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)

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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 →

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



English-US

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Supersedes: June, 2024

Technical Data Sheet

3M™ Machine Direction Elastic Film M344

Regulatory Info/SDS

Product Description

3M™ Machine Direction Elastic Films are a machine direction stretch elastic film for in-line lamination processes that create stretch features in adult incontinence pant products. It is designed to deliver stretch panels that create a smooth fit and soft hand. These features combine to help pant products look, fit, and feel more like underwear.

Product Features

- Robust to high-speed machine direction stretching
- Low necking (CD width loss)
- Width stability at all machine speeds including machine ramp up and ramp down
- Sonic-weldable to polypropylene non-wovens eliminate adhesive costs
- Enables use of lower basis weight non-wovens
- Versatile white and clear color options can be used with white and colored non-wovens
- Long yardage rolls improve machine efficiency
- High elasticity and optimized retraction properties provide improved comfort, fit and containment.

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
Color	White, Clear (Other colors upon request)
Coefficient of Friction	0.5
Available Formats	Planetary
Film Thickness	0.033 mm (1.3 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Test Condition	Value
Elongation		Machine Direction	Up — 350 % stretch in application
MD Elongation @ Break	TM 3477		650 %
MD Load @ Break	TM 3477		22 N/25.4mm
MD Force @ 2-cycle hysteresis to 100% (1st Upload)	TM 3479		4.3 N/25.4mm
MD Force @ 2-cycle hysteresis to 100% (2nd Upload)	TM 3479		4.3 N/25.4mm
MD Force @ 2-cycle hysteresis to 200% (2nd Unload)	TM 3479		0.3 N/25.4mm

Attribute Name	Test Method	Test Condition	Value
MD Force @ 2-cycle hysteresis to 400% (1st Upload)	TM 3479		9 N/25.4mm
MD Force @ 2-cycle hysteresis to 400% (2nd Upload)	TM 3479		9 N/25.4mm

Attribute Name	Value
Note	Please note this product requires customer activation in the Machine Direction.

Storage and Shelf Life

Store under normal conditions of 10° to 27°C (50° to 80°F) and 50 to 80% relative humidity in the original packaging, out of direct sunlight. Storage at temperatures above 27°C (80°F) or opened packaging may shorten shelf life. For best performance, use this product within 12 months from date of manufacture.

Ordering Information

For lead times and minimum order quantity, please contact your 3M Sales Representative.

Available Sizes

Attribute Name	Value
Core Size (ID)	152.4 mm (6 in)
Standard Roll Length	1500 — 4500 lineal m (1640 — 4920 lineal yd) [1]
Standard Roll Width	100 — 200 mm (3.94 — 7.87 in) [2]

[1] Dependent on width and weight restrictions

[2] In increments of 10 mm. Other widths available upon request.

Information

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Important Notice

Test methods are available through Personal Care Technical Service. Disclosure of additional physical properties can be made upon customer's request relating to specifics of customer's intended use. This 3M product is of a specialized nature and restricted by 3M for sale to specifically approved accounts. 3M may modify, limit, or cancel a product or

product type. This product is not intended for resale except as a component to the purchaser’s end product.

Customer Commitment

The 3M Personal Care Business is committed to providing customers with innovative, superior quality products and accompanying excellence in service and responsiveness that enable you to be successful in your business endeavors. In partnership with 3M customers, and using a long-standing industry leadership position, uncompromising integrity, local representation, and access to a wealth of 3M technologies, the highly motivated 3M global team will focus on solving your most challenging problems and provide innovated, value added, sustainable solutions that meet the unique needs of a variety of industries.

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