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.

Technical Data Sheet

3M™ Double Coated Tape 9731

Product Details

Regulatory Info/SDS

Product Description

3M™ Double Coated Tape 9731 has a silicone pressure sensitive adhesive coated on one side of a polyester film carrier and a high performance acrylic adhesive coated on the other side of the carrier. Wind direction is silicone adhesive side on the outside of the roll.

Product Features

• Silicone adhesive bonds to Silicone Rubber and silicone products.
• 3M™ Adhesive 350 provides adhesion to a wide variety of substrates.
• A thin polyester carrier provides dimensional stability and improved handling with ease of die cutting and lamination compared to adhesive transfer tapes.

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	Test Condition	Value
Adhesive Thickness		Silicone Side	0.07 mm (2.9 mil)
Adhesive Type		Silicone Side	Silicone
Adhesive Carrier			Clear PET (Polyester)
Carrier Thickness			0.02 mm (1.0 mil)
Adhesive Type		Acrylic Side	350 Acrylic Adhesive
Adhesive Thickness		Acrylic Side	0.04 mm (1.6 mil)
Total Tape Thickness	ASTM D3652		0.14 mm (5.5 mil)
Density			1.06 g/cm³

Attribute Name	Test Condition	Value
Liner	Silicone Side	Clear PET
Liner Thickness	Silicone Side	3 mil
Liner Print		None
Liner	Acrylic Side	Brown PCK
Liner Thickness	Acrylic Side	4.2 mil (58#)

Typical Performance Characteristics

90° Peel Adhesion

Backing: 2 mil Aluminum Foil
Test Method: ASTM D3330

Dwell Time	Temperature	Test Condition	Substrate	Value
20 min	23 °C (73 °F)	Silicone Side	Stainless Steel	4.9 N/cm (45 oz/in) [1]
72 h	23 °C (73 °F)	Silicone Side	Stainless Steel	5.4 N/cm (49 oz/in) [1]
72 h	70 °C (158 °F)	Silicone Side	Stainless Steel	4.3 N/cm (39 oz/in) [1]
72 h	23 °C (73 °F)	Silicone Side	ABS	3.7 N/cm (34 oz/in) [1]

Dwell Time	Temperature	Test Condition	Substrate	Value
72 h	23 °C (73 °F)	Silicone Side	Polypropylene (PP)	5.3 N/cm (48 oz/in) [1]
72 h	23 °C (73 °F)	Silicone Side	Glass	5.3 N/cm (48 oz/in) [1]
20 min	23 °C (73 °F)	Acrylic Side	Stainless Steel	6.5 N/cm (59 oz/in) [1]
72 h	23 °C (73 °F)	Acrylic Side	Stainless Steel	7.0 N/cm (64 oz/in) [1]
72 h	70 °C (158 °F)	Acrylic Side	Stainless Steel	10.8 N/cm (99 oz/in) [1]
72 h	23 °C (73 °F)	Acrylic Side	ABS	3.3 N/cm (30 oz/in) [1]
72 h	23 °C (73 °F)	Acrylic Side	Polypropylene (PP)	5.8 N/cm (53 oz/in) [1]
72 h	23 °C (73 °F)	Acrylic Side	Glass	7.9 N/cm (72 oz/in) [1]

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

180° Peel Adhesion

Backing: 2 mil Aluminum Foil
Test Method: ASTM D3330

Dwell Time	Temperature	Test Condition	Substrate	Value
20 min	23 °C (73 °F)	Silicone Side	Stainless Steel	4.6 N/cm (42 oz/in) [1]
72 h	23 °C (73 °F)	Silicone Side	Stainless Steel	4.8 N/cm (44 oz/in) [1]
72 h	70 °C (158 °F)	Silicone Side	Stainless Steel	5.9 N/cm (54 oz/in) [1]
72 h	23 °C (73 °F)	Silicone Side	ABS	3.4 N/cm (31 oz/in) [1]
72 h	23 °C (73 °F)	Silicone Side	Polypropylene (PP)	5.4 N/cm (49 oz/in) [1]
72 h	23 °C (73 °F)	Silicone Side	Glass	5.1 N/cm (47 oz/in) [1]
72 h	23 °C (73 °F)	Silicone Side	Silicone Rubber	6.1 N/cm (55 oz/in) [1]
20 min	23 °C (73 °F)	Acrylic Side	Stainless Steel	6.5 N/cm (59 oz/in) [1]
72 h	23 °C (73 °F)	Acrylic Side	Stainless Steel	8.6 N/cm (78 oz/in) [1]
72 h	70 °C (158 °F)	Acrylic Side	Stainless Steel	13.2 N/cm (120 oz/in) [1]
72 h	23 °C (73 °F)	Acrylic Side	ABS	4.2 N/cm (38 oz/in) [1]
72 h	23 °C (73 °F)	Acrylic Side	Polypropylene (PP)	7.3 N/cm (67 oz/in) [1]
72 h	23 °C (73 °F)	Acrylic Side	Glass	9.7 N/cm (88 oz/in) [1]

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

Static Shear

Substrate: Stainless Steel
Dwell Time: 72 h
Test Method: ASTM D3654

Temperature	Test Condition	Value
23 °C (73 °F)	1000 g, Silicone Side	10,000 min [1]
70 °C (158 °F)	500 g Silicone Side	946 min [1]
23 °C (73 °F)	1000 g, Acrylic Side	10,000 min [1]
70 °C (158 °F)	500 g Acrylic Side	10,000 min [1]

[1] 25 x 25 mm (1 in x 1 in) sample area, test terminated after 10,000 minutes

Typical Environmental Performance

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

Attribute Name	Test Condition	Value
180° Peel Adhesion	Silicone Side	5.5 N/cm (50 oz/in) [1]
90° Peel Adhesion	Silicone Side	5.4 N/cm (49 oz/in) [1]
180° Peel Adhesion	Acrylic Side	10.5 N/cm (96 oz/in) [1]
90° Peel Adhesion	Acrylic Side	8.2 N/cm (75 oz/in) [1]

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

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 18 months from date of manufacture.

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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