



Specialty Tape Division

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Surface Preparation

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil.

Temperatures

| | | |
|---------------------------------|---------------|--------------|
| Min Application Temp | 50° F | 10° C |
| Max Continuous Operating Temp | 175° F | 79° C |
| Max Intermittent Operating Temp | 200° F | 93° C |

Storage and Shelf Life

One year when stored at 70°F (21°C) 50% RH out of direct sunlight.

PRODUCT DESCRIPTION

Applications

Designed for bonding to surfaces requiring conformability, cushioning and a high degree of adhesive performance.

Features

*Combines high tack and adhesion with excellent shear performance
Conformability to irregular surfaces
Excellent compression and shear properties*

Benefits

*Strong bond to a variety of substrates
Conformability to irregular surfaces
Product reliability
Strong, tear resistant release liner*

PRODUCT DATA

Product Construction

(Not for Specification Use)
Test Methods: PSTC-33, ASTM D-1000, TAPPI T-411-M-44

| | <u>US Mils</u> | <u>MM's</u> |
|---------------------------|----------------|-------------|
| Unwind Adhesive | 2.3 | 0.06 |
| Carrier | 63.0 | 1.60 |
| Liner Adhesive | 2.3 | 0.06 |
| Liner | 3.6 | 0.09 |
| Total Construction | 71.2 | 1.81 |

Limited Warranty

All statements, technical information and recommendations concerning products sold or samples provided by AVERY DENNISON are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All products are sold and samples of products provided with the understanding that PURCHASER has independently determined the suitability of such products for its purposes. AVERY DENNISON warrants the products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year* after the initial date of shipment, AVERY DENNISON shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with AVERY DENNISON's standards, correct such defects by suitable repair or replacement without charge at AVERY DENNISON's plant or at the location of the products (at AVERY DENNISON's election) provided, however, if AVERY DENNISON determines that the repair or replacement is not commercially practical, AVERY DENNISON shall issue credit in favor of PURCHASER in an amount not to exceed the purchase price of the products.

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Adhesive Properties

Peel Adhesion

2 mil PET 180° 12" min Initial

Test Method(s): PSTC-3, ASTM D-3330, STD-10

| <u>Substrate</u> | <u>Test Side</u> | <u>Lbf / in</u> | <u>US Oz / in</u> | <u>N / Meter</u> |
|------------------|------------------|-----------------|-------------------|------------------|
| SS | Liner | 6.6 | 106 | 1156 |
| | Unwind | 6.6 | 106 | 1156 |

Loop Tack

2 mil PET 20" min Initial

Test Method(s): PSTC-5, STD-7

| <u>Substrate</u> | <u>Test Side</u> | <u>Lbf / in</u> | <u>US Oz / in</u> | <u>N / Meter</u> |
|------------------|------------------|-----------------|-------------------|------------------|
| SS | Liner | 6.7 | 107 | 1173 |
| | Unwind | 6.5 | 104 | 1138 |

Static Shear

2 mil PET @ 72°F / 22°C 1" sq (6.5 cm²) 5.5 lbs (2.5 kg)

Test Method(s): PSTC-7, ASTM D 3654, STD-9

| <u>Substrate</u> | <u>Test Side</u> | <u>Min to Fail</u> |
|------------------|------------------|--------------------|
| SS | Liner | > 10,000 |
| | Unwind | > 10,000 |