B, Amend 1.

# 3M™ Adhesive Transfer Tape Pad

1026

---

## Certification/ Recognition

**MSDS:** 3M has not prepared a MSDS for this product which is not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, the product should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the directions for use may affect its performance and present potential health and safety hazards.

**TSCA:** This product is defined as an article under the Toxic Substances Control Act and is therefore exempt from inventory listing requirements.

---

## For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit [www.3M.com/bonding](http://www.3M.com/bonding). Address correspondence to: 3M Engineered Adhesives Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

---

## Important Notice

3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which 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.

---

## Limitation of Remedies and Liability

If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.

ISO 9002

This Engineered Adhesives Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

**3M**

Engineered Adhesives Division  
3M Center, Building 220-7E-01  
St. Paul, MN 55144-1000



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

Printed in U.S.A.  
©3M 2001 70-0709-3909-8 (8/01)