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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홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

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Technical Data Sheet

3M™ Removable Vinyl Label Material 7600

Additional Info

Regulatory Info/SDS

Product Description

3M™ Removable Vinyl Label Material 7600 is a conformable white vinyl stock that utilizes 3M™ Acrylic Adhesive 500 which offers clean removability on most surfaces for up to one year, as well as plasticizer resistance.

Product Features

• Conformable to contoured surfaces
• Resists wrinkling and delamination
• One-piece removal up to one year after application
• Topcoated for improved ink anchorage
• The 3M™ Acrylic Adhesive 500 provides adhesion to a variety of surfaces including stainless steel, polycarbonate and polypropylene
• UL recognized (File MH11410)

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	500 Acrylic
Adhesive Coat Weight	1.40 — 1.83 g/in²
Facestock	Soft White Liner Vinyl TC

Attribute Name	Value
Adhesive Thickness	0.025 mm (1 mil)
Facestock Thickness	0.086 mm (3.5 mil)
Liner	43# Densified Kraft
Liner Thickness	0.062 mm (2.5 mil)

Attribute Name	Value
Convertability	3M™ High Stability Acrylic Adhesive 500 for outdoor applications which require clean removability. When converting labels for thermal transfer applications, care should be taken with regard to proper roll tensions, handling and storage conditions. Please refer to the die cutting/converting section of this data page or the “Guide to Converting and Handling Label Products” technical bulletin for additional information.

Typical Performance Characteristics

Temperature: 23 °C (73 °F)

Attribute Name	Test Method	Value
Liner Release	TLMI	1 — 9.8 g/cm (5 — 50 g/2 in) [1]

[1] 180° removal, 300 in/min

Attribute Name	Value
Minimum Application Temperature	10 °C (50 °F)
Long Term Temperature Resistance	79 °C (175 °F) [1]
Minimum Long Term Temperature Resistance	-40 °C (-40 °F) [1]

[1] Long Term (day, weeks)

180° Peel Adhesion

Temperature: 23 °C (73 °F)
Dwell Time: 72 h
Test Method: ASTM D3330

Substrate	Value
Polycarbonate (PC)	7.4 N/cm (68 oz/in) [1]
Polypropylene (PP)	2.8 N/cm (26 oz/in) [1]
Stainless Steel	5.6 N/cm (52 oz/in) [1]

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

Attribute Name	Value
Note	Calipers are nominal values

Typical Environmental Characteristics

Humidity Resistance

24 hours at 90°F (32°C) and 90% relative humidity: No significant change in appearance or adhesion

Temperature Resistance

300°F (149°C) for 24 hours: Melted
250°F (121°C) for 24 hours: Very slight yellowing
175°F (79°C) for 24 hours: No significant visual change
-40°F (-40°C) for 10 days: No significant visual change

Printing

Facestock is topcoated treated for improved ink receptivity. It is printable by all standard roll processing methods including flexography, hot stamp, letterpress, and screen printing. It is not designed for thermal transfer printing. As always, the customer should test to confirm acceptability for their application.

Converting

Rotary die cutting is recommended. Fanfolding of labels is not recommended. Small labels should be evaluated carefully. Winding tensions should be kept at a minimum to help prevent the adhesive from oozing.

Handling/Application Information

Application Examples

• Labeling of small or irregular shape containers
• Labels requiring long term bond and piece removal
• Barcode labels and rating plates
• Property identification and asset labeling
• Warning, instruction, and service labels for durable goods
• Nameplates for durable goods
• Excellent for die-cut masks needing outdoor performance and removability

Application Techniques

For maximum bond strength, the surface should be clean and dry. Typical cleaning solvents are heptane and isopropyl alcohol.*

• For best bonding conditions, application surface should be at room temperature or higher. Low temperature surfaces, below 50°F (10°C), can cause the adhesive to become so firm that it will not develop maximum contact with the substrate.
• Higher initial bonds can be achieved through increased rubdown pressure. Use maximum laminating pressure for best results.

* When using solvents, read and follow the manufacturer's precautions and directions for use.

Industry Specifications

UL Recognized (File 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 12 months from date of manufacture.

Available Sizes

Attribute Name	Value
Packaging	Finished labels should be stored in plastic bags.

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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