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.



Science. Applied to Life.™

Technical Data Sheet

3M™ VHB™ Adhesive Transfer Tape F9460PC

V-6 | English-US
Last Revision Date: April, 2025
Supersedes: April, 2025

Additional Info

Regulatory Info/SDS

Product Description

3M™ VHB™ Adhesive Transfer Tape F9460PC utilizes the 3M™ High Performance Acrylic Adhesive 100MP, which has long term holding power with much higher adhesion strength than typical pressure sensitive adhesives.

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		Acrylic
Total Tape Thickness	ASTM D3652	0.06 mm (2.3 mil)
Density		1.012 g/cm³
Liner		58# Polycoated Kraft Paper - PCK
Liner Print		3M VHB
Liner Thickness		0.106 mm (4.2 mil)

Typical Performance Characteristics

Backing: 2 mil Aluminum Foil
Test Method: ASTM D3330

Attribute Name	Dwell Time	Temperature	Substrate	Value
180° Peel Adhesion	20 min	23 °C (73 °F)	Stainless Steel	8.20 N/cm (74.70 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	Stainless Steel	9.50 N/cm (86.70 oz/in) [1]
180° Peel Adhesion	72 h	70 °C (158 °F)	Stainless Steel	12.80 N/cm (116.30 oz/in) [1]
90° Peel Adhesion	20 min	23 °C (73 °F)	Stainless Steel	8.50 N/cm (77.30 oz/in) [1]
90° Peel Adhesion	72 h	23 °C (73 °F)	Stainless Steel	9.80 N/cm (89.40 oz/in) [1]
90° Peel Adhesion	72 h	70 °C (158 °F)	Stainless Steel	14.40 N/cm (130.60 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	ABS	7.20 N/cm (65.60 oz/in) [1]
180° Peel Adhesion	72 h	70 °C (158 °F)	ABS	5.80 N/cm (53.00 oz/in) [1]
90° Peel Adhesion	72 h	23 °C (73 °F)	ABS	6.50 N/cm (59.30 oz/in) [1]
90° Peel Adhesion	72 h	70 °C (158 °F)	ABS	5.10 N/cm (46.80 oz/in) [1]

[1] 300 mm/min (12 in/min)

Substrate: Stainless Steel
Test Method: ASTM D3654

Attribute Name	Dwell Time	Temperature	Test Condition	Backing	Value
Static Shear	72 h	23 °C (73 °F)	1000 g	2 mil Aluminum Foil	10,000 min [1]
Static Shear	72 h	70 °C (158 °F)	500 g	2 mil Aluminum Foil	10,000 min [1]
Short Term Temperature Resistance			200 g		232 °C (450+ °F) [2]
Long Term Temperature Resistance			500 g		204 °C (400 °F) [3]

[1] 25 x 25 mm (1 in x 1 in) sample area, test terminated after 10,000 minutes
[2] Maximum temperature where tape supports indicated load per 6.5cm² (1 in²) in static shear for 60 minutes.
[3] Maximum temperature where tape supports indicated load per 6.5cm² (1 in²) in static shear for 10,000 minutes.

Typical Environmental Performance

Temperature: 32 °C (90 °F)
Dwell Time: 72 h
Backing: 2 mil Aluminum Foil
Test Method: ASTM D3330
Environmental Condition: 90 %RH

Attribute Name	Substrate	Value
180° Peel Adhesion	Stainless Steel	10.10 N/cm (91.80 oz/in) [1]
90° Peel Adhesion	Stainless Steel	10.20 N/cm (92.90 oz/in) [1]
180° Peel Adhesion	ABS	6.90 N/cm (62.40 oz/in) [1]
90° Peel Adhesion	ABS	6.30 N/cm (57.60 oz/in) [1]

[1] 300 mm/min (12 in/min)

Electrical and Thermal Properties

Attribute Name	Test Method	Value
Glass Transition Temperature (Tg)	ASTM E1356	-38 °C [1]

[1] Glass Transition Temperature (Tg) determined using DSC Analyzer with a heating rate of 4 °C per minute. First heat values given.

Storage and Shelf Life

Recommended storage in the original packaging at room temperature conditions of 60° to 80°F (16° - 22°C) and 50% relative humidity. Keep out of direct sunlight. Unconverted product has a shelf life of 24 months from date of manufacture.

Recognition/Certification

TSCA: This product is defined as an article under the Toxic Substances Control Act and therefore, it is exempt from inventory listing requirements

MSDS: 3M has not prepared a MSDS for this product which is 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, this product should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the directions for use may affect its performance and present potential health and safety hazards.

UL: These products have been recognized by Underwriters Laboratories, Inc. under Ul 746C and UL 969. For more

information on the UL Certification, please visit the website at http://www.3M.com/converter, select UL Recognized Materials, then select the specific product area.

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Select Automotive Applications:
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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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