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.



3M Science. Applied to Life.™

Technical Data Sheet

3M™ Double Coated Tape GPT-020

V-7 | English-US
Last Revision Date: April, 2026
Supersedes: September, 2025

Additional Info

Product Description

3M™ Double Coated Tape GPT-020 is an 8 mil thick, double sided tape utilizing a modified acrylic adhesive with polyester carrier and a paper 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
- 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			Polycoated Kraft, Red 3M Logo on White Background
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.

Information

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ISO Statement

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