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.



English-US

Last Revision Date: February, 2025

Technical Data Sheet

3M™ Screen Printable Adhesive SP7533

Regulatory Info/SDS

Product Description

3M™ Screen-Printable Adhesive SP7533 is a water-dispersed, pressure sensitive adhesive which has been formulated to be screen printable. This product exhibits a combination of peel, shear and environmental aging properties.

Product Features

- Screen printable
- Water-dispersed
- Compatible with metal and plastic substrates
- Broad range of applications

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
Color	White
Solids Content by Weight	64.9 %
Carrier Solvent	Water
Viscosity	27,050 cP
pH	6.9

Typical Performance Characteristics

Temperature: 23 °C (73 °F)
Dwell Time: 72 h
Backing: 4 mil PET
Test Method: ASTM D3330

Attribute Name	Substrate	Value
180° Peel Adhesion	Stainless Steel	8.9 N/cm (81 oz/in) [1]
90° Peel Adhesion	Stainless Steel	5.7 N/cm (52 oz/in) [1]
180° Peel Adhesion	ABS	7.0 N/cm (64 oz/in) [1]
180° Peel Adhesion	PVC	9.8 N/cm (89 oz/in) [1]
180° Peel Adhesion	Polycarbonate (PC)	7.2 N/cm (65 oz/in) [1]

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

Static Shear

Substrate: Stainless Steel
Dwell Time: 72 h
Backing: 4 mil PET
Test Method: ASTM D3654

Temperature	Test Condition	Value
23 °C (73 °F)	1000 g	10,000 min [1]
70 °C (158 °F)	500 g	10,000 min [1]

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

Substrate: Stainless Steel
Test Condition: 500 g
Dwell Time: 72 h
Backing: 4 mil PET
Test Method: ASTM D3654

Attribute Name	Value
Short Term Temperature Resistance	177 °C (350 °F) [1]
Long Term Temperature Resistance	149 °C (300 °F) [2]

[1] Maximum temperature where tape supports indicated load per 6.5cm² (1 in²) in static shear for 60 minutes.

[2] Maximum temperature where tape supports indicated load per 6.5cm² (1 in²) in static shear for 10,000 minutes.

Typical Environmental Performance

Substrate: ABS
Temperature: 70 °C (158 °F)
Dwell Time: 1,000 h
Backing: 4 mil PET

Attribute Name	Test Method	Value
180° Peel Adhesion	ASTM D3330	9.7 N/cm (88 oz/in) [1]

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

Application Guidelines

Use directly without dilution. Agitate well before using. Do not add additives such as defoamers. Keep container tightly capped during storage. Avoid returning used adhesive to container. Select screen mesh based on required adhesive coating thickness and printing precision. Stainless steel, polyester and nylon wire in the range of #70 to #150 can be used for screen mesh materials. Water resistant materials such as acrylics or diazos should be used for mesh masking materials.

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original, unopened packaging, out of direct sunlight. Lower temperatures cause increased viscosity of a temporary nature. Product will become unusable with prolonged storage under 4°C (40°F). Protect from freezing. For best performance, use this product within 12 months from date of manufacturing.

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.

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