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

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 →

본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.



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English-US

Last Revision Date: September, 2024

Supersedes: June, 2024

Technical Data Sheet

3M™ Laser Toner Printable Label Material 7841

Product Details

Regulatory Info/SDS

Product Description

3M™ Label Material 7841 with 3M™ Adhesive 310 is designed for continuous laser printing offering print contrast when bar coding and toner anchorage. The Adhesive 310 resists oozing and is designed to function in a variety of printers using a broad range of label configurations. Label Material 7841 is also compatible with the Indigo™ Omnius™ One-Shot Color™ Press.

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	310 Acrylic
Facestock	matte white Teslin™
Conformability	Conforms to extremely small diameters such as wires when wrapped onto itself. Some conformability to compound curved surfaces.
Die-Cutting	Rotary or flatbed. Use sharp rotary dies tooled for specific label stock. Do not cut into liner too deeply – avoid stacking fan-folded labels higher than 3" - 4".
Adhesive Coat Weight	1.00 — 1.25 g/100 in²

Attribute Name	Value
Adhesive Thickness	0.02 mm (0.8 mil)
Facestock Thickness	0.178 mm (7 mil)
Liner	55# densified kraft
Liner Thickness	0.081 mm (3.2 mil)

Typical Performance Characteristics

180° Peel Adhesion

Temperature: 23 °C (73 °F)
Test Method: ASTM D3330

Dwell Time	Substrate	Value
10 min	Polycarbonate (PC)	3.9 N/cm (36 oz/in) [1]
10 min	Polypropylene (PP)	2.5 N/cm (23 oz/in) [1]
10 min	Stainless Steel	3.5 N/cm (32 oz/in) [1]
72 h	Polycarbonate (PC)	4.8 N/cm (43 oz/in) [1]
72 h	Polypropylene (PP)	3.3 N/cm (30 oz/in) [1]
72 h	Stainless Steel	4.6 N/cm (42 oz/in) [1]

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

Attribute Name	Value
Minimum Application Temperature	10 °C (50 °F)
Long Term Temperature Resistance	121 °C (250 °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

Attribute Name	Value
180° Liner Release	8 g/in [1]

[1] 90 in/min

Typical Environmental Characteristics

Chemical and Environmental Exposure

Liquid Dwell Time/Exposure Condition Results
Engine Oil (10W30) @ 250°F (121°C) 4 hours Discolors brown – 3mm edge penetration
Acid (pH 4) @ Room Temperature 4 hours No change
Base (pH 10) @ Room Temperature 4 hours No change
Isopropyl Alcohol @ Room Temperature 4 hours Label removed during exposure
Water @ Room Temperature 24 hours No visual change – 1mm edge penetration

Humidity Resistance

1 day at 90°F (32°C) and 90% relative humidity: no visual change – 1mm edge penetration

Temperature Resistance

300°F (149°C) for 1 day: no change
-40°F (-40°C) for 1 day no change
NOTE: Extended exposure to high temperature will result in discoloration.

Printing

Flexographic and continuous laser printing using QMS CF 2215™ or Diagraph Predator™.

Handling/Application Information

Application Examples

- Alphanumeric and bar coding
- Environments requiring higher performance than paper label stocks
- Inventory, bin and in-process item labeling
- Property identification
- Durable goods labeling
- Wire Marking

Application Techniques

Extreme heat and pressure used in the toner fusing section of some laser printers may cause curl in the printed label material.

Dispensing Equipment

Suitable for manual applications.

Agency Listing Information

UL Recognized, File MH16411 (www.ul.com under certifications)CSA: Accepted, File 099316 (http://directories.csa-international.org)

Industry Specifications

UL Recognized (File MH16411)

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.

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/converter.

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

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