SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

# 현장을 이해하고, 필요한 솔루션을 연결합니다.

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제품 제안부터 공급·시공·설치·교육까지




COMPANY INFORMATION

**스냅슛 (SNAPSHOOT)**

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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.

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V-5 | English-US

**Last Revision Date:** December, 2025

**Supersedes:** April, 2025

# Technical Data Sheet

## 3M™ Clear Polypropylene Durable Label Material FP102

Additional Info

## Product Description

3M™ Clear Polypropylene Durable Label Materials offer durability and moisture resistance. These label products utilize 3M™ Adhesive P1410, which is a general purpose permanent tackified acrylic that offers adhesion to a wide variety of substrates, including polyolefins.

## Product Features

• Liner for 3M™ Clear Polypropylene Durable Label Material FP102 is designed for high-speed die cutting and matrix stripping. Not recommended for sheet on press applications.

## 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 | P1410 Perm. 18 |
| Facestock | Clear Polypropylene TC |
| Adhesive Coat Weight | 1.75 g/100 in² ± 10% |

| Attribute Name | Value |
|---|---|
| Facestock Thickness | 0.051 mm (2 mil) |
| Liner | 50# SC semi-bleached super calendered kraft sheet |
| Liner Thickness | 0.079 mm (3.1 mil) |

## Construction Tested

Adhesion properties determined per TLMI Method using 1.0 mil polyester with 1.1 mil of adhesive on a polished stainless steel panel.

## Typical Performance Characteristics

Test Method: TLMI

| Attribute Name | Temperature | Substrate | Value |
|---|---|---|---|
| 180° Peel Adhesion | 23 °C (73 °F) | Stainless Steel | 5.28 N/cm (48 oz/in) [1] |
| Liner Release | 23 °C (73 °F) | | 3 — 9.8 g/cm (15 — 50 g/2 in) [2] |
| Shear Adhesion | | | 1 h [3] |
| Loop Tack | | | 3.16 N/cm (28.8 oz/in) [1] |

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

[2] 180° removal, 300 in/min

[3] 1.0 in² x 1000g

| Attribute Name | Value |
|---|---|
| Application Temperature | 5 — 49 °C (40 — 120 °F) |
| Long Term Temperature Resistance | 60 °C (140 °F) [1] |
| Minimum Long Term Temperature Resistance | -29 °C (-20 °F) [1] |

[1] Long Term (day, weeks)

| Attribute Name | Value |
|---|---|
| Note | Calipers are nominal values |

## Printing

Topcoated to accepted most film ink systems and some thermal transfer printing.

Water-based Flexo inks:
Water Ink Technologies, Inc. Versifilm
Akzo Nobel, Hydrofilm 4000

## Handling/Application Information

### Application Examples

Plastic containers, durable goods.

## 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.

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