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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English-US

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Technical Data Sheet

3M™ High Temperature Nylon Tape 8555

Product Details

Regulatory Info/SDS

Product Description

3M™ High Temperature Nylon Tape 8555 is a strong nylon backings and a high temperature rubber adhesive. Used to hold down materials during composite or metal bonding bagging operations or assist in removing flashing after composite bonding, where the use of a non-silicone tape is preferred.

Product Features

• High temperature performance is achieved without the use of silicone adhesive which eliminates silicone residue which often interferes with cleaning operations and anchorage of certain adhesives and paints.
• High temperature – clean removal to a variety of surfaces after exposure to 350°F (177°C) for several hours. In shorter cycles, the tape can be expected to provide satisfactory performance up to 400°F (204°C) bake cycles.
• Nylon backing for toughness, high elongation, quick removal, and ease of application.

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		Cream
Adhesive Type		Rubber
Backing		Nylon
Backing Thickness	ASTM D3652	0.13 mm (5 mil)
Total Tape Thickness	ASTM D3652	0.18 mm (7 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	4.3 N/cm (39 oz/in) [1]
Elongation at Break	ASTM D3759		375 %
Tensile Strength	ASTM D3759		166 N/cm (95 lb/in)

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

Attribute Name	Value
Temperature Use Range note	Withstands autoclave cycles up to 350°F (177°C)
Long Term Temperature Resistance	204 °C (400 °F) [1]
Minimum Long Term Temperature Resistance	16 °C (60 °F) [1]

[1] Long Term (day, weeks)

Handling/Application Information

Application Examples

• Holding down composite or metal bonding materials during autoclave processes.
• Used to remove flash after composite or metal bonding operations.
• Advanced composite and metal bond masking as non-silicone adhesive allows use on many parts and tooling equipment where subsequent painting or bonding operations will take place.
• High temperature paint masking up to 400°F (204°C) for short term bake cycles.

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	65.8 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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