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 93005LE

Product Details

Product Description

Finite Element Analysis (FEA)data is available for this product at: **3m.com/FEA**

3M™ 93005LE is a 50µm Double Coated Polyester Tape featuring 3M™ Type 300LSE Acrylic Adhesive. Performance features include superior adhesion to Polypropylene, great resistance to consumer chemicals and excellent holding power. 3M type 300LSE acrylic adhesive has a long history of successfully bonding a wide variety of similar and dissimilar materials such as metals, most plastics, glass, papers, and painted surfaces.

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 Type			300LSE Acrylic
Adhesive Carrier			Transparent Polyester Film
Adhesive Thickness		Faceside	0.019 mm (0.75 mil) [1]
Carrier Thickness			0.012 mm (0.5 mil)
Adhesive Thickness		Backside	0.019 mm (0.75 mil) [2]
Total Tape Thickness	ASTM D3652		0.05 mm (1.97 mil)
Total Thickness with liner			0.314 mm (12.4 mil)
Liner Print			300LSE
Primary Liner Type			Polycoated Kraft [3]
Secondary Liner Type			Polycoated Kraft [3]
Primary Liner Thickness			0.107 mm (4.2 mil)
Secondary Liner Thickness			0.157 mm (6.2 mil)

[1] Faceside adhesive is on the interior of the roll, exposed when unwound and liner removed.
[2] Backside adhesive is on the exterior of the roll, exposed when liner is removed.
[3] Inner liner is primary (stays with die-cut part); Outer liner is secondary (removed first)

Typical Performance Characteristics

180° Peel Adhesion

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

Dwell Time	Test Condition	Substrate	Value
20 min	Faceside	Stainless Steel	6.18 N/cm (56.5 oz/in) [1]
20 min	Backside	Stainless Steel	7.7 N/cm (70.4 oz/in) [1]
72 h	Backside	ABS	6.19 N/cm (56.6 oz/in) [1]
72 h	Backside	High Density Polyethylene (HDPE)	3.76 N/cm (34.4 oz/in) [1]
72 h	Backside	Polypropylene (PP)	7.74 N/cm (70.7 oz/in) [1]
72 h	Faceside	Stainless Steel	7.9 N/cm (72.2 oz/in) [1]

Dwell Time	Test Condition	Substrate	Value
72 h	Backside	Stainless Steel	8.24 N/cm (75.3 oz/in) [1]

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

Substrate: Stainless Steel
Temperature: 23 °C (73 °F)
Backing: 2 mil PET

Attribute Name	Test Method	Value
Overlap Shear Strength	ASTM D1002, ISO 4587	1.084 N/mm² (157.2 lb/in²) [1]

[1] 10mm/min

Attribute Name	Value
Short Term Temperature Resistance	149 °C (300 °F) [1]
Long Term Temperature Resistance	93 °C (200 °F) [2]

[1] Short Term (minutes, hour)

[2] Long Term (day, weeks)

Substrate: Stainless Steel

Attribute Name	Test Method	Test Condition	Value
Impact Shear Strength	ASTM D950	Pendulum Impact	1.545 J/in²
Tensile Strength	ASTM D897	10 mm/min	1.099 N/mm² (159.4 lb/in²)

Industry Specifications

FDA Statement

This product might be suitable for use in indirect food contact applications. Please see the applicable Regulatory Data Sheet for more information relating to FDA compliance.

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.

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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For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com.

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