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 →

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: June, 2024

Supersedes: December, 2023

Technical Data Sheet

3M™ Void Polyester Durable Label Material 7380

Product Details

Regulatory Info/SDS

Product Description

3M™ Void Polyester Durable Label Materials are tamper-indicating stocks designed to provide a “void” message in the facestock when removal is attempted. This void polyester label utilizes 3M™ Adhesive 300 which offers adhesion to a variety of surfaces including low surface energy plastics.

Product Features

• UL Recognized files MH11410 and MH16411
• Designed to provide a “void” message in the facestock when removal is attempted.
• The compact format of the “void” message permits manufacture of small labels (1/2" x 1-1/4").
• 3M™ Adhesive 300, which bonds to a variety of substrates including high and low surface energy plastics.
• Durable polyester facestock withstands harsh environments.
• 55# densified kraft liner assures consistent die cutting.
• Dot-matrix impact printable with select ribbons.

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	300
Facestock	Matte White Void Polyester
Adhesive Coat Weight	1.21 — 1.49 g/100 in²

Attribute Name	Value
Adhesive Thickness	0.025 mm (1 mil)
Facestock Thickness	0.058 mm (2.3 mil)
Liner	55# densified kraft
Liner Thickness	0.08 mm (3.2 mil)

Typical Performance Characteristics

Attribute Name	Value
Application Temperature	10 — 49 °C (50 — 120 °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

Printing

Caution should be exercised to avoid covering the surface of the label with opaque graphics to the extent that the "void" message is hidden, and the effectiveness of the
label or seal is lessened. Use recommended dot-matrix impact ribbons: CGL-79 from Mid-City Columbia, Ranger 288 from Herbert DeHinton

Converting

Die-Cutting:
The compact "void" message permits manufacture of labels as small as 1/2 in. x 11/4 in. (13 mm x 32 mm).

It is recommended that the user test for the presence of the "void" message on every roll of label seals as they process them, to insure the product quality and consistency. Which can be done by laminating a label seal to an untreated polyester film test surface. The label seal should be wiped down with a squeegee, allowed to dwell 10 minutes, and then removed to observe the presence and functions of the "void" message on both the facestock and the substrate. It is also recommended that the user test each lot of label seals on the actual application surface to assure the function of the "void" message.

Handling/Application Information

Application Examples

• Non-transferable labels for use on business forms.
• Tamper-indicating labels and seals for over-the-counter drugs and other packaging applications.

Application Techniques

The tamper-indicating mechanism (i.e. the "void" message both on the facestock and on the substrate) depends upon adequate adhesion of the label to the substrate. A sufficient bond may not develop on all surfaces due to low surface energy (e.g. PTFE), contaminated or textured surfaces. Therefore, it is important to determine the suitability of the product in the intended application by carefully pretesting. The primary function of the products is to effect a non-transferable (non-reusable) label seal by causing the "void" message to appear on the facestock when removal from the substrate is attempted. As a result of the primary function, a "void" message is also transferred to the substrate and can be removed by hand rubbing or by solvent wiping.

Our tamper-indicating product line is designed to indicate tampering by destructing when an attempt is made to remove the label. Since no tamper-indicating feature is 100% tamper proof, careful consideration must be taken when designing label seals. When the consequences of tampering could be severe, such as injury or loss of human life or significant monetary loss, these products are not recommended as the sole means of package or product tamper indication. In these instances, additional methods in combination with the labels should be considered so that the tamper-indicating features are commensurate with the requirements of the application.

Dispensing Equipment

As care should be taken not to disturb the tamper-indicating feature by pre-destructing the "void" message when manually removing the label from the liner, slowly remove the liner from the label at a 90° angle. It is recommended that the user test samples for each roll of label seals by laminating a representative label seal to the specific application surface to assure its function meets expectations. This test can be run after 10 minutes dwell

Industry Specifications

UL Recognized, File PGGU2.MH11410, Marking & Labeling System Materials - Component, ANSI/UL 969
UL Recognized, File PGJI2.MH16411, Printing Materials - Component, ANSI/UL 969

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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