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
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 →

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English

Last Revision Date: May, 2022



Technical Data Sheet

3M™ Venture Tape™ Double Coated High Tack Film Tape 3693FLE

Product Details

Regulatory Info/SDS

Product Description

3M™ Venture Tape™ Double Coated High Tack Film Tape 3693FLE is a thin, nylon film coated on both sides with an aggressive, cold weather acrylic pressure sensitive adhesive (PSA). A high performance tape designed as a self adhesive closure system on the longitudinal lap of jacketed pipe insulation (SSL – self seal lap) as well as a temporary closure system for PVC jacketing. 3M™ Venture Tape™ Double Coated High Tack Film Tape 3693FLE also has excellent adhesion to many plastics, treated paper, metals and composite materials subjected to a variety of demanding conditions.

Product Features

- Thin nylon film
- Excellent peel and tack
- Humidity and temperature resistance
- Excellent performance over a broad range of temperatures

Technical Information Note

Peel adhesions are based on 180 degree peel at room temperature to stainless steel, 20 minute dwell at room temperature

Typical Physical Properties

Attribute Name	Test Method	Test Condition	Value
Color			Clear
Adhesive Type			Cold weather acrylic
Adhesive Carrier			Nylon film
Adhesive Thickness	PSTC-133	Faceside	0.04 mm (1.5 mil)
Adhesive Thickness	PSTC-133	Backside	0.05 mm (1.85 mil)
Total Tape Thickness			0.1 mm (4 mil)
Liner			White, 50# paper
Available Formats			Available in FLE (finger lift edge) options

Typical Performance Characteristics

Attribute Name	Test Method	Dwell Time	Value
Peel Adhesion (Backside)	PSTC-101	20 min	16.7 N/25.4mm (60 oz/in)
Peel Adhesion (Faceside)	PSTC-101	20 min	11.1 N/25.4mm (40 oz/in)
Shear Adhesion	PSTC-107		>24 h @ 15.2 kPa
Shear Adhesion	PSTC-107		>24 h [1]
Elongation	PSTC-131		110 %
Tensile Strength	PSTC-131		90.4 N/25.4mm (20 lb/in)

[1] @2.2 psi

Attribute Name	Value
Long Term Temperature Resistance	121 °C (250 °F) [1]
Minimum Long Term Temperature Resistance	-40 °C (-40 °F) [1]

[1] Long Term (day, weeks)

Special Considerations

The extended liner provides a dry edge on both edges of the tape for easy liner removal. Stated product widths include the dry edge of the liner.
- Liner side adhesive: The width of the adhesive on the liner side is narrower than the liner by the amount of the dry edge/s.
- Exposed side adhesive: The adhesive on the exposed side is the full width of the product and liner. This helps to establish increased differential in adhesion of the exposed side vs the liner side to further aid in easy removal of the liner.

Storage and Shelf Life

It is suggested that products are stored at room temperature conditions of 70°F (21°C) and 50% relative humidity. If stored properly, product retains its performance and properties for 18 months from date of manufacture. Note: The shelf life may be shortened if the original packaging is not properly sealed or stored in an environment with high temperatures or humidity.

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.

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ISO Statement

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