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.™

Technical Data Sheet

3M™ Double Coated Tape GPT-020F

V-8 | English-US
Last Revision Date: April, 2026
Supersedes: September, 2025

Additional Info

Product Description

3M™ Double Coated Tape GPT-020F is an 8 mil thick, double sided tape utilizing a modified acrylic adhesive with polyester carrier and a Polypropylene film liner.

Product Features

- Excellent adhesion to a variety of substrates
- High initial tack
- High shear and temperature resistance
- Easy handling and converting due to polyester carrier
- Polypropylene Liner for clean handling and automatic unwinding
- General Purpose Tape (GPT)

Typical Physical Properties

Attribute Name	Test Method	Test Condition	Value
Color			Clear
Adhesive Type			Modified Acrylic
Adhesive Carrier			PET
Adhesive Thickness		Faceside	0.095 mm (3.75 mil) [1]
Carrier Thickness			0.012 mm (0.47 mil)
Adhesive Thickness		Backside	0.095 mm (3.75 mil) [2]
Total Tape Thickness	ASTM D3652		0.202 mm (7.95 mil)
Liner			Polypropylene film, White with Red 3M Logo
Liner Print			3M
Liner Thickness			0.1 mm (3.9 mil)

[1] Faceside adhesive is on the interior of the roll, exposed when unwound and liner removed.

[2] Backside adhesive is on the exterior of the roll, exposed when liner is removed.

Typical Performance Characteristics

90° & 180° Peel Adhesion (Table 1)

Shear & Temperature Resistance (Tables 2 & 3)

Test Method: ASTM D3330

Attribute Name	Dwell Time	Temperature	Substrate	Backing	Value
90° Peel Adhesion	20 min	23 °C (73 °F)	Stainless Steel	2 mil Aluminum Foil	7.7 N/cm (70 oz/in) [1]
90° Peel Adhesion	72 h	23 °C (73 °F)	Stainless Steel	2 mil Aluminum Foil	9.1 N/cm (83 oz/in) [1]
90° Peel Adhesion	72 h	23 °C (73 °F)	ABS	2 mil Aluminum Foil	9.7 N/cm (89 oz/in) [1]
90° Peel Adhesion	72 h	23 °C (73 °F)	Polypropylene (PP)	2 mil Aluminum Foil	9.2 N/cm (84 oz/in) [1]

Attribute Name	Dwell Time	Temperature	Substrate	Backing	Value
90° Peel Adhesion	72 h	23 °C (73 °F)	Polycarbonate (PC)	2 mil Aluminum Foil	10 N/cm (91 oz/in) [1]
180° Peel Adhesion	20 min	23 °C (73 °F)	Stainless Steel	2 mil Aluminum Foil	14.3 N/cm (131 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	Stainless Steel	2 mil Aluminum Foil	17.1 N/cm (156 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	ABS	2 mil Aluminum Foil	17.7 N/cm (162 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	Polypropylene (PP)	2 mil Aluminum Foil	19.1 N/cm (174 oz/in) [1]
180° Peel Adhesion	72 h	70 °C (158 °F)	Stainless Steel	2 mil Aluminum Foil	20.3 N/cm (185 oz/in) [1]
180° Peel Adhesion	72 h	70 °C (158 °F)	ABS	2 mil Aluminum Foil	16.1 N/cm (147 oz/in) [1]
180° Peel Adhesion	72 h	70 °C (158 °F)	Polypropylene (PP)	2 mil Aluminum Foil	20.4 N/cm (186 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	Stainless Steel	2 mil PET	11.8 N/cm (106 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	ABS	2 mil PET	12.3 N/cm (110 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	Polypropylene (PP)	2 mil PET	13.5 N/cm (121 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	Polycarbonate (PC)	2 mil PET	14.6 N/cm (131 oz/in) [1]
180° Peel Adhesion	72 h	23 °C (73 °F)	Glass	2 mil PET	12.9 N/cm (116 oz/in) [1]

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

Substrate: Stainless Steel
Dwell Time: 72 h
Backing: 2 mil Aluminum Foil

Attribute Name	Test Method	Temperature	Test Condition	Value
Static Shear	ASTM D3654	23 °C (73 °F)	1000 g	10000 min [1]
Static Shear	ASTM D3654	70 °C (158 °F)	500 g	10000 min [1]
Static Shear	ASTM D3654	93 °C (200 °F)	500 g	10000 min [1]
Shear Adhesion Failure Test - SAFT	PSTC 17		1000 g	140 °C (284 °F) [2]
Shear Adhesion Failure Test - SAFT	PSTC 17		500 g	202 °C (395 °F) [2]

[1] 25 x 25 mm (1 in x 1 in) sample area, test terminated after 10,000 minutes
[2] 25 x 25 mm (1 in x 1 in) Area Contact

Attribute Name	Value
Short Term Temperature Resistance	149 °C (300 °F) [1]
Long Term Temperature Resistance	93 °C (200 °F) [2]

[1] Short Term (minutes, hour)
[2] Long Term (day, weeks)

Typical Environmental Performance

180° Peel Adhesion

Temperature: 32 °C (90 °F)
Dwell Time: 72 h
Backing: 2 mil Aluminum Foil
Test Method: ASTM D3330
Environmental Condition: 90 %RH

Substrate	Value
Stainless Steel	18.3 N/cm (167 oz/in) [1]
ABS	17.8 N/cm (163 oz/in) [1]
Polypropylene (PP)	19.9 N/cm (182 oz/in) [1]

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

90° Peel Adhesion

Substrate: Stainless Steel
Backing: 2 mil Aluminum Foil
Test Method: ASTM D3330

Dwell Time	Temperature	Environmental Condition	Value
72 h	23 °C (73 °F)	Control	9.1 N/cm (83 oz/in) [1]
1 h	23 °C (73 °F)	Isopropyl alcohol	102 % of control [1]
1 h	23 °C (73 °F)	Acetone	89 % of control [1]
1 h	23 °C (73 °F)	Gasoline	84 % of control [1]
4 h	23 °C (73 °F)	Weak Acid (pH 4)	95 % of control [1]
4 h	23 °C (73 °F)	Weak Base (pH 10)	93 % of control [1]
72 h	23 °C (73 °F)	Salt Water (5% by weight)	82 % of control [1]
100 h	23 °C (73 °F)	Water Immersion	85 % of control [1]
72 h	32 °C (90 °F)	90 %RH	117 % of control [1]
72 h	49 °C (120 °F)	Oil (10W30)	108 % of control [1]
96 h		Temperature Cycling: 4 Hours at 70 °C (158 °F). 4 Hours at -29 °C (-20 °F). 16 Hours at 23 °C (73 °F). Repeat four times	104 % of control [1]

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

Handling/Application Information

Application Examples

- Point of purchase displays (POP)
- Indoor/Outdoor signage and banners
- Bonding and mounting of sales displays and billboards.
- Paper bonding and packaging
- Splicing
- Mounting of plastic parts
- Mounting of furniture and decorative trims
- Fixing of decorative trims and emblems.

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. For best performance, use this product within 18 months from date of manufacture.

Certificate of Analysis (COA)

Available upon request.

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.

Important Notice

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law

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

3M is a trademark of 3M Company
© 3M 2016 (3/16)