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**

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레일 시스템 · 리지드 포스트

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데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

**산업안전 보호구**

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

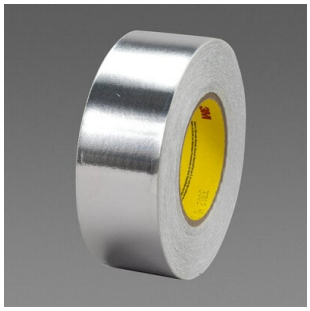
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English-US

**Last Revision Date:** September, 2024

**Supersedes:** June, 2024

# Technical Data Sheet

## 3M™ Electrically Conductive Aluminum Tape 3302

Product Details

## Product Description

3M™ Electrically Conductive Aluminum Tape 3302 is a 2.0 mil (51 µm) high strength dead soft aluminum foil coated with a conductive pressure sensitive acrylic adhesive. Good adhesion, malleability and adhesive conductivity allow for extremely low resistance and make this an excellent shielding tape.

## Product Features

- UL 510 Recognized (File E230409)
- Malleable copper foil contours well to irregular surfaces
- Good wetting out capabilities to most surfaces
- Hand tearable allowing for easy installation

## 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 | 0.05 mm (2 mil) |
| Total Tape Thickness | ASTM D3652 | 0.09 mm (3.5 mil) |
| Liner Thickness | | 0.11 mm (4.4 mil) |

## Typical Performance Characteristics

| Attribute Name | Test Method | Temperature | Value |
|---|---|---|---|
| 180° Peel Adhesion | ASTM D3330 | 23 °C (73 °F) | 2.4 N/cm (21 oz/in) [1] |
| Elongation at Break | ASTM D3759 | | 3 % |
| Tensile Strength | ASTM D3759 | | 33.3 N/cm (19 lb/in) |

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

| 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)

## Handling/Application Information

### Application Examples

- Ideal for EMI and RFI shielding applications
- Used in printed circuit manufacturing and repair

## Industry Specifications

UL 510 Recognized (File E230409)

## 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 12 months from date of manufacture.

## Available Sizes

| Attribute Name | Value |
|---|---|
| Standard Roll Length | 33, 55 m  (36, 60 yd) |

## 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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