SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

# 현장을 이해하고, 필요한 솔루션을 연결합니다.

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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.

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English-US

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# Technical Data Sheet

3M™ Double Coated PET Tape 55261P

## Product Description

3M™ Double Coated PET Tape 55261P is a double coated pressure sensitive adhesive product. Acrylic pressure sensitive adhesive is coated on both sides of flexible PET film. Stable dimensions and easy to die-cut.

## 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 | Test Method | Test Condition | Value |
|---|---|---|---|
| Color | | | Clear |
| Adhesive Thickness | | Faceside | 0.044 mm (1.7 mil) [1] |
| Adhesive Thickness | | Backside | 0.044 mm (1.7 mil) [2] |
| Carrier Thickness | PSTC-133 | | 0.012 mm |
| Adhesive Carrier | | | PET |
| Total Tape Thickness | ASTM D3652 | | 0.1 mm (3.9 mil) |
| Liner Print | | | White glassine green 3M logo |
| Liner Thickness | | | 0.076 mm (3.0 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

### 180° Peel Adhesion

Test Method: ASTM D3330

| Dwell Time | Temperature | Substrate | Backing | Value |
|---|---|---|---|---|
| 20 min | 23 °C (73 °F) | Polycarbonate (PC) | | 11 N/cm [1] |
| 20 min | 23 °C (73 °F) | Stainless Steel | | 11.5 N/cm [1] |
| 72 h | 23 °C (73 °F) | Stainless Steel | 2 mil PET | 12.5 N/cm [1] |
| 72 h | | Polycarbonate (PC) | | 11.5 N/cm [1] |

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

Temperature: 23 °C (73 °F)
Test Condition: 1000 g

| Attribute Name | Value |
|---|---|
| Static Shear | 10,000 min [1] |

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

| Attribute Name | Value |
|---|---|
| Short Term Temperature Resistance | 200 °C (390 °F) [1] |
| Long Term Temperature Resistance | 80 °C (176 °F) [2] |

[1] Short Term (minutes, hour)

[2] Long Term (day, weeks)

## Handling/Application Information

### Application Techniques

Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improves bond strength.
To obtain optimum adhesion, the bonding surfaces must be clean, dry, and well unified. Some typical surface cleaning solvents are isopropyl alcohol/water mixture or heptane.
Note: Carefully read and follow the manufacturer's precautions and directions for use when working with solvents.
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.

## 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 24 months from date of manufacture.

## Information

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## 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

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