

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 7387** is manufactured with a differential semi removable acrylic and permanent 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
- Improved 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 removable acrylic (MS)

**Carrier:** 12 micron transparent polyester film

**Adhesive:** Permanent rubber adhesive (LS)

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.31	0.084	84
Carrier & Adhesive		3.23	0.082	82
Total Caliper		6.54	0.166	166
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min LS	6.75	108	1180
	24 hr MS	2.68	43	470
Polycarbonate	20 min LS	14.99	240	2626
	24 hr MS	2.80	45	490
Painted Steel	20 min LS	14.28	228	2501
	24 hr MS	2.46	39	430
Rigid Polypropylene	20 min LS	13.04	209	2283
	24 hr MS	0.80	13	140
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	LS	11.19	179	1960
	MS	3.88	62	680
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm <sup>2</sup> ) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 3500		
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](http://www.tapes.averydennison.com)