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.



English-US

Last Revision Date: September, 2024

Supersedes: June, 2024

Technical Data Sheet

3M™ ScotchPad™ Filament Tape Pads 819

Product Description

3M™ ScotchPad™ Filament Tape Pad 819 is a pre-cut pad formed with layered high performance filament tape sheets featuring biaxially oriented polypropylene backing with continuous glass yarns that reinforce each sheet in both longitudinal and transverse directions. The adhesive on each sheet is specifically formulated to provide good adhesion to a wide variety of surfaces including metal, plastic, and fiberboard. Each piece of tape is coupled with a tab for easy handling and dispensing without the need for a dispenser. These sheets can be used for attaching, hinging, fastening, and sealing in many industrial, manufacturing and packaging applications.

Product Features

- Pre-cut individual sheets layered 25 to a back sheet.
- Abrasion and water resistant.
- Excellent shear adhesion.
- High initial adhesive tack.
- Easy removal of a single sheet.
- Portable and lightweight.
- Dust free adhesive surface.
- Exact replication.
- Tab can be removed or left on applied tape.
- High strength hold in most hinging operations.
- Holds tight to most cartons and containers.
- Holds securely for temporary or permanent application.
- Removes quickly and easily if tab is left on.
- Attaches loose parts during manufacturing.
- Easy to carry sheets in pad form.
- Quick efficient usage.
- Eliminates need for dispenser.
- Labor saving.

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	Test Method	Value
Backing Color		Clear
Adhesive Type		Pressure sensitive synthetic rubber resin
Backing		3M™ Scotchpro™ polypropylene film
Fiber Reinforcement		Bi-directional glass yarn
Total Tape Thickness	ASTM D3652	0.14 mm (5.7 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	23 °C (73 °F)	11 N/cm (100 oz/in) [1]
Elongation at Break	ASTM D3759		6 %
Tensile Strength	ASTM D3759		260 N/cm (150 lb/in)

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

Handling/Application Information

Application Techniques

3M™ ScotchPad™ Filament Tape Pad 819 should be removed one at a time by grasping the end with a tab and pulling the sheet free from the pad. Place the far end of the sheet in the desired location and allow the sheet to adhere from that end back to the tabbed end. Flip out the tab (if desired) and press the whole sheet flat. The pad can be stuck in a convenient place if the back sheet of the pad is peeled away and the pad is placed on a vertical surface or on a table as only one hand is needed to dispense tape sheets for use.

Application of ScotchPad 819 sheets is easiest at room temperature because at colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, ScotchPad 819 performs well throughout the normal temperature range typically encountered by packaged products in shipping and storage environments.

Storage and Shelf Life

Store under normal conditions of 4° to 27°C (40° to 80°F) and 40 to 50% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 24 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Size	2 in x 6 in, 2 in x 8 in (200 pads per case)

Information

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ISO Statement

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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/packaging.

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