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.

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

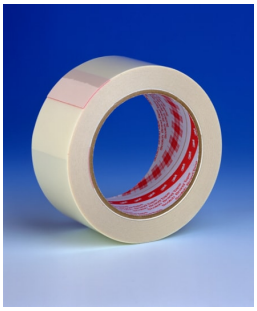
산업용 소재·건축자재

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.



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English-US

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Supersedes: September, 2024

Technical Data Sheet

3M™ Traction Tape 5461

Product Description

3M™ Anti-Slip/Anti-Stick Tape 5461 has the unique properties of being a premium release surface while also having a high coefficient of friction.

Product Features

• When used to cover rollers in web processing, the release surface allows the web to release easily from the roll while still providing a friction surface which allows for the traction needed to drive and guide the web.
• Flexible enough to wrap a 2 yd (50 mm) mandrel.
• Easy release of sticky coatings to prevent transfer of build-up of coatings to drive rollers.
• Positive traction for driving and guiding webs in processes.
• Can be used to smooth wrinkles.
• Thin product to minimize change in roll diameter and web speed.
• Easy release liner on adhesive side so can be cut to many irregular shapes.

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		White
Adhesive Type		Rubber
Backing		PET film withSilicone Rubber coating
Backing Thickness	ASTM D3652	0.19 mm (7.8 mil)
Total Tape Thickness	ASTM D3652	0.23 mm (9.1 mil)
Liner		Silicone Coated Paper

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	3.3 N/cm (30 oz/in) [1]
Elongation at Break	ASTM D3759		165 %
Tensile Strength	ASTM D3759		148.9 N/cm (85 lb/in)
Long Term Temperature Resistance			93 °C (200 °F) [2]

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

[2] Long Term (day, weeks)

Handling/Application Information

Application Examples

• Ideal for covering many process rollers which require low release (anti-stick) with elimination of coating build-up and low release noise while also providing a high coefficient of friction (anti-slip) surface.
• Provide better traction on drive rollers.
• Spiral wrap to create a spreader roll from an idler roll.
• Eliminate coating transfer and/or build-up on drive rolls and idler rolls.
• Noise reduction on idler rolls.

Application Techniques

• Best results are achieved when applied to clean, dry surfaces at temperatures near70°F (21°C).
• TheSilicone Rubber surface can be wiped clean with a dry wipe. Note: The use of cleaning solvents is not recommended as they may swell the rubber.
• When using this tape, certain combinations of materials and conditions may cause a static discharge. Analyze your system for proper grounding to minimize the possibility.

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	16 m (18 yd)
Standard Width	50.8 mm (2 in)

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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