

TECHNICAL DATA SHEET

Avery Dennison™ FT 7397 is a double coated, double lined tape with pure acrylic adhesive with 2 moisture stable liners

FEATURES

- Cross-linked acrylic adhesive
- Polyester carrier
- PPP liners

BENEFITS

- Provides excellent temperature performance, chemical, moisture and UV-light resistance and transparency
- Compatible with most graphical and conductive inks
- Excellent die-cutting properties
- Excellent lay-flat, perfectly suited for flat-bed die-cutting
- Excellent moisture stability
- printed liner indicating different sides (MS/LS)
- Low, but very stable release on both sides



CONSTRUCTION

Liner MS: White polyethylene coated paper

Adhesive: Cross-linked acrylic adhesive

Carrier: 12 micron clear polyester film

Adhesive: Cross-linked acrylic adhesive

Liner LS: White polyethylene protected paper



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner MS		4.80	0.122	122
Liner LS		4.92	0.125	125
Carrier & Adhesive		4.02	0.102	102
Total Caliper		13.74	0.349	349
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	3.48	56	610
	24 hr dwell	4.11	66	720
Polycarbonate	20 min dwell			
	24 hr dwell			
Painted Steel	20 min dwell	3.54	57	620
	24 hr dwell	4.45	71	780
Polypropylene	20 min dwell	2.91	47	510
	24 hr dwell	3.54	57	620
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	5.14	82	900
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 10.000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	+10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			392 °F	+200 °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