

TECHNICAL DATA SHEET

Avery Dennison™ FT 2169

FEATURES

- Specially designed rubber adhesive
- High tack adhesive
- White easy release liner

BENEFITS

- Ideal for all common nameplate substrates including plastics encountered in the appliance and automotive industries e.g. polycarbonate, ABS, PP.
- Provides good initial adhesion to flat and embossed surfaces
- Facilitates visual quality control of the end product through the liner
- Offers easy removal at point of application



CONSTRUCTION

Liner: White glassine

Adhesive: Permanent synthetic rubber adhesive

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.35	0.085	85
Adhesive		2.36	0.060	60
Total Caliper		5.71	0.145	145
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	6.40	102	1120
	24 hr dwell	6.51	104	1140
Polycarbonate	20 min dwell	5.48	88	960
	24 hr dwell	5.60	90	980
Painted Steel	20 min dwell	7.42	119	1300
	24 hr dwell	7.54	121	1320
Rigid Polypropylene	20 min dwell	4.05	65	710
	24 hr dwell	4.68	75	820
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	9.4	150	1640
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 10000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			176 °F	80 °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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www.tapes.averydennison.com