

TECHNICAL DATA SHEET

Avery Dennison™ FT 21009

FEATURES

- Synthetic rubber adhesive
- Uniform adhesive thickness
- Flexible adhesive film
- Easy release liner

BENEFITS

- Suitable for the bonding of LSE materials
- Consistent application performance
- Good conformability to flat or curved surfaces
- Ensures rapid and easy removal at point of application



CONSTRUCTION

Liner: Havana colored paper liner

Adhesive: Permanent 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		2.56	0.065	65
Total Caliper		5.51	0.140	140
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	9.59	153	1680
	24 hr dwell	9.82	157	1720
Polycarbonate	20 min dwell	9.14	146	1600
	24 hr dwell	9.25	148	1620
Painted Steel	20 min dwell	9.48	152	1660
	24 hr dwell	9.59	153	1680
Rigid Polypropylene	20 min dwell	9.02	144	1580
	24 hr dwell	9.14	146	1600
Glass	24 hr dwell	8.45	135	1480
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	10.5	168	1840
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 800		
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