

TECHNICAL DATA SHEET

Avery Dennison™ FT 125 is a 90µm modified acrylic transfer tape that provides high adhesion to a variety of substrates (including low surface energy plastics), excellent resistance to UV light and high temperatures and easy unwind and liner removal. FT 125 is designed for use in security, automotive, label and foam and fiber bonding applications.

FEATURES

- Uniform adhesive thickness
- Flexible adhesive film
- Cross-linked highly engineered acrylic adhesive
- High initial tack
- Easy release liner

BENEFITS

- Ensures an immediate initial adhesion
- Consistent application performance
- Good conformability to flat or curved surfaces
- Excellent resistance to solvents, chemicals, plasticizers, moisture, temperature and UV-light
- Facilitates easy removal at point of application



CONSTRUCTION

Liner: Havana (yellow/brown) glassine liner

Adhesive: Modified acrylic



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		3.0	0.08	76
Adhesive		3.5	0.09	89
Total Caliper		6.5	0.17	165
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	6.4	102	1121
	24 hr dwell	6.9	110	1199
Polycarbonate	20 min dwell	6.4	102	1121
	24 hr dwell	6.6	105	1150
Painted Steel	20 min dwell	6.2	100	1089
	24 hr dwell	7.1	113	1240
Polypropylene	20 min dwell	2.9	47	510
	24 hr dwell	3.4	55	601
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	9.7	155	1700
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 2,000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			284 °F	140 °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