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
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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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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.



Technical Data Sheet

3M™ Vinyl Tape 471+

English-US

Last Revision Date: September, 2024

Supersedes: August, 2024

Product Details

Product Description

3M™ Vinyl Tape 471+ is a conformable vinyl tape with a versatile rubber adhesive. The moderately translucent backing allows for accurate alignment in simple or complex patterns.

Product Features

- Produces a sharp, clean paint line for color separation.
- Narrow width availability and conformability allow 3M tape 471+ to define intricate patterns.
- Resists lifting from depressed areas or on irregular surfaces
- Withstands a bake cycle of 250°F (121°C) for 30 minutes and removes cleanly.
- Rubber adhesives adheres well to many surfaces.
- Vinyl backing is abrasion resistant.
- Moderately translucent backing allows proper alignment.
- Strong backing allows one piece removal.

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		Indigo
Adhesive Type		Rubber
Backing		Vinyl
Total Tape Thickness	ASTM D3652	0.13 mm (5.3 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	3.8 N/cm (35 oz/in) [1]
Elongation at Break	ASTM D3759		191 %
Tensile Strength	ASTM D3759		24.5 N/cm (14 lb/in)
Long Term Temperature Resistance			121 °C (250 °F) [2]

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

[2] Long Term (day, weeks)

Handling/Application Information

Application Examples

• Use for paint masking where a clean, sharp paint line is needed and temperature does not exceed 250°F (121°C). Applications could include truck, bus, aerospace, and heavy equipment painting as well as automotive collision repair.
• Backing conformability, moderate translucence and good adhesion are useful where complex patterns are being outlined such as RV manufacture and custom motorcycle and automotive shops.
• Use to protect adjacent surfaces in sanding operations.
• Use for abrasion resistance, sealing, color coding, and general purpose applications.

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	32.9 m (36 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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