

TECHNICAL DATA SHEET

Avery Dennison™ FT 7376 is manufactured with a hotmelt high shear rubber adhesive system. Designed for polishing pad applications.

FEATURES

- Differential adhesive system
- Polyester carrier
- Balanced medium release liner

BENEFITS

- Perfect initial adhesion to various polishing materials due to the extremely high tack and shear adhesive properties on LS
- Excellent creep resistance with clean removability at MS
- Improves die-cutting characteristics and reinforces the polishing material
- Designed as a matrix strippable tape enabling easy liner removal at point of application



CONSTRUCTION

Liner: White glassine

Adhesive: Semi permanent rubber adhesive

Carrier: 12 micron transparent polyester film

Adhesive: Permanent rubber adhesive

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.15	0.080	80
Carrier & Adhesive		3.94	0.100	100
Total Caliper		7.17	0.182	180
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min MS	6.04	97	1060
	24 hr LS	12.26	196	2150
Polypropylene	20 min MS	5.36	86	940
	24 hr LS	11.23	180	1970
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	LS	13.85	222	2430
	MS	9.41	151	1650
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 2500		
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