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

스냅슛 (SNAPSHOOT)

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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
레일 시스템 · 리지드 포스트

밀폐공간 진입·구조 솔루션

데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

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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홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.



English-US

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Supersedes: June, 2024

Technical Data Sheet

3M™ Adhesive Transfer Tape 9447

Product Details

Regulatory Info/SDS

Product Description

3M™ Adhesive Transfer Tape 9447 is specifically designed for use with 3M™ Label Component Systems for protected graphics printing of polyester films. Also can be used in constructing custom tamper-indicating labels.

Product Features

• 3M™ Adhesive 320 is used for general purpose applications and offers excellent flagging resistance and adhesion to a variety of substrates.
• The liner provides an ideal surface for rotary die-cutting.
• Adhesive has a temperature range of -40°F (-40°C) to 150°F (65°C) for days or weeks and to 250°F (121°C) for minutes or hours.

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
Adhesive Type		#320 “Hi-Tenacity” Acrylic
Total Tape Thickness	ASTM D3652	0.025 mm (1 mil)
Liner		55# Densified Kraft
Liner Thickness		0.08 mm (3.2 mil)

Typical Performance Characteristics

90° Peel Adhesion

Temperature: 23 °C (73 °F)
Backing: 2 mil PET
Test Method: ASTM D3330

Dwell Time	Substrate	Value
20 min	Stainless Steel	3.1 N/cm (28 oz/in) [1]
72 h	Polycarbonate (PC)	3.8 N/cm (35 oz/in) [1]
72 h	Polypropylene (PP)	1 N/cm (9 oz/in) [1]
72 h	Stainless Steel	3.7 N/cm (34 oz/in) [1]

[1] 304 mm/min (12 in/min)

Attribute Name	Value
Short Term Temperature Resistance	121 °C (250 °F) [1]
Long Term Temperature Resistance	66 °C (150 °F) [2]

[1] Short Term (minutes, hour)
[2] Long Term (day, weeks)

Typical Environmental Performance

90° Peel Adhesion

Substrate: Aluminum

Dwell Time	Temperature	Environmental Condition	Value
1 h	23 °C (73 °F)	Freon TF	3.1 N/cm (28 oz/in) [1]
1 h	23 °C (73 °F)	MEK	2.6 N/cm (24 oz/in) [1]
1 h	23 °C (73 °F)	Gasoline	2.2 N/cm (20 oz/in) [1]
4 h	23 °C (73 °F)	Weak Base (pH 10)	2.7 N/cm (25 oz/in) [1]
4 h	23 °C (73 °F)	Weak Acid (pH 4)	3.3 N/cm (30 oz/in) [1]
72 h	49 °C (120 °F)	Oil 10W30	4 N/cm (37 oz/in) [1]
100 h	23 °C (73 °F)	Water	3.9 N/cm (36 oz/in) [1]
7 d	32 °C (90 °F)	90%RH	6.1 N/cm (56 oz/in) [1]
72 h		Temperature Cycling: 4 Hours at 70 °C (158 °F). 4 Hours at -29 °C (-20 °F). 16 Hours at 23 °C (73 °F). Repeat three times	4.4 N/cm (40 oz/in) [1]

[1] The properties defined are based on the attachment of impervious faceplate materials (such as polyester) to an aluminum test surface. 12 inches/minute (305 mm/min).

Processing

For processing instructions, refer to the “Label Component System Process Guide.”

Handling/Application Information

Application Examples

• Used to make tamper-indicating labels with Label Component System films and solutions. These labels may be used as seals for over-the-counter drugs, banking envelopes, non-transferable automobile inspection labels and a variety of other
applications.
• A component in the construction of labels with protected, or sub-surface printed graphics, used in harsh environments such as automotive under hood or outdoor environments.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 24 months from date of manufacture.

Recognition/Certification

MSDS:3M has not prepared an MSDS for these products which are not subjected to the MSDS requirements of the Occupational Safety and Health Administration’s Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, these products should not present a health and safety hazard. However, use or processing of the products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards.
TSCA: These products are defined as articles under the Toxic Substances Control Act and therefore, are exempt from inventory listing requirements.

Automotive Disclaimer

Select Automotive Applications:
This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

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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