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

**Last Revision Date:** September, 2017

# Technical Data Sheet

## 3M™ Venture Tape™ UL181B Aluminum Foil Tape 1580-P

Product Details

## Product Description

3M™ Venture Tape™ UL181B Aluminum Foil Tape 1580-P is a UL printed aluminum foil tape coated with a heavy coating of mastic adhesive.

## Product Features

• Provides an instant water resistant bond on most surfaces including sheet metal, duct board, flex duct, and duct wrap vapor barriers
• Provides superior performance and durability over a wide range of environmental conditions
• Excels in high humidity conditions
• 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 | | Natural Aluminum |
| Adhesive Type | | Mastic |
| Backing | | Red UL Printed Aluminum Foil |
| Backing Thickness | ASTM D3652 | 0.05 mm (1.95 mil) |
| Total Tape Thickness | ASTM D3652 | 0.36 mm (14 mil) |
| Liner | | Release Liner |

## Typical Performance Characteristics

| Attribute Name | Test Method | Temperature | Value |
|---|---|---|---|
| 180° Peel Adhesion | ASTM D3330 | 22 °C (72 °F) | 8.9 N/cm (81 oz/in) [1] |
| Elongation at Break | ASTM D3759 | | 9 % |
| Tensile Strength | ASTM D3759 | | 38.5 N/cm (22 lb/in) |

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

| Attribute Name | Value |
|---|---|
| Long Term Temperature Resistance | 93 °C (200 °F) [1] |
| Minimum Long Term Temperature Resistance | -40 °C (-40 °F) [1] |

[1] Long Term (day, weeks)

## Handling/Application Information

### Application Examples

• Applications requiring water resistant bonding
• Facing on fibrous, flex dect and sheet metal ductwork
• Duct wrap vapor barriers

## Certifications/Standards

### Certifications

UL 181B-FX [UL file MH16587]

## Storage and Shelf Life

Store under normal conditions of 4° to 27°C (40° to 80°F) and 40 to 50% 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 | 30.4 m (100 ft) |

## Information

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## ISO Statement

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