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

SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

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.



3M Science. Applied to Life.™

V-8 | English-US
Last Revision Date: May, 2026
Supersedes: July, 2025

Technical Data Sheet

3M™ Marine Adhesive/Sealant Fast Cure 4000 UV

Product Description

3M™ Marine Adhesive/Sealant 4000 UV is a one-part adhesive sealant that cures to form a firm, rubbery waterproof seal. Its flexibility allows for the dissipation of stress caused by shock, vibration, swelling or shrinking. Designed for marine applications above and below the waterline. Its superior UV resistance properties makes this an ideal cosmetic adhesive sealant.

Product Features

- Superior UV resistance.
- Exceptional sealing properties.
- <1 % VOC
- Low odor.
- Non-shrinking.
- Non-sagging.
- Non-corrosive.
- Non-cracking.
- Caulkable at low temperatures (>4 °C [40 °F]).
- Fast curing.
- Paintable (test for suitability).

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
Density	1.4
Consistency	Medium Paste
Base	Polyether

Typical Physical Properties

Attribute Name	Value
Color	White Black
Product Construction	10 fl. oz. cartridge (295 ml) 3 fl. oz. tube (90 ml) 400 ml Flex Pack (13.5 fl. oz.)
Approximate Coverage	36.6 lineal m (120 LF) [1]

[1] 10.5 oz. [310 mm Cartridge]; 1/8 in (3 mm) bead

Typical Cured Characteristics

Attribute Name	Test Method	Value
Shore A Hardness	ASTM C661	39

Typical Performance Characteristics

180° Peel Adhesion

Temperature: 23 °C (73 °F)

Substrate	Value
Aluminum	7.7 N/cm (70 oz/in) (Cohesive) [1]
Fiberglass	6.2 N/cm (57 oz/in) (Cohesive) [1]
Gelcoat	6.6 N/cm (60 oz/in) (Cohesive) [1]
Mahogany	5.5 N/cm (50 oz/in) (Cohesive) [1]

[1] 25 mm (1 in) wide specimens on canvas.
Cohesive – Adhesive/Sealant fails before adhesive/sealant releases from substrate. This is the desired mode.
Adhesive Failure – Adhesive/Sealant releases from substrate.

Overlap Shear Strength

Temperature: 23 °C (73 °F)

Substrate	Value
Oak	13.385/15 kg/cm² (19085/15 lb/in²) (Cohesive/Adhesive) [1]
Maple	14.880/20 kg/cm² (21080/20 lb/in²) (Cohesive/Adhesive) [1]
Fir	13.370/30 kg/cm² (19070/30 lb/in²) (Cohesive/Adhesive) [1]
Mahogany	11.260/40 kg/cm² (16060/40 lb/in²) (Cohesive/Adhesive) [1]
Aluminum	15.880/20 kg/cm² (22580/20 lb/in²) (Cohesive/Adhesive) [1]
Fiberglass	14.0 kg/cm² (200 lb/in²) (Cohesive) [1]
Gelcoat	17.6 kg/cm² (250 lb/in²) (Cohesive) [1]

[1] 25 mm (1 in) overlap specimens 2.4 mm (0.093 in) thick.
Cohesive – Adhesive/Sealant fails before adhesive/sealant releases from substrate. Desired failure mode.
Adhesive Failure – Adhesive/Sealant releases from substrate.

Attribute Name	Temperature	Substrate	Value
Application Temperature			4 — 38 °C (40 — 100 °F)
Long Term Temperature Resistance			90 °C (190 °F) [1]
Minimum Long Term Temperature Resistance			-40 °C (-40 °F) [1]
Temperature Resistance	23 °C (73 °F)	Fir	17.655/45 kg/cm² (25055/45 lb/in²) (Cohesive/Adhesive) [2]
Temperature Resistance	23 °C (73 °F)	Aluminum	28.195/5 kg/cm² (40095/5 lb/in²) (Cohesive/Adhesive) [2]

Attribute Name	Temperature	Substrate	Value
Temperature Resistance	23 °C (73 °F)	Gelcoat	19.3 kg/cm² (275 lb/in²) (Cohesive) [2]
Temperature Resistance	23 °C (73 °F)	Fiberglass	22.880/20 kg/cm² (32580/20 lb/in²) (Cohesive/Adhesive) [2]

[1] Long Term (day, weeks)

[2] 25 mm (1 in) overlap specimens 2.4 mm (0.093 in) thick. Aged 500 hours @ 190 °F (90 °C).
Cohesive – Adhesive/Sealant fails before adhesive/sealant releases from substrate. Desired failure mode.
Adhesive Failure – Adhesive/Sealant releases from substrate.

Attribute Name	Temperature	Value
Elongation		>300 % [1]
Tensile Strength	23 °C (73 °F)	28.1 kg/cm² (>400 lb/in²) [1]

[1] A 3.2 mm (1/8 in) dumbbell specimen with a 3.2 mm (1/8 in) square cross section was tested at 51 mm/min (2 in/min)

Product Uses

3M Marine Adhesive Sealant 4000 UV may be used in typical bedding and sealing applications including fiberglass hull, wood to fiberglass, porthole frames, deck fittings, moldings, thru hull and deck hardware.

Handling/Application Information

Directions for Use

1. Surface Preparation
Surface should be clean, dry and free of contaminants. New surfaces should be solvent wiped with 3M™ General Purpose Adhesive Cleaner 08984*, or equivalent. Other than new surfaces should be sanded with a fine grade abrasive to enhance bond strength.

2. Sealing and bedding application
Apply 3M™ Marine Adhesive/Sealant 4000 UV to the seam or part to be bonded. Position parts. Tool and squeeze out material to desired appearance. Remove excess with 3M general purpose adhesive cleaner 08984.*

3. Cleanup
For cleaning 3M marine adhesive/sealant 4000 UV before it is cured, use a dry cloth to remove the majority, followed by a cloth damp with 3M general purpose adhesive cleaner, toluene, acetone, or other good cleaning solvent.*
Cured 3M marine adhesive/sealant 4000 UV can be removed mechanically with a knife, razor blade, piano wire or by sanding.
*Note: When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use.

Cure:
Tack Free (50 %RH, 22 °C, 72 °F): 22 min
Full Cure (50 %RH, 22 °C, 72 °F): 24 hr with 3.2 mm (1/8 in) depth of cure

*Higher temperature and humidity conditions will accelerate the tack free time and cure. Please plan accordingly.

Application Examples

Typical Marine Adhesive Sealant Applications:
Portlights
Hatches
Thru-hulls
Rails
Metal Hardware
Moldings
Wood
Teak
Fiberglass
Gelcoat
Porthole Frames

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 packaging, out of direct sunlight. Lower temperatures cause increased viscosity of a temporary nature. When stored at recommended conditions, the shelf life is 15 months from date of manufacture for cartridges and sausage packs. When stored at recommended conditions, the shelf life is 3 years from date of manufacture for 3 ounce tubes.

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

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Disclaimer: 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.

ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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

3M is a trademark of 3M Company.
©3M 2026 (5/26)