

TECHNICAL DATA SHEET

Avery Dennison™ FT 126 is a 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 126 is designed for use in security, automotive, label and foam and fiber bonding applications.

FEATURES

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

BENEFITS

- Consistent application performance
- Good conformability to flat or curved surfaces
- Excellent resistance to solvents, chemicals, plasticizers, moisture, temperature and indoor UV exposure
- Excellent adhesion to low and high polarity surfaces
- Good color stability for indoor applications
- 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	0.07	75
Adhesive		2.3	0.06	58
Total Caliper		5.3	0.13	133
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	4.9	78	849
	24 hr dwell	5.1	82	900
Polycarbonate	20 min dwell	6.3	100	1100
	24 hr dwell	6.5	104	1140
Painted Steel	20 min dwell	5.4	86	940
	24 hr dwell	5.5	89	970
Polypropylene	20 min dwell	2.5	40	440
	24 hr dwell	5.7	91	1000
Glass	24 hr dwell	3.8	60	660
UPVC	24 hr dwell	5.4	86	940
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	7.8	124	1361
UPVC	Initial	4.6	73	800
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 2,100		
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:

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