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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구조용 스크류 · 목조건축 자재

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홈페이지 바로가기 →
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English-US

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**Supersedes:** September, 2024

# Technical Data Sheet

3M™ Aluminum Foil Tape 437

## Product Description

3M™ Aluminum Foil Tape features a dead soft aluminum foil backing combined with an acrylic pressure sensitive adhesive on a poly-coated Kraft paper liner.

## Product Features

- Utilizes a high tack acrylic adhesive to meet automotive OEM requirements
- High initial tack for quick and easy application on assembly lines
- Durable aluminum foil backing offers ideal properties for long serviceable life in and outdoors

## 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 | | Acrylic |
| Backing | | Aluminum Foil |
| Backing Thickness | ASTM D3652 | 0.07 mm (3 mil) |
| Total Tape Thickness | ASTM D3652 | 0.2 mm (8 mil) |
| Liner | | Poly-coated Kraft Paper |
| Liner Thickness | | 0.11 mm (4.2 mil) |

## Typical Performance Characteristics

| Attribute Name | Test Method | Temperature | Value |
|---|---|---|---|
| 180° Peel Adhesion | ASTM D3330 | 23 °C (73 °F) | 88 N/100mm (80 oz/in) [1] |
| Elongation at Break | ASTM D3759 | | 8 % |
| Tensile Strength | ASTM D3759 | | 52.5 N/cm (30 lb/in) |
| Long Term Temperature Resistance | | | 100 °C (212 °F) [2] |
| Minimum Long Term Temperature Resistance | | | -40 °C (-40 °F) [2] |

[1] 300 mm/min (12 in/min)

[2] Long Term (day, weeks)

## Handling/Application Information

### Application Examples

- Heat shielding
- Moisture barrier
- Thermal conducting

## 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.

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