

TECHNICAL DATA SHEET

Avery Dennison™ FT 168

FEATURES

- High coat-weight adhesive
- Flexible adhesive film
- Easy release liner

BENEFITS

- Suitable for bonding of LSE materials
- Offers good conformability to porous and rough surfaces
- Ensures rapid and easy liner removal at point of application



CONSTRUCTION

Liner: Havana (yellow/brown) colored glassine

Adhesive: Synthetic rubber adhesive



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		2.95	0.075	75
Adhesive		5.12	0.130	130
Total Caliper		8.07	0.205	205
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	12.28	196	2150
	24 hr dwell	13.13	210	2300
Polycarbonate	20 min dwell	11.76	188	2060
	24 hr dwell	12.56	201	2200
Painted Steel	20 min dwell	11.02	176	1930
	24 hr dwell	11.65	186	2040
Rigid Polypropylene	20 min dwell	10.28	164	1800
	24 hr dwell	10.56	169	1850
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
SS	Initial	13.1	210	2300
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 500		
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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www.tapes.averydennison.com