



Technical Data Sheet

3M™ Scotch® Security Message Box Sealing Tape 3199



[Product Details](#)

Product Description

Scotch® Security Message Box Sealing Tape 3199 is a performance packaging tape used specifically where the 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 acrylic adhesive system. This time-proven construction assures a reliable performance in a range of environments and applications.

Product Features

- Clear with red printed 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 to a variety of surfaces.
- Conformable backing with edge tear and split resistance.
- Good aging in sunlight or fluorescent lighting.
- Reliable closures.
- Long life in use.
- Excellent cold temperature performance.

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 acrylic resin
Backing		Biaxially oriented polypropylene film
Backing Thickness	ASTM D3652	0.028 mm (1.1 mil)
Total Tape Thickness	ASTM D3652	0.052 mm (2.05 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Dwell Time	Temperature	Test Condition	Substrate	Value
180° Peel Adhesion	ASTM D3330	72 h	23 °C (73 °F)		Stainless Steel	24.1 N/100mm (22.0 oz/in) ¹
Elongation at Break	ASTM D3759					125 %
Tensile Strength	ASTM D3759			Machine Direction		438 N/100mm (25 lb/in)
Tensile Strength	ASTM D3759			Cross Direction		701 N/100mm (40 lb/in)

¹ 304 mm/min (12 in/min)

Handling/Application Information

Application Techniques

An extensive line of application equipment is available. Scotch® Security Message Box Sealing Tape 3199 has been applied to fiberboard boxes with good results at refrigeration temperatures of 32° to 50°F (0° to 10°C). Once applied Scotch® Tape 3199 performs well on fiberboard boxes subjected to temperatures below 32°F (0°C).

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 mm (1.9 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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