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

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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 →
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본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.



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English-US

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Technical Data Sheet

3M™ Vinyl Tape 477

Regulatory Info/SDS

Product Description

3M™ Vinyl Tape 477 is comprised of a conformable, transparent vinyl backing with a versatile rubber adhesive. It is an excellent tape to use where abrasion resistance, transparency, conformability and moderate adhesion are needed.

Product Features

• Best results are attained when applied to a clean, dry surface at temperatures between 60° to 80°F (16° to 27°C).
• Conformability and dead stretch properties make it ideal for taping or sealing many curved and irregular surfaces.
• A thick backing makes it ideal for many applications which require abrasion protection.
• While tape resists most common solvents, care should be taken to avoid ketones, chlorinated hydrocarbons and esters that are found in lacquer thinners, degreasers, paint strippers, etc. which may cause the backing to swell or curl.
• Avoid using on highly plasticized materials which may result in adhesive softening and potential adhesion failure.
• Transparent backing allows protection with visibility of the protected area.
• Transparency allows the tape to be used on colored surfaces without being obvious eliminating the need for color matching tapes.

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		Transparent
Adhesive Type		Rubber
Backing		Transparent Vinyl
Backing Thickness	ASTM D3652	0.15 mm (6 mil)
Total Tape Thickness	ASTM D3652	0.18 mm (7.2 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	2.6 N/cm (24 oz/in) [1]
Elongation at Break	ASTM D3759		230 %
Tensile Strength	ASTM D3759		42 N/cm (24 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

- Protection of parts from abrasion.
- Masking for electroplating and anodizing.
- Splicing of wrestling mats and similar type products.
- Protecting the printing of indoor signage from dirt and abrasion, prolonging its life and readability.
- Protecting delicate surfaces from wear.

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	33 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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