

Scotch® Security Message Box Sealing Tape 3779



Technical Data

May, 2003

Product Description

Scotch® Security Message Box Sealing Tape 3779 is an industrial packaging tape used for box sealing specifically where security of the carton contents is a concern. The printed design along with the message make it easier to note when a package has been opened. Additionally, this product has a conformable backing and a consistent pressure sensitive hot melt adhesive system. This time-proven construction assures a reliable performance in a range of environments and applications.

Construction

Backing

Biaxially oriented
polypropylene film

Adhesive

Pressure sensitive hot
melt rubber-resin

Colors

Clear with red
printed message

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:	40 oz./in. width (44 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	22 lbs./in. width (385 N/100 mm width)	D-3759
Cross Direction:	44 lbs./in. width (771 N/100 mm width)	D-3759
Elongation at Break:	160%	D-3759
Thickness - Backing:	1.2 mil (0.030 mm)	D-3652
Total:	1.9 mil (0.048 mm)	D-3652
Holding Power to Fiberboard:	3,500 + minutes	D-3654

*Based on limited production. As sufficient production data is gathered, a revised data sheet will be issued.

Features

- Clear with red printed diagonal lines and message, "Check Seal Before Accepting."
- Diagonal lines and printed message makes it easier to notice when a package has been opened and resealed.
- Adheres instantly to a variety of surfaces.
- Conformable backing with edge tear and split resistance.
- Good adhesion to fiberboard.
- Complies with the environmental considerations of ASTM D 1974-92.
- Reliable closures.

Scotch® Security Message Box Sealing Tape

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Available Sizes	Standard Widths:	48 mm and 72 mm
	Core Size (ID):	3 in.
	Lengths:	100 m and 914 m

Application Techniques	An extensive line of application equipment including hand-held manual dispensers and semi-automatic and fully automatic equipment is available. Application of Scotch® Security Message Box Sealing Tape 3779 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 3779 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.
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Storage Conditions	Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.
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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/packaging . Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.
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ISO 9002

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

3M

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