SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
산업용 소재 · 건축자재
제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

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TECHNICAL DOCUMENTS

인증서 · 데이터시트 · 기술자료

제품의 규격과 성능, 인증 및 적용 조건을 확인하기 위한 자료입니다.

ABOUT SNAPSHOOT

제품 공급을 넘어, 현장에 맞는 해결책으로

스냅슛은 산업현장의 작업 환경과 요구 조건을 바탕으로
적합한 제품과 시스템을 제안합니다. 현장 실사를 통해 설치 조건을 확인하고,
공급부터 시공·설치 및 사용 교육까지 필요한 과정을 함께합니다.

추락방지 시스템

안전대부착설비 · 수평·수직 라이프라인
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산업안전 보호구

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

산업용 소재·건축자재

산업용 테이프 · 접착제 · 기능성 소재
구조용 스크류 · 목조건축 자재

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English-US

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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

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