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

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Supersedes: June, 2024

Technical Data Sheet

3M™ Nitrile Rubber & Plastic Adhesive 826

Regulatory Info/SDS

Product Features

- A light colored, fast drying adhesive.
- Excellent resistance to aromatic fuels, water and oil.
- Used to bond many types of plastic films including ABS, cellulose acetate, and PVC.

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
Net Weight	7.5 — 8 lb/gal
Base	Nitrile

Typical Physical Properties

Attribute Name	Temperature	Value
Color		Light Amber
Solids Content by Weight		21 — 25 %
Carrier Solvent		Ethyl Acetate, Ethyl Alcohol
Flash Point		2 °C (35 °F) [1]
Viscosity	27 °C (80 °F)	750 — 1250 cP [2]

[1] Setaflash® closed cup tester

[2] Brookfield Viscometer RVF #2 spindle @ 20 rpm

Typical Performance Characteristics

180° Peel Adhesion

Substrate: Canvas to Steel

Dwell Time	Temperature	Value
24 h	23 °C (73 °F)	160 oz/in
72 h	23 °C (73 °F)	272 oz/in
120 h	23 °C (73 °F)	296 oz/in
168 h	23 °C (73 °F)	336 oz/in
2 week	23 °C (73 °F)	368 oz/in
3 week	23 °C (73 °F)	432 oz/in
3 week	-34 °C (-29 °F)	280 oz/in
3 week	66 °C (150 °F)	80 oz/in
3 week	82 °C (180 °F)	64 oz/in

Overlap Shear Strength

Substrate: Aluminum to Aluminum
Dwell Time: 15 min
Environmental Condition: +1 MPa (+150 psi)

Temperature	Test Condition	Value
121 °C (250 °F)		25 lb/in²
163 °C (325 °F)	-55 °C (-67 °F)	1,395 lb/in²
163 °C (325 °F)	-34 °C (-30 °F)	1,811 lb/in²
163 °C (325 °F)	23 °C	198 lb/in²
163 °C (325 °F)	66 °C (150 °F)	88 lb/in²
163 °C (325 °F)	82°C (180 °F)	59 lb/in²
163 °C (325 °F)	93 °C (200 °F)	55 lb/in²

Typical Environmental Performance

T-Peel Adhesion

Substrate: Canvas to Canvas
Test Method: ASTM D1876

Dwell Time	Environmental Condition	Value
72 h	Aged 2 days @ 120 °F (49 °C) plus 24 hr/120 °F (49 °C) VMP	256 oz/in
72 h	Aged 2 days @ 120 °F (49 °C) plus 24 hr/120 °F (49 °C) Jet Fuel	144 oz/in
72 h	Aged 2 days @ 120 °F (49 °C) plus 24 hr/160 °F (71°C) Oil	336 oz/in
9 d	Aged 2 days @ 120 °F (49 °C) plus 1 wk/Freon #11	208 oz/in
9 d	Aged 2 days @ 120 °F (49 °C) plus 1 wk/Freon #12	240 oz/in
16 d	Aged 2 days @ 120 °F (49 °C) plus 2 wk/Freon #11	192 oz/in
16 d	Aged 2 days @ 120 °F (49 °C) plus 2 wk/Freon #12	240 oz/in

Handling/Application Information

Directions for Use

1. Surface Preparation: Surfaces must be clean, dry and dust free. Wiping thoroughly with methyl ethyl ketone (MEK)* will aid in removing oil and dirt.*
2. Application Temperature: For best results, the temperature of the adhesive and surfaces should be at least 65°F (18°C).
3. Application: Stir well before using.
Porous Surface(s): Brush, flow or spray a thin, even coat of adhesive to one or both surfaces. Coating both surfaces is preferred since it gives greater strength and permits longer open time before bonding. Very absorbent materials may require more than one coat. Bond while adhesive is still wet or aggressively tacky. Join surfaces with firm pressure.
Non-Porous Surface(s): Brush, flow or spray a thin, even coat of adhesive to both surfaces. Allow adhesive to dry until tacky. Join surfaces with firm pressure.
4. Drying Time: Drying time depends on temperature, humidity, air movement, and porosity of the materials bonded. Typically, drying times of 5 to 10 minutes can be expected.
5. Cleanup: Excess adhesive may be removed with methyl ethyl ketone (MEK)* or acetone,* preferably while still wet.
*Note: When using solvents, extinguish all ignition sources and follow the manufacturer's precautions and directions for use.

Application Equipment

Appropriate application equipment enhances adhesive performance. We suggest the following application equipment for the user's evaluation in light of the user's particular purpose and method of application.

1. Pumping: A 2:1 ratio, divorced design pump is suggested. All material hoses should be nylon lined. Packings and glands in contact with the adhesive should be PTFE.
2. Spray:

Spray Gun	Air Cap	Fluid Tip	Air Pressure	Approximate Air Requirement[1]	Fluid Flow[2]
DeVilbiss, JGA	704	E	60 psi	14½ CFM	4 fl. oz./min.
Binks No. 62, 95 or 2001	66PE	66	60 psi	16½ CFM	4 fl. oz./min.

Note: This adhesive is not recommended for airless spraying.
12-3 H.P. Compressor for intermittent use. 4 H.P. Compressor for continuous use.
2To Measure Fluid Flow: Pressurize fluid source only; pull trigger, flow material into measuring device for 60 seconds, increase or decrease fluid source pressure to obtain desired fluid flow.

3. Brush: Typical brushes designed for oil based paint may be used.

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. For best performance, use this product within 24 months from date of manufacture.

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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