

TECHNICAL DATA SHEET

Avery Dennison™ FT 117 is a 62 µm rubber based transfer tape that provides excellent adhesion to a variety of materials (including low surface energy substrates) and easy unwind and liner removal. FT 117 is designed for use in security, automotive and label applications.

FEATURES

- Uniform adhesive thickness
- Flexible adhesive film
- Specially designed adhesive
- Easy release liner

BENEFITS

- Consistent application performance
- Good conformability to flat or curved surfaces
- Excellent adhesion to a variety of metals, rigid and foamed plastics/rubber (EPDM, Neoprene)
- Facilitates easy 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	20min dwell	10.3	164	1800
	24 hr dwell	10.6	169	1849
Polycarbonate	20min dwell	9.7	155	1700
	24 hr dwell	9.7	155	1700
Painted Steel	20min dwell	9.5	152	1660
	24 hr dwell	9.9	158	1730
Polypropylene	20min dwell	6.9	110	1199
	24 hr dwell	7.4	119	1299
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	11.4	183	2000
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 900		
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