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3M™ Scotch® Security Message Box Sealing Tape 3199

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.



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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 | | Method |
|----------------------|---------------------------------------|----------|------------|
| Color | Clear with red printed message | | |
| Total Tape Thickness | 0.052 mm | 2.05 mil | ASTM D3652 |
| Backing Thickness | 0.028 mm | 1.1 mil | ASTM D3652 |
| Backing | Biaxially oriented polypropylene film | | |
| Adhesive | Pressure sensitive acrylic resin | | |

Typical Performance Characteristics

| Property | Values | | Method | Substrate |
|---------------------|--------------|----------|------------|-----------------|
| Peel Adhesion | 24.1 N/100mm | 22 oz/in | ASTM D3330 | Stainless Steel |
| Elongation at Break | 125 % | | ASTM D3759 | |

| Tensile Strength | | Test Condition |
|------------------|----------|-------------------|
| 438 N/100mm | 25 lb/in | Machine Direction |
| 701 N/100mm | 40 lb/in | Cross Direction |

Property: Tensile Strength
Method: ASTM D3759

Available Sizes

| Property | Values | |
|-----------------|------------|--------------|
| Standard Length | 100, 914 m | 109, 1000 yd |
| Standard Width | 48 mm | 1.9 in |
| Core Size (ID) | 76.2 mm | 3 in |

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).

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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.

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-3199?N=5002385+3293241262&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=3199 |

ISO Statement

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

Information

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