



9071 Double Coated PET Film Carrier Tape

Temporary Technical Data Sheet

Dec. 1999

1. Product Description

9071 PET film Double coated tape is double coated acrylic foam with Polyester film with pressure sensitive adhesive on both sides, and has excellent peel adhesion and good resistance to solvent, UV light and elevated temperature.

2. Construction



Acrylic Adhesive

PET Film

Acrylic Adhesive

Polycoated Paper Liner

3. Application Technique

- 1) Clean up oil, water and dust on the bonding surface
- 2) Add pressure using press equipment or steel roller
- 3) Initial bond strength decreases at less than 5 °C . If initial bond strength is desired, heating and the bonding surface is necessary.

Adhesive Type

Acrylic Adhesive

Carrier Type

38 µm PET

Thickness

Tape only

0.220 mm

Release liner

0.163 mm

Carrier

0.038 mm

Normal Tolerance

± 15 %

Color

Clear



9071 Double Coated BOPP Film Carrier Tape

| | | |
|--------------------|------------------------|-----------|
| Release Liner | Polycoated Paper Liner | |
| | White 3M Logo printed | |
| Roll Length | | |
| Standard | m | 50 |
| Roll width : | | |
| Minimum | mm | 6.4 |
| Maximum | mm | 1000 |
| Slitting Tolerance | mm | ± 0.8 |

Typical Physical Properties and Performance Note : The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

| | | |
|---------------|-----------------|-------|
| Peel Strength | Stainless steel | 1,500 |
| (grams/25 mm) | Polycarbonate | 1,400 |
| | ABS | 1,400 |

ASTM D 3330; 90 peel Adhesion ; Room Temperature 72 hour aging ; Jaw Speed : 305 mm/min ; with 25 micron PET Film

Dynamic Shear to SUS kg/6.45 cm² 32
ASTM D 1002 ; 12.7 mm/min ; Room temperature 72 hours aging

Static Shear min 10,000
500 grams loading on stainless steel ; 6.45 cm² overlap at room temperature
ASTM D 3654

Heat Resistance
Long term(week, days) : 70 °C



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Short term(hour minute) : 90 °C

Shelf Life 24 months from date of manufacture when stored in original cartons at room temperature & 50 % RH

Important notice to purchaser

All statements, technical information and recommendations herein are based on tests we believe to be reliable. but the accuracy or completeness therefore is not guaranteed.

For Additional Information To request additional product information for sales assistance, call 82-2-3771-4030. Address correspondence to : Bonding System Division, 3M Korea LTD, DAEHAN INVEST TRUST BLDG 22 ND, YOIDO-DONG, YONGDEUNGPO-GU,SEOUL KOREA Our fax number is 82-2-786-7429.

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