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)

ADDRESS (15431) 경기도 안산시 단원구 풍전로 37-9 트리플렉스 301동 118호
TEL 0507-1374-9229
FAX 0504-481-6749
E-MAIL bkkim@snapshoot.co.kr

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.



Technical Data Sheet

3M™ Venture Tape™ Double Coated Foam Tape VG-516B

Product Description

3M™ Venture Tape™ Double Coated Foam Tape VG-516B is a 1/16” thick black closed cell, crosslinked polyethylene foam coated on both sides with a general purpose rubber based adhesive with a white kraft liner.

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
Foam Color	Black
Adhesive Carrier	Closed Cell, Crosslinked Polyethylene Foam
Foam Density	48 kg/m³ (3 lb/ft³)
Adhesive Type	Rubber

Attribute Name	Test Method	Test Condition	Value
Total Tape Thickness	ASTM D3652		1.679 mm (66.10 mil)
Adhesive Thickness	PSTC-133	Backside	0.046 mm (1.8 mil)
Adhesive Thickness	PSTC-133	Faceside	0.046 mm (1.8 mil)
Carrier Thickness	PSTC-133		1.588 mm (62.5 mil)
Liner			White Kraft

Typical Performance Characteristics

Temperature: 23 °C (73 °F)
Dwell Time: 72 h

Attribute Name	Test Method	Substrate	Value
90° Peel Adhesion	ASTM D3330	Stainless Steel	22.3 N/25mm (5.1 lb/in) [1]
Normal Tensile	ASTM D897	Aluminum	403 kPa (58.5 lb/in²) [2]
Overlap Shear Strength	ASTM D1002, ISO 4587	Stainless Steel	315 kPa (45.7 lb/in²) [3]

[1] 300 mm/min (12 in/min)
[2] 6.45 cm² (1 in²), Jaw Speed 51 mm/min (2 in/min)
[3] 6.45 cm² (1 in²), Jaw Speed 12.7 mm/min (0.5 in/min)

Static Shear

Substrate: Stainless Steel
Temperature: 23 °C (73 °F)
Test Condition: 1000 g
Dwell Time: 72 h
Backing: 4 mil PET

Attribute Name	Test Method	Value
Static Shear	ASTM D3654	1,000 g [1]

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

Handling/Application Information

Application Examples

- Signs, Nameplates and Plaques
- Point of Purchase and other Displays
- Plastic Hooks, Racks and Dispensers
- Wire and Cable Clips

Application Techniques

- Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressurehelps develop better adhesive contact and improve bond strength.
- To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Typical surface cleaningsolvents are isopropyl alcohol and water (rubbing alcohol) or water. Note: Be sure to follow the manufacturer'sprecautions and directions for use when using cleaning solvents.
- Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces attemperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily.

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