

TECHNICAL DATA SHEET

Avery Dennison™ FM 76056

FEATURES

- Specially formulated adhesive system
- Closed cell polyethylene foam carrier with high internal strength
- Medium release liner

BENEFITS

- Gives an immediate bond to a variety of plastic/metal substrates.
- Provides conformability to irregular surfaces as easy die cutting
- Enables easy conversion into pads and die-cut shapes as well as an easy removal at the point of application



CONSTRUCTION

Liner: Havana color glassine

Adhesive 1: Permanent elastomeric rubber adhesive

Carrier: A 1mm cross-linked, closed cell polyethylene foam

Adhesive 2: Permanent elastomeric rubber adhesive

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.15	0.08	80
Carrier & Adhesive		43.31	1.110	1110
Total Caliper		46.85	1.190	1190
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	4.28	69	750
	24 hr dwell	4.43	71	775
Painted Steel	20 min dwell	4.14	66	725
	24 hr dwell	4.57	73	800
Polycarbonate	20 min dwell	4.14	66	725
	24 hr dwell	4.43	71	775
Rigid Polypropylene	20 min dwell	4.14	66	725
	24 hr dwell	4.23	68	740
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel		> 10.000		
TEMPERATURES			°F	°C
Application (minimum)			41 °F	+5 °C
Service (continuous)			-40to 185 °F	-40 to +85 °C
Short term			203 °F	+95 °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