

January, 2001

3M™ Adhesive Transfer Tape 8056

Product Description

0.005 in. (0.13 mm) thick adhesive transfer tape



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Technical Information Note

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

Typical Physical Properties

Property	Values	
Color	Clear	
Tape Thickness	0.13 mm	5 mil
Adhesive	Acrylic	
Release Liner	60# Densified Kraft Paper	
Liner Thickness	0.10 mm	4 mil
Liner Color	Tan	

Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	3.8 N/cm	35 oz/in	ASTM D3330	Stainless Steel
Solvent Resistance	Low			
UV Resistance	Excellent			

Relative High Temperature Operating Ranges		Test Condition
65 °C	150 °F	Short Term (minutes, hours)
48 °C	120 °F	Long Term (days, weeks)

Property: Relative High Temperature Operating Ranges

Available Sizes

Property	Values	
Note	Subject to Minimum Order Requirements	
Standard Length	54.9 m	60 yd
Minimum Available Width	12.7 mm	1/2 in
Maximum Available Width	584 mm	23 in
Normal Slitting Tolerance	± 0.8 mm	± 1/32 in
Core Size (ID)	76.2 mm	3.0 in

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Available Sizes (continued)

Maximum Length		Width
54.9 m	60 yd	1/2 in to 1 in widths
165 m	180 yd	1 in to maximum

Property: Maximum Length

Handling/Application Information

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.

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.

Storage and Shelf Life

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

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/-/3M-Adhesive-Transfer-Tape-8056/?N=5002385+3293241838&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=8056

ISO Statement

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

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.

Recognition/Certification

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.

Information

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