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

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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
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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™ Durable Label Material PET2

Product Description

3M™ Durable Label Material PET2 is a high performance material that offers thermal stability and moisture resistance. This polyester label utilizes a permanent acrylic adhesive, which provides high strength on a variety of surfaces including high surface energy (HSE) plastics and metals.

Product Features

- Topcoated for thermal transfer printing. Resin ribbons are recommended for optimum durability.
- The topcoat also provides improved ink anchorage for traditional forms of press printing.
- moisture and humidity resistance.

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	Permanent Acrylic Adhesive
Facestock	Gloss White PET
Adhesive Coat Weight	1.00 — 1.25 g/100 in²

Attribute Name	Value
Adhesive Thickness	0.02 mm (0.8 mil)
Facestock Thickness	0.05 mm (2 mil)
Liner	50# SC
Liner Thickness	0.078 mm (3.1 mil)

Typical Performance Characteristics

180° Peel Adhesion

Test Method: ASTM D3330

Dwell Time	Temperature	Substrate	Value
10 min	23 °C (73 °F)	High Density Polyethylene (HDPE)	2.6 N/cm (24 oz/in) [1]
10 min	23 °C (73 °F)	Polycarbonate (PC)	6.8 N/cm (62 oz/in) [1]
10 min	23 °C (73 °F)	Polypropylene (PP)	7.1 N/cm (65 oz/in) [1]
10 min	23 °C (73 °F)	Stainless Steel	5 N/cm (46 oz/in) [1]
72 h	23 °C (73 °F)	High Density Polyethylene (HDPE)	3.7 N/cm (34 oz/in) [1]
72 h	23 °C (73 °F)	Polycarbonate (PC)	6.6 N/cm (60 oz/in) [1]
72 h	23 °C (73 °F)	Polypropylene (PP)	6.7 N/cm (61 oz/in) [1]
72 h	23 °C (73 °F)	Stainless Steel	6.7 N/cm (62 oz/in) [1]

Dwell Time	Temperature	Substrate	Value
72 h	49 °C (120 °F)	High Density Polyethylene (HDPE)	3.7 N/cm (33 oz/in) [1]
72 h	49 °C (120 °F)	Polycarbonate (PC)	3.5 N/cm (32 oz/in) [1]
72 h	49 °C (120 °F)	Polypropylene (PP)	6.8 N/cm (62 oz/in) [1]
72 h	49 °C (120 °F)	Stainless Steel	6.7 N/cm (61 oz/in) [1]

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

Attribute Name	Value
Minimum Application Temperature	4 °C (40 °F)
Long Term Temperature Resistance	149 °C (300 °F) [1]
Minimum Long Term Temperature Resistance	-40 °C (-40 °F) [1]

[1] Long Term (day, weeks)

Attribute Name	Value
Note	Calipers are nominal values

Typical Environmental Performance

180° Peel Adhesion

Temperature: 32 °C (90 °F)
Dwell Time: 24 h
Test Method: ASTM D3330
Environmental Condition: 90%RH

Substrate	Value
High Density Polyethylene (HDPE)	3.8 N/cm (35 oz/in) [1]
Polycarbonate (PC)	5.9 N/cm (54 oz/in) [1]
Polypropylene (PP)	5.4 N/cm (49 oz/in) [1]
Stainless Steel	3.7 N/cm (34 oz/in) [1]

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

Printing

Topcoated for thermal transfer printing. Resin ribbons are recommended for optimum durability. The topcoat also provides improved ink anchorage for traditional forms of press printing.

Handling/Application Information

Application Examples

Durable goods, nameplates, product ID labels.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in a sealed plastic bag, 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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