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

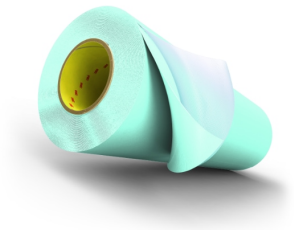
산업용 소재·건축자재

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.



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English-US

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Supersedes: June, 2024

Technical Data Sheet

3M™ Cushion-Mount™ Plus Plate Mounting Tapes with Easy Mount Adhesive L1820

Product Details

Product Description

3M™ Cushion-Mount™ Plus Plate Mounting Tapes with Easy Mount Adhesive are designed for mounting flexographic print plates to cylinders or sleeves. This family of foam mounting tapes provides excellent print quality for process, combination, and solid printing. This product is designed to provide easy and clean removal of printing plates across a wide range on printing applications with excellent resistance to plate lifting.

Product Features

• Offers a complete range of foam densities providing excellent print quality from process to combination to solid printing.
• Consistent caliper control allows the printer to use multiple foam densities on a print job to optimize print quality.
• Use the 3M proprietary Easy Mount liner, creating micro-channels in both adhesive surfaces. The crosshatched pattern creates a continuous and permanent network of micro-channels in the adhesive, allowing air to escape from between the tape and cylinder/sleeve and between the tape and plate.
• The adhesive on the lined side (plate side) of the tape is designed for mounting of photopolymer plates, excellent holding power on-press and clean plate removal when demounting.
• The adhesive on the non-lined side (cylinder side) of the tape is designed for mounting to flexographic printing cylinders or sleeves, providing easy application at mounting and clean removability when demounting.

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		Differential Acrylate
Density	ASTM D3574	512 kg/m³ (32 lb/ft³) [1]
Shore A Hardness	ASTM D2240	72
Adhesive Carrier		Firm Blue Foam
Application Thickness		0.508 mm (20 mil)
Film Thickness		0.114 mm (4.5 mil)
Total Tape Thickness	ASTM D3652	0.559 mm (22 mil)
Lot to Lot Tolerance		± 0.038 mm (± 1.5 mil)
Typical Application Area Caliper Variation		± 0.01 mm (± 0.4 mil)
Compression Deflection: 10% Compression		241 kPa (35 lb/in²)
Compression Deflection: 25% Compression		414 kPa (60 lb/in²)
Type of Printing		Combination of solid and line with minimal tone reproduction
Thickness: Nominal		x

[1] Foam with adhesive

Typical Performance Characteristics

90° Peel Adhesion

Temperature: 23 °C (73 °F)
Test Condition: Non-Lined Side
Test Method: ASTM D3330

Substrate	Value
Composite Sleeve	7.1 N/cm (65 oz/in) [1]
Photopolymer	1.6 N/cm (15 oz/in) [2]
Polyester (PET)	7.5 N/cm (68 oz/in) [1]
Stainless Steel	6 N/cm (55 oz/in) [1]
Urethane - A	7.7 N/cm (70 oz/in) [1]
Urethane - B	6.6 N/cm (60 oz/in) [1]

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

[2] Lined

Attribute Name	Value
Temperature Resistance	49 °C (120 °F)

Typical Environmental Performance

Attribute Name	Value
Solvent Resistance	Water - Excellent Alkanes - Excellent Alcohols - Good Acetates - Fair

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.

Available Sizes

Attribute Name	Value
Maximum Available Width	1371.6 mm (54 in)
Minimum Available Width	50.8 mm (2 in)
Normal Slitting Tolerance	± 0.794 mm (± 1/32 in)
Standard Roll Length	22.9 m (25 yd)

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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