



3M™ Scotch® Security Message Box Sealing Tape 3779

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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

Property	Values	Additional Information
Backing		
	Biaxially oriented polypropylene film	
Adhesive Type		
	Pressure sensitive hot melt rubber-resin	
Color		
	Clear with red printed message	
Backing Thickness		
	0.03 mm	
View		View
Total Tape Thickness		
	1.9 mil (0.048 mm)	
View		View

Total Tape Thickness

0.048 mm

View 

Backing Thickness

1.2 mil

View 

Holding Power

3,500+ min

View 

Typical Performance Characteristics

Property
Values
Additional Information

180° Peel Adhesion

40 oz/in

View 

180° Peel Adhesion

43.8 N/100mm

View 

Tensile Strength

385 N/100mm (22 lb/in)

View 

Tensile Strength

22 lb/in

View 

Tensile Strength

771 N/100mm (44 lb/in)

View 

Tensile Strength

44 lb/in

View 

Elongation at Break

160 %

View 

Note

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

Available Sizes

Property
Values
Additional Information

Standard Roll Length

100, 914 m (109, 1000 yd)

Standard Roll Length

109, 1000 yd

Standard Width

48, 72 mm (1.9, 2.8 in)

Standard Width

1.9, 2.8 in

Core Size (ID)

76.2 mm (3 in)

Core Size (ID)

3 in

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.

Trademarks

Scotch is a registered trademark of 3M.

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.

References

Property

Values

3m.com Product Page

https://www.3m.com/3M/en_US/company-us/all-3m-products/~//Scotch-Security-Message-Box-Sealing-Tape-3779/?N=5002385+3293242022&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=3779

ISO Statement

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

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