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

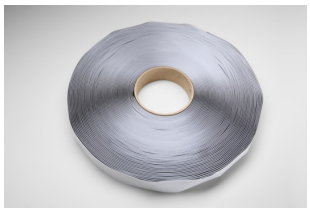
산업용 소재·건축자재

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.



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English-US

Last Revision Date: April, 2025

Supersedes: September, 2024

Technical Data Sheet

3M™ Weatherban™ Ribbon Sealant PF 5423

Product Description

3M™ Weatherban™ Ribbon Sealant PF 5423 is a supported synthetic rubber sealant in ribbon form. It offers a watertight, gasket-like seal in applications such as bedding glass, around window and door frames, etc. It can also act as a metal seam sealer in overlap seams, building panels, rain gutters, and can be used in conjunction with mechanical fasteners. It offers outstanding resistance to weathering, and develops good adhesion to glass, metal, and most other surfaces.

Product Features

- Protective liner and sealant are different widths for easy release.
- Maintain tack at temperatures as low as 40°F (5°C) permitting application in unheated area.
- Stays in position on vertical or overhead surfaces.
- Easy hand layup – no special equipment needed.
- Repositionable during application. Builds aggressive adhesion with time.
- Solvent-free.
- No shrinkage.
- Vibration and sound dampening qualities.
- Helps prevent bimetallic (galvanic cell action) corrosion, when placed between metal surfaces.
- May be positioned side by side to achieve varying widths.

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 Uncured Physical Properties

Attribute Name	Value
Base	Oil Soluble Elastomer

Typical Physical Properties

Attribute Name	Value
Color	Black
Thickness	1.59 mm (62.5 mil)
Solids Content by Weight	100 %
Form	Tacky Pre-formed Ribbon Sealant
Specific Gravity	1.52
*Note	Weatherban PF 5423 is not resistant to oil, gasoline, or solvents and should not be used in applications where exposure is possible.

Attribute Name	Temperature	Value
Flow Characteristics - Thickness	23 °C (73 °F)	0.38 mm (15 mil) [1]
Flow Characteristics - Thickness	49 °C (120 °F)	0.64 mm (25 mil) [1]
Flow Characteristics - Area	23 °C (73 °F)	0.79 mm (31 mil) [1]
Flow Characteristics - Area	49 °C (120 °F)	1.57 mm (62 mil) [1]

[1] 25 x 25 x 3.2 mm (1 x 1 x 1/8 in) specimen under 4.5 kg (10 lb) compression for 24 hours.

Typical Cured Characteristics

Attribute Name	Test Method	Value
Shore A Hardness	ASTM C661	30

Typical Performance Characteristics

Attribute Name	Value
Elongation	200 % [1]
Tensile Strength	227 kPa (33 lb/in²) [1]
Low Temperature Flexibility	3M™ Weatherban™ Ribbon Sealant PF 5423 placed on a 0.040" bare aluminum panel and bent over a 1/2" diameter mandrel at -40°F (-40°C) exhibited excellent flexibility with no loss of adhesion.

[1] 5 in per min

Typical Environmental Characteristics

Water Resistance

After a 1/16" ribbon is sandwiched between two galvanized panels and immersed in water for 7 days at 75°F (24°C), the sealer remains unaffected and the panels show no sign of corrosion.

Handling/Application Information

Directions for Use

All surfaces to which 3M™ Weatherban™ Ribbon Sealant PF 5423 is applied should be free from dust, dirt, grease or other contamination. Temperature of the sealant and surfaces to be bonded should be 40°F (4°C) or above.
Weatherban PF 5423 is supplied in roll form on a liner. Lay or press the sealant in place, remove and discard the liner.
Weatherban PF 5423 has sufficient tack to adhere to most surfaces at temperatures as low as 40°F (4°C).
Cleanup can be accomplished with a solvent such as 3M™ Scotch-Grip™ Solvent No. 2 or 3M™ Citrus Base Industrial Cleaner.*
*Note: When using solvents, extinguish all ignition sources and follow the manufacturer's precautions and directions for use.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) in the original, unopened packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Available Width	19, 22.2, 25.4 mm (3/4, 3/8, 7/8, 1 in)
Note	Subject to Minimum Order Requirements

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577

Automotive Disclaimer

Select Automotive Applications:
This product is an industrial product and has not been designed or tested for use in certain automotive applications, such as automotive electric powertrain battery or high voltage applications, which may require the product to be manufactured in a IATF certified facility, meet a Ppk of 1.33 for all properties, undergo an automotive production part approval process (PPAP), or fully adhere to automotive design or quality system requirements (e.g., IATF 16949 or VDA 6.3). Customer assumes all responsibility and risk if customer chooses to use this product in these applications.

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/adhesives.

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

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