

TECHNICAL DATA SHEET

Avery Dennison™ FT 7358 is manufactured with a differential 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 on 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: Differential adhesive system: removable acrylic (MS) and permanent rubber adhesive (LS)

Carrier: 12 micron transparent polyester film

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	6.74	108	1180
	24 hr MS	3.16	51	553
Polycarbonate	20 min LS	15.0	240	2626
	24 hr MS	3.84	61	673
Painted Steel	20 min LS	14.3	228	2501
	24 hr MS	3.90	62	683
Rigid Polypropylene	20 min LS	13.0	209	2283
	24 hr MS	2.28	36	399
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	LS	12.11	194	2120
	MS	4.11	66	720
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 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