



Technical Data Sheet

3M™ Scotch® Security Message Box Sealing Tape 3199



[Product Details](#)



[Regulatory Info/SDS](#)

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 | 22 °C (72 °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 12 in/min (300 mm/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 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 mm (1.9 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.

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