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

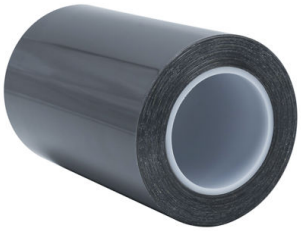
산업용 소재·건축자재

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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Technical Data Sheet

3M™ VHB™ Tape 47720

V-2 | English-US
Last Revision Date: May, 2026
Supersedes: September, 2025

Additional Info

Product Description

3M™ VHB™ Tape 47720 is a 0.20mm (0.008 inch) thick grey double-sided acrylic foam tape with PET liners and is used for bonding to a variety of high and medium surface energy materials in the electronics industry. This specially formulated product provides impact resistance and high bond strength while also providing high shear and tensile strength.

Product Features

- High modulus
- Good impact resistance
- High shear and tensile strength
- High bonding strength
- Excellent tensile creep performance
- Waterproof
- Dark Grey color

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
Total Tape Thickness	ASTM D3652	0.20 mm (0.008 in)
Color		Dark Grey
Primary Liner Thickness		0.05 mm (0.002 in)
Primary Liner Color		Clear
Secondary Liner Thickness		0.075 mm (0.003 in)
Secondary Liner Color		Clear
Shear Modulus		0.85 MPa [1]

[1] DMA testing at 25 °C, 1Hz

Typical Performance Characteristics

180° Peel Adhesion

Temperature: 23 °C (73 °F)
Dwell Time: 72 h
Backing: 2 mil PET
Test Method: ASTM D3330

Substrate	Value
Stainless Steel	1.15 N/mm (6.5 lb/in) [1]
Polycarbonate (PC)	1.88 N/mm (10.7 lb/in) [1]
ABS	1.29 N/mm (7.3 lb/in) [1]
Glass	1.01 N/mm (5.7 lb/in) [1]

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

Dwell Time: 24 h

Attribute Name	Test Method	Temperature	Substrate	Backing	Value
Static Shear	ASTM D3654	23 °C (73 °F)	Stainless Steel	2 mil Aluminum Foil	1000 g [1]
Static Shear	ASTM D3654	70 °C (158 °F)	Stainless Steel	2 mil Aluminum Foil	500 g [1]
Overlap Shear Strength	ASTM D1002	23 °C (73 °F)	Stainless Steel		0.95 MPa (130 lb/in²) [2]
Normal Tensile	ASTM D897	23 °C (73 °F)	Aluminum		1.00 MPa (145 lb/in²) [2]

[1] 25 x 25 mm (1 in x 1 in) sample area, test terminated after 10,000 minutes

[2] 6.45 cm² (1 in²), Jaw Speed 10.0 mm/min (0.39 in/min)

Handling/Application Information

Application Techniques

For maximum bond strength the surfaces should be thoroughly cleaned with a 50:50 mixture of isopropyl alcohol and water. Consult manufacturer's directions for use and precautions when using cleaning solvents. Ideal tape application is accomplished when temperature is between 21° and 38°C (between 70° and 100°F) and the bond is allowed to dwell 72 hours. Initial tape application to surfaces at temperatures below 10°C (50°F) is not recommended.

Storage and Shelf Life

This product has a shelf life of 24 months from date of manufacture when stored at 4°C to 38°C (40°F to 100°F) and 0-95% relative humidity. The optimum storage conditions are 22°C (72°F) and 50% relative humidity.

Available Sizes

Attribute Name	Value
Standard Width	600 mm (23.6 in)
Standard Roll Length	100 m (109 yd)

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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