



FT 8299

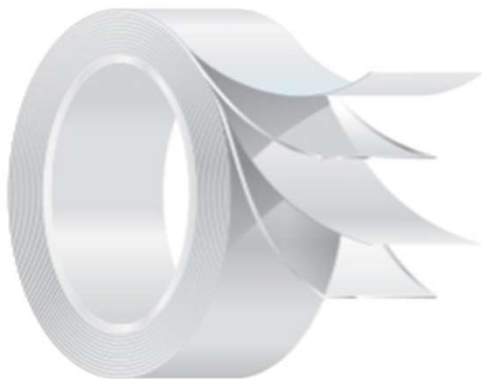
Avery Dennison FT 8299 is a double coated tissue with a high performance acrylic laminating adhesive designed to be environmentally friendly with reduced odor and lower VOC's than typical PSA tapes.

FEATURES

- Double Coated Tape Construction
- Low outgassing high performance acrylic adhesive

BENEFITS

- Dimensional stability and good die cutting characteristics
- Flexible and conformable with hand tearability
- Good balance of peel, tack, and shear
- Excellent bond to polyurethane foams
- Meets OEM low VOC requirements with low odor
- 2 Year Warranty



CONSTRUCTION:

Liner:

78# White Kraft

Adhesive 1:

Low VOC Acrylic

Carrier:

Tissue

Adhesive 2:

Low VOC Acrylic

FT 8299

| Adhesive Properties: | | Typical Values | | |
|------------------------------|------------|----------------|------|---------------|
| Thickness | ASTM D3652 | US Mils | MM's | Micron's (µm) |
| Liner | | 4.5 | 0.11 | 114 |
| Adhesive 1 - Liner | | 2.0 | 0.05 | 51 |
| Carrier | | 1.0 | 0.03 | 25 |
| Adhesive 2 - Unwind | | 2.0 | 0.05 | 51 |
| | | | | |
| Total Caliper without Liner: | | 5.0 | 0.13 | 127 |
| Total Caliper: | | 9.5 | 0.24 | 241 |

| Peel Adhesion | | ASTM D3330 | | |
|-------------------------------------|--------|------------|----------|-----------|
| 180° 12 in (300 mm) min @ Room Temp | | | | |
| Substrate | | | Lbf / in | N / Meter |
| SS | LINER | INITIAL | 4.7 | 828 |
| | | | | |
| | UNWIND | | 4.7 | 828 |

| Peel Adhesion | | ASTM D3330 | | |
|-------------------------------------|--------|-------------|----------|-----------|
| 180° 12 in (300 mm) min @ Room Temp | | | | |
| Substrate | | | Lbf / in | N / Meter |
| SS | LINER | 24 HR DWELL | 5.0 | 881 |
| | | | | |
| | UNWIND | | 5.0 | 881 |

| Peel Adhesion | | ASTM D3330 | | |
|-------------------------------------|--------|------------|----------|-----------|
| 180° 12 in (300 mm) min @ Room Temp | | | | |
| Substrate | | | Lbf / in | N / Meter |
| PP | LINER | INITIAL | 4.4 | 775 |
| | | | | |
| | UNWIND | | 4.4 | 775 |

| Peel Adhesion | | ASTM D3330 | | |
|-------------------------------------|--------|-------------|----------|-----------|
| 180° 12 in (300 mm) min @ Room Temp | | | | |
| Substrate | | | Lbf / in | N / Meter |
| PP | LINER | 24 HR DWELL | 4.7 | 828 |
| | | | | |
| | UNWIND | | 4.7 | 828 |

| Static Shear | | ASTM D3654 | | |
|--------------------------------------|-------|-------------|-----------------|--|
| 1" x 1" (6.5 cm ²) 1000g | | | | |
| Substrate | | | Minutes to fail | |
| SS | LINER | 72 HR DWELL | > 1440 | |
| | | | | |

| TEMPERATURES | ° F | ° C |
|---------------------------------|--------|--------|
| Minimum Application Temperature | 50° F | 10° C |
| Minimum Service Temperature | -40° F | -40° C |
| Maximum Service Temperature | 325° F | 165° C |

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

APPLICATION TECHNIQUES

- 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
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

STORAGE / SHELF LIFE

- Two years when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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