



FT 8306

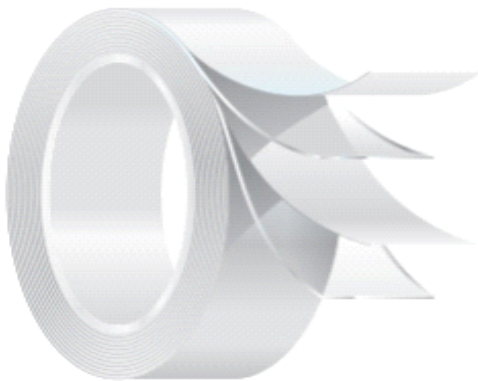
Avery Dennison™ FT 8306 is a 3.6 mil double coated polyester with a rubber adhesive on the laminating side and a removable acrylic adhesive on the mounting side. It is designed for temporary bonding of a wide variety of materials. FT 8306 is commonly used for signage and graphics and general industrial applications where short term removability is required.

FEATURES

- Double coated tape construction with a differential adhesive system
- Low adhesion, low tack acrylic adhesive on mounting side
- Multipurpose rubber adhesive on laminating side
- Polyester film carrier
- Super calendered kraft release liner

BENEFITS

- Dimensional stability and good die cutting characteristics
- Low initial bond for temporary removability
- Strong bond to a wide variety of materials and excellent foam bonding performance
- High tensile strength and good converting performance
- High tear resistance with excellent die cutting performance
- Two-year warranty



CONSTRUCTION:

Liner:

60# White Kraft

Adhesive 1:

Differential

Carrier:

Polyester

Adhesive 2:

Rubber

FT 8306

| Adhesive Properties: | | Typical Values | | |
|------------------------------|------------|----------------|------|---------------|
| Thickness | ASTM D3652 | US Mils | MM's | Micron's (µm) |
| Liner | | 3.5 | 0.09 | 89 |
| Adhesive 1 - Liner | | 0.8 | 0.02 | 20 |
| Carrier | | 0.5 | 0.01 | 13 |
| Adhesive 2 - Unwind | | 2.3 | 0.06 | 58 |
| Total Caliper without Liner: | | 3.6 | 0.09 | 91 |
| Total Caliper: | | 7.1 | 0.18 | 180 |

| Peel Adhesion | | ASTM D3330 | | |
|-------------------------------------|--------|-------------|----------|-----------|
| 180° 12 in (300 mm) min @ Room Temp | | | | |
| Substrate | | | Lbf / in | N / Meter |
| SS | Liner | 72 hr dwell | 1.0 | 176 |
| | Unwind | | 9.0 | 1,585 |
| ABS | Liner | 72 hr dwell | 3.5 | 616 |
| | Unwind | | | |

| Loop Tack | | ASTM D6195 | | |
|---------------------------------------|--------|------------|----------|-----------|
| 180° 30 in (508 mm) / min @ Room Temp | | | | |
| Substrate | | | Lbf / in | N / Meter |
| SS | Liner | Initial | 1.0 | 176 |
| | Unwind | | | |

| Static Shear | | ASTM D3654 | | |
|---|--------|-------------|-------------|--|
| 180° 1" sq (6.5 cm ²) 500 g @ Room Temp | | | | |
| Substrate | | | Min to Fail | |
| SS | Liner | 24 hr dwell | > 10,000 | |
| | Unwind | | | |

| TEMPERATURES | ° F | ° C |
|---------------------------------|--------|--------|
| Minimum Application Temperature | 50° F | 10° C |
| Minimum Service Temperature | -40° F | -40° C |
| Maximum Service Temperature | 175° F | 80° 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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