SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
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제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

스냅슛 (SNAPSHOOT)

ADDRESS (15431) 경기도 안산시 단원구 풍전로 37-9 트리플렉스 301동 118호
TEL 0507-1374-9229
FAX 0504-481-6749
E-MAIL bkkim@snapshoot.co.kr

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 →

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English-US

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Technical Data Sheet

3M™ PET Durable Label Material 8417

Product Details

Regulatory Info/SDS

Product Description

3M™ PET Durable Label Material 8417 is a self-wound (linerless) transparent polyester film coated with 3M™ Adhesive 100 High-temperature Acrylic. It is often used as an overlaminate in conjunction with 3M™ PET Durable Label Material 8418.

Product Features

- Adheres instantly to a variety of surfaces.
- Tough film backing resists edge tear when processing and dispensing.
- Non-corrosive and chemical resistant.
- High and low temperature stability.
- 3M™ Polyester Film Tape 8417 provides transparency when used as an overlaminate.

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	Value
Adhesive Type	3M™ Adhesive 100 High-temperature Acrylic
Facestock	Polyester

Attribute Name	Test Method	Value
Total Tape Thickness	ASTM D3652	0.056 mm (2.2 mil)
Adhesive Thickness		0.03 mm (1.2 mil)
Facestock Thickness		0.025 mm (1 mil)

Typical Performance Characteristics

180° Peel Adhesion

Temperature: 23 °C (73 °F)
Dwell Time: 10 min
Test Method: ASTM D3330

Substrate	Value
ABS	3.8 N/cm (35 oz/in) [1]
Glass	4.9 N/cm (45 oz/in) [1]
Polypropylene (PP)	1.2 N/cm (11 oz/in) [1]
Stainless Steel	4.1 N/cm (38 oz/in) [1]

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

Attribute Name	Value
Elongation at Break	100 %
Tensile Strength	43.5 N/cm (400 oz/in)

Attribute Name	Value
Note	Calipers are nominal values

Typical Environmental Characteristics

Chemical and Environmental Exposure

4 hour immersions at room conditions,
2" x 2" samples on stainless steel substrate.

Chemical Edge Penetration Appearance
Isopropyl Alcohol 0 No Change
10W30 Oil 0 No Change
Acid (pH 4) 0 No Change
Base (pH 10) 0 No Change
Water 0 No Change

Temperature Resistance

24 hour exposure, 2" x 2" samples on stainless steel.

Condition Appearance At 90% R.H.
-40°F (-40°C) No Change
90°F (32°C) No Change No Change
120°F (48°C) No Change
158°F (70°C) No Change
200°F (93°C) No Change No Change

Processing

• Printing –
Compatible with many flexographic processes and inks. Customer should determine conformance to specific requirements.

• Dispensing –
Suitable for dispensing by manual or automatic dispensing systems or by hand. Typical Unwind: 3 oz/in (3 N/100 mm); shocky.

• Roll Sizes –
Available in a number of standard widths and lengths. Contact your 3M sales representative, customer service representative, or 3M price book for specific size availability.

Handling/Application Information

Application Examples

• Fluid-line identification.
• General identification applications where chemical and temperature resistance is desired.

Application Techniques

Substrates should be thoroughly cleaned and dried for best adhesion performance. Typical cleaning solvents are heptane or isopropyl alcohol. Consult manufacturer's Material Safety Data Sheet (MSDS) for proper handling and storage instructions.

Maximum initial bonds are formed by using increased rub down pressure. Use a rubber roller or a squeegee with maximum hand pressure for best results.

When using these tapes below 50°F (10°C), the adhesive will not flow as easily. Increased rub down may be required to achieve the desired bond strength.

Special care should be taken when using any overlaminating film to prevent entrapped air and wrinkles.

Industry Specifications

UL Recognized (Files MH11410)

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.

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

3M™ Industrial Adhesives and Tapes Division
3M Center, St. Paul, MN 55144-1000
3M.com/iatd

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