



Technical Data Sheet

3M™ Scotch® Security Message Box Sealing Tape 3779



[Product Details](#)

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.

Product 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.
- Reliable closures.

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

Attribute Name	Test Method	Value
Color		Clear with red printed message
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Biaxially oriented polypropylene film
Backing Thickness	ASTM D3652	0.03 mm (1.2 mil)
Total Tape Thickness	ASTM D3652	0.048 mm (1.9 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Dwell Time	Temperature	Test Condition	Substrate	Value
180° Peel Adhesion	ASTM D3330	72 h	22 °C (72 °F)		Stainless Steel	43.8 N/100mm (40.0 oz/in) ¹
Elongation at Break	ASTM D3759					160 %
Tensile Strength	ASTM D3759			Machine Direction		385 N/100mm (22 lb/in)
Tensile Strength	ASTM D3759			Cross Direction		771 N/100mm (44 lb/in)
Holding Power	ASTM D3654				Fiberboard	3,500+ min

¹ 12 in/min (300 mm/min)

Attribute Name	Value
Note	Based on limited production. As sufficient production data is gathered, a revised data sheet will be issued.

Handling/Application Information

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.

Storage and Shelf Life

Store under normal conditions of 4° to 27°C (40° to 80°F) and 40 to 50% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Core Size (ID)	76.2 mm (3 in)
Standard Roll Length	100, 914 m (109, 1000 yd)
Standard Width	48, 72 mm (1.9, 2.8 in)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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