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:** August, 2024

# Technical Data Sheet

3M™ Two-Sided Metalized Polyester Tape 8437

Product Details

## Product Description

3M™ Metalized Polyester Tape 8437 is comprised of relatively thin polyester backing with a metalized coating on both sides of the film providing a mirror-like finish with low emissivity and a versatile, long lasting acrylic adhesive. 3M tape 8437 is supplied on a silicone coated release liner for easy handling. The liner also allows for large area applications and die-cutting custom shapes. The liner also provides for additional stiffness and application ease when applying 3M tape 8437 in narrow gaps.

## Product Features

- Metalized surface gives some of the advantages of metal tape without the associated weight.
- Tough, thin backing resists tearing.
- Acrylic adhesive has excellent aging properties for a long lasting bond.
- Mirror-like finish gives high visibility where it is needed.
- Liner is convenient for die-cuts, applications to large surface areas, or applications where there is a narrow gap.
- Some degree of conductivity.
- Low emissivity.
- Tape maintains bright appearance up to 3 months.

## 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 |
|---|---|---|
| Color | | Silver |
| Adhesive Type | | Transparent Acrylic |
| Backing | | Aluminized Polyester |
| Backing Thickness | ASTM D3652 | 0.02 mm (0.9 mil) |
| Total Tape Thickness | ASTM D3652 | 0.05 mm (2.1 mil) |
| Liner Thickness | | 0.11 mm (4.3 mil) |

## Typical Performance Characteristics

| Attribute Name | Test Method | Temperature | Value |
|---|---|---|---|
| 180° Peel Adhesion | ASTM D3330 | 23 °C (73 °F) | 4.4 N/cm (40 oz/in) [1] |
| Elongation at Break | ASTM D3759 | | 70 % |
| Tensile Strength | ASTM D3759 | | 35 N/cm (20 lb/in) |
| Long Term Temperature Resistance | | | 150 °C (300 °F) [2] |
| Minimum Long Term Temperature Resistance | | | -50 °C (-60 °F) [2] |

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

[2] Long Term (day, weeks)

## Handling/Application Information

### Application Examples

- Splice detection.
- For many applications where reflectivity and low emissivity are desired.
- Can be used for certain applications requiring a conductive surface.
- Decorating and identifying.

## 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.

## Available Sizes

| Attribute Name | Value |
|---|---|
| Standard Roll Length | 66 m (72 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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