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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Technical Data Sheet

3M™ Polyester Tape 8403

English-US

Last Revision Date: September, 2024

Supersedes: June, 2024

Product Details

Regulatory Info/SDS

Product Description

3M™ Polyester Tape 8403 is a film tape with a silicone adhesive for holding down bagging materials and parts during composite and metal bonding operations. Ideal for splicing applications on surfaces that are difficult to adhere too, such as silicone coated papers and films.

Product Features

• Works in demanding conditions and retains flexibility in autoclave conditions in temperatures ranging from -60°F (-50°C) to 350°F (176°C)
• Higher heat resistance as compared with acrylics
• Silicone adhesive provides clean removal from a variety of surfaces
• Translucent green backing is easily identifiable for splicing applications
• Chemical resistant adhesive and backing provides durability in difficult environments

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		Translucent green
Adhesive Type		Silicone
Backing		Polyester
Backing Thickness	ASTM D3652	0.04 mm (1.4 mil)
Total Tape Thickness	ASTM D3652	0.06 mm (2.4 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	2.7 N/cm (25 oz/in) [1]
Elongation at Break	ASTM D3759		140 %
Tensile Strength	ASTM D3759		71.8 N/cm (41 lb/in)

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

Attribute Name	Value
Temperature Use Range note	Removes cleanly and remains flexible after 3 hours, 350°F (177°C), in autoclave.
Long Term Temperature Resistance	177 °C (350 °F) [1]
Minimum Long Term Temperature Resistance	-60 °C (-50 °F) [1]

[1] Long Term (day, weeks)

Handling/Application Information

Application Examples

- Flash breaker in metal bonding processes where the excess epoxy (flash) flows on the tape.
- Holding of bagging materials and parts during metal or composite bonding operations.
- Masking metal surfaces in acid or caustic chemical milling, etching, or anodization baths.
- Protective tape reduces scratches during handling and shipping.
- Paint mask for areas subject to higher temperature bake cycles.
- Splicing applications on surfaces that are difficult to adhere too, such as silicone coated papers and films.
- Splicing of films subject to high temperatures or chemicals.

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 24 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	66 m (72 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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