



Adhesive Transfer Tape

8056

Technical Data

January, 2001

Product Description **Tape 8056** 0.005 in. (0.13 mm) thick adhesive transfer tape

Construction

Product

Tape 8056

Adhesive Type:

Acrylic

Release Liner:

Tan, 60# Densified 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:

35 oz./in. width (38 N/100 mm)

Relative High Temperature Operating Ranges:

Short Term: (minutes, hours)

150°F (65°C)

Long Term: (days, weeks)

120°F (48°C)

Relative Solvent Resistance:

Low

UV Resistance:

Excellent

Shelf Life of Tape in Roll Form:

18 months from date of manufacture when stored in original cartons at 70°F (21°C) and 50% R.H.

Available Sizes

Available Lengths

(Subject to minimum order requirements):

Standard

60 yds. (54.9 m)

Maximum

1/2" to 1" widths

60 yds. (54.9 m)

1" and Greater

180 yds. (165 m)

Available Widths

(Subject to minimum order requirements):

Minimum

1/2 in. (12.7 mm)

Maximum

23 in. (584 mm)

Normal Slitting Tolerance:

± 1/32 in. (0.8 mm)

Core Size:

3.0 in. (76.2 mm)

3M™ Adhesive Transfer Tape

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Application Techniques

- 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. **Note:** Be sure to follow manufacturer's safety precautions and directions for use when using solvents.
- Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 20°F (-7°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

Application Ideas

The very aggressive adhesive of adhesive transfer tape 8056 is ideal for making many zero speed and flying splices. It has been used on many webs that are difficult to splice because of "hard-to-stick to" coatings on the web.

Some applications ideas include:

- Flying splices on coated papers.
- Flying splices on chemically saturated non-woven fabric.
- Zero speed splices on chemically saturated low density foam.
- Flying splices on vinyl and rubber coated fabric.
- Flying splices on polyethylene.

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 therefore, it is 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. Address correspondence to: 3M Bonding Systems 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: 1-809-750-3000. In Mexico, phone: 5-728-2180.

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



Bonding Systems Division

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



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