



FM 2333

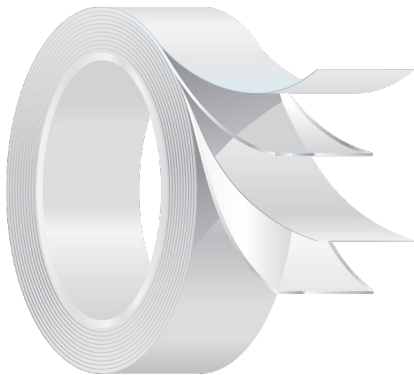
Avery Dennison FM 2333 is a 36 mil double coated white polyethylene foam with a modified acrylic adhesive. It bonds well to low surface energy materials and has the ability to fill gaps. FM 2333 is commonly used in general industrial foam applications.

FEATURES:

- Double coated tape construction
- Modified acrylic adhesive for low surface energy substrates
- Polyethylene foam carrier
- Super calendered kraft release liner

BENEFITS:

- Dimensional stability and good die cutting characteristics
- Strong bond to low surface energy materials
- Good heat resistance
- Gap filling properties and good conformability
- High tensile strength and tear resistance with excellent die cutting performance



CONSTRUCTION:

Liner:

60# White Kraft

Adhesive:

Acrylic

Carrier:

1/32" White Foam

Adhesive:

Acrylic

FM 2333

| Adhesive Properties: | | Typical Values | | |
|------------------------------|-------------|----------------|------|-------------|
| Thickness | ASTM D-3652 | US mil | mm | micron (µm) |
| Liner | | 3.5 | 0.09 | 90 |
| Adhesive - Unwind | | 2.3 | 0.06 | 60 |
| Carrier | | 31.0 | 0.79 | 785 |
| Adhesive - Liner | | 2.3 | 0.06 | 60 |
| Total Caliper without Liner: | | 35.6 | 0.90 | 905 |
| Total Caliper: | | 39.1 | 0.99 | 995 |

| PEEL ADHESION | | | | Test Method(s): PSTC-101, ASTM D-3330 | |
|--|--------|----------|--|---------------------------------------|--|
| 2 mil PET 72 hr dwell 180° 12 in /min (305 mm / min) | | | | | |
| Substrate | | Lbf / In | | N / Meter | |
| SS | Liner | 8.5 | | 1,490 | |
| | Unwind | 8.5 | | 1,490 | |
| ABS | Liner | 5.5 | | 960 | |
| | Unwind | 5.5 | | 960 | |
| | | | | | |
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| LOOP TACK | | | | Test Method(s): PSTC-16 | |
|--|-------|----------|--|-------------------------|--|
| 2 mil PET Initial 20 in / min (508 mm / min) | | | | | |
| Substrate | | Lbf / In | | N / Meter | |
| SS | Liner | 9.0 | | 1,580 | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| STATIC SHEAR | | | | Test Method(s): PSTC-107, ASTM D 3654 | |
|--|-------|--------------|--|---------------------------------------|--|
| 2 mil PET 72 hr dwell 1" sq (6.5 cm2) 1000 g | | | | | |
| Substrate | | Mins to Fail | | | |
| SS | Liner | 10,000 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| TEMPERATURES | ° F | ° C |
|---------------------------------|--------|--------|
| Minimum Application Temperature | 50° F | 10° C |
| Minimum Service Temperature | -40° F | -40° C |
| Maximum Service Temperature | 225° F | 105° 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

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

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