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.

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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 E1915S

Regulatory Info/SDS

## 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.

## 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 linered 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-linered 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 | 416 kg/m³ (26 lb/ft³) [1] |
| Shore A Hardness | ASTM D2240 | 60 |
| Adhesive Carrier | | Light Medium Pink 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 | | 70 kPa (10 lb/in²) |
| Compression Deflection: 25% Compression | | 138 kPa (20 lb/in²) |
| Type of Printing | | Combination of solid and line with tone reproduction where process printing is important |
| 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 | 3.1 N/cm (28 oz/in) [1] |
| Photopolymer | 2.8 N/cm (25 oz/in) [2] |
| Polyester (PET) | 3.9 N/cm (35 oz/in) [1] |
| Stainless Steel | 3.3 N/cm (30 oz/in) [1] |
| Urethane - A | 5 N/cm (45 oz/in) [1] |
| Urethane - B | 3.9 N/cm (35 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<br>Alkanes - Excellent<br>Alcohols - Good<br>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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