

TECHNICAL DATA SHEET

Avery Dennison™ FT 167 is a 63 µm rubber based transfer tape that provides excellent adhesion to a wide variety of low surface energy (LSE) plastics and foams and easy unwind and liner removal. FT 167 is designed for use in security, foam and fiber bonding, overnight box closure, flexible packaging, splicing, automotive and label applications.

FEATURES

- Rubber based adhesive
- Uniform adhesive thickness
- Easy release liner

BENEFITS

- Suitable for the bonding of apolar plastics
- Consistent application performance
- Good conformability to flat or curved surfaces
- Ensures rapid and easy liner removal at point of application



CONSTRUCTION

Liner: White glassine

Adhesive: Rubber

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		2.8	0.07	70
Adhesive		2.4	0.06	61
Total Caliper		5.2	0.13	131
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	9.6	153	1679
	24 hr dwell	9.8	157	1719
Polycarbonate	20 min dwell	9.1	146	1600
	24 hr dwell	9.3	148	1620
Painted Steel	20 min dwell	9.5	152	1660
	24 hr dwell	9.6	153	1679
Polypropylene	20 min dwell	9.0	144	1579
	24 hr dwell	9.1	146	1600
Glass	24 hr dwell	8.5	135	1480
UPVC	24 hr dwell	8.0	128	1399
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	5.2	84	918
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 800		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			158 °F	70 °C

Note: The listed values are typical only 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.

For more information on our bonding tapes and adhesive solutions, call us:

North America: +1 866 462 8379

Asia Pacific: +86 512 57155001

Europe: +32 (0)14 40 48 11

www.tapes.averydennison.com