



## Technical Data Sheet

3M™ Scotch® Security Message Box Sealing  
Tape 3779



[Product Details](#)



[Regulatory Info/SDS](#)

### 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) <sup>1</sup>
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

<sup>1</sup> 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 in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. To obtain 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)

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## **ISO Statement**

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

3M  
Closure and Masking Systems Division  
3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 877-369-2923 (Fax)  
[www.3M.com](http://www.3M.com)

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