



High Performance Double Coated Tissue Tape

9456

Technical Data

February, 1998

Product Description **9456** 0.004 in. (0.10 mm) Double Coated Tissue Tape

Construction

Product

Tape 9456

Adhesive Type:	A-50*
Adhesive Carrier:	Tissue
Release Liner:	White with red 3M logo
Approximate Thickness:	
Release Liner:	0.003 in. (0.08 mm)
Tape Only:	0.0045 in. (0.11 mm)
Tape Color:	Translucent

*A-50 is a medium-firm acrylic pressure-sensitive adhesive. It features high initial adhesion to a wide variety of materials and good shear holding power.

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)	55 oz./in. width (60 N/100 mm)
Relative High Temperature Operating Ranges:	
Short Term: (less than 20 seconds)	up to 400°F (204°C)
Short Term: (Minutes, Hours)	180°F (82°C)
Long Term: (Days, Weeks)	150°F (65°C)
Relative Solvent Resistance:	Good
U.V. Resistance:	Fair
Shelf Life of Tape in Roll Form:	24 months from date of manufacture when stored in original cartons at 70°F (21°C) and 50% relative humidity.

Available Sizes

Available Lengths (Subject to Minimum Order Requirements):	
Standard:	72 yds. (65.8 m)
Maximum: 1/2 in. to 5 in.	360 yds. (292.4 m)
Available Widths:	1/2 in., 3/4 in., 1 in., 1 1/2 in., 2 in., 3 in. and 5 in.
Normal Slitting Tolerance:	± 1/32 in. (0.08 mm)
Core Size (ID):	3.0 in. (76.2 mm)

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Application Ideas

- End tabbing
- Bonding fabric to rigid cardboard
- Attaching foam to plastics
- Closing CD chipboard mailers
- Bonding polyester film to ABS

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550. Address correspondence to: 3M Bonding Systems Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 612-733-9175. 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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ISO 9002

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

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



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