SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

# 현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
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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.

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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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# Technical Data Sheet

3M™ Double Coated Paper Tape 401M

Product Details

## Product Description

3M™ Double Coated Paper Tape 401M utilizes a natural rubber adhesive system that offers good to excellent adhesion to many types of surfaces.

## 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 |
|---|---|
| Adhesive Family | 860 (3M™ Adhesive 860 is a soft natural rubber-resin pressure-sensitive adhesive system and features high initial adhesion and good holding power to a wide variety of materials.) |

| Attribute Name | Test Method | Value |
|---|---|---|
| Color | | Off-White |
| Adhesive Carrier | | Treated Paper |
| Total Tape Thickness | ASTM D3652 | 0.23 mm (9 mil) |
| Liner | | Paper |
| Liner Print | | Green Plaid |
| Liner Thickness | | 0.075 mm (3 mil) |
| Primary Liner Color | | Green Plaid |

## Typical Performance Characteristics

### 90° Peel Adhesion

Substrate: Stainless Steel
Temperature: 23 °C (73 °F)
Dwell Time: 72 h
Backing: 2 mil PET
Test Method: ASTM D3330

| Value |
|---|
| 65 oz/in [1] |
| 7.1 N/cm [1] |

[1] 304 mm/min (12 in/min)

| Attribute Name | Value |
|---|---|
| Short Term Temperature Resistance | 82 °C (180 °F) [1] |
| Long Term Temperature Resistance | 66 °C (150 °F) [2] |

[1] Short Term (minutes, hour)

[2] Long Term (day, weeks)

## Typical Environmental Performance

| Attribute Name | Value |
|---|---|
| Solvent Resistance | Medium |
| UV Resistance | Good |

## Typical Environmental Characteristics

### Environmental Resistance

This product uses a solvent free manufacturing process.

## Handling/Application Information

### Application Examples

• Splicing and core starting of papers, foils, films, fabrics etc.
• Mounting rubber or photopolymer printing plates to print cylinders.
• Attaching of golf club grips.
• Temporary holding while parts are being finished in the milling process.

### Application Techniques

Bond strength is dependent upon the amount of adhesive-to-surface contact. Firm application pressure helps ensure better adhesive contact and improve bond strength. To obtain optimum adhesion, the bonding surfaces must be clean, dry, and uniform. Some typical surface cleaning solvents are isopropyl alcohol or heptane.* Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.
*Note: When using solvents, extinguish all ignition sources, including pilot lights, and follow the manufacturer's precautions and directions for use.

### Application Equipment

For additional dispenser information, contact your local 3M sales representative, or the toll free 3M sales assistance number at 1-800-362-3550.

## 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.

## Available Sizes - Detailed

Please contact your 3M sales representative or contact 3M customer service at 1-800-362-3550 for details on available sizes.

## Recognition/Certification

**MSDS:**3M has not prepared MSDSs for these products which are not subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the 3M directions for use, these products should not present a health and safety hazard. However, use or processing of the products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards.
**TSCA:**These products are defined as articles under the Toxic Substances Control Act and therefore, are exempt from inventory listing requirements.

## 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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