

TECHNICAL DATA SHEET

Avery Dennison™ FT 131 is a 29 µm rubber based transfer tape that provides excellent adhesion to a wide variety of low surface energy (LSE) plastics and easy unwind and liner removal. FT 131 is designed for use in security, flexible packaging, automotive and label applications.

FEATURES

- Uniform adhesive thickness
- Flexible adhesive film
- Specially designed adhesive with excellent flow properties
- Easy release liner

BENEFITS

- Consistent application performance
- Good conformability to flat or curved surfaces
- Provides excellent immediate bonding to foam, metals and apolar plastics
- 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		2.3	0.06	58
Adhesive		1.1	0.03	28
Total Caliper		3.4	0.09	86
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	5.1	82	900
	24 hr dwell	5.3	84	919
Polycarbonate	20 min dwell	4.9	79	860
	24 hr dwell	5.1	82	900
Painted Steel	20 min dwell	4.9	79	860
	24 hr dwell	5.1	82	900
Polypropylene	20 min dwell	4.9	79	860
	24 hr dwell	5.1	82	900
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	7.1	113	1240
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel		> 1000		
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:

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