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

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.



English-US

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Technical Data Sheet

3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363

Product Details

Regulatory Info/SDS

Product Description

3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363 can be used as a high temperature, heat reflective, protective wrap for certain cables and other components in aerospace and industrial applications. Also comes in an easy-release film liner (3M™ High Temperature Aluminum Foil/Glass Cloth Tape 363L).

Product Features

- Can easily be die-cut into special sizes or shapes.
- Light, flexible construction – easily applied to a variety of irregular shapes.
- Performs continuously from -65°F (-54°C) to 600°F (316°C).
- Meets the requirements of FAR 25.853(a).
- Meets the surface flammability and smoke density requirements for all categories and material functions as specified by NFPA 130 - Per ASTM E162 and ASTM E662.
- Exhibits low, average, and peak rates of heat release - per ASTM E1354.
- Generates low levels of toxic gas in both flaming and non-flaming modes - per BSS-7239.
- Best results obtained when applied to a clean dry surface above 32°F (0°C), but can be applied at lower temperatures.

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		Silicone (transparent)
Approximate Weight		0.0057 g/m/24 mm (0.0114 lb/yd/in)
Backing		Aluminum foil laminated to glass cloth
Backing Thickness	ASTM D3652	0.06 mm (2.4 mil) [1]
Backing Thickness	ASTM D3652	0.025 mm (1 mil) [2]
Total Tape Thickness	ASTM D3652	0.19 mm (7.3 mil)

[1] Glass Cloth

[2] Foil

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	5.7 N/cm (52 oz/in) [1]
Elongation at Break	ASTM D3759		7 %
Tensile Strength	ASTM D3759		236.4 N/cm (135 lb/in)
Long Term Temperature Resistance			316 °C (600 °F) [2]
Minimum Long Term Temperature Resistance			-54 °C (-65 °F) [2]

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

[2] Long Term (day, weeks)

Handling/Application Information

Application Examples

• A heat reflective wrap, over insulation cables, instruments, or other high temperature sensitive materials.

Industry Specifications

FAR 25.853(a)
NFPA 130 test report for details (ASTM E1354)
NFPA 130 test report for details (ASTM E162)
NFPA 130 test report for details (ASTM E662)
NFPA 130 test report for details (BSS 7239)

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 36 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	33 m (36 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.

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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