

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 7366** is a double coated polyester construction with a high adhesion modified acrylic adhesive for various bonding applications

### FEATURES

- Modified clear acrylic adhesive
- Clear adhesive
- Remoisturised liner
- Clear polyester carrier

### BENEFITS

- Offers high temperature and UV resistance
- Good adhesion to a lot of surfaces, also low energy surfaces
- High degree of transparency
- Good moisture and dimensional stability
- Very good handling and conversion (die-cutting) characteristics



### CONSTRUCTION

**Liner:** Havana (yellow/brown) colored glassine

**Adhesive:** Modified acrylic adhesive

**Carrier:** 12 micron transparent polyester film

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		2.91	0.074	74
Carrier & Adhesive		5.91	0.15	150
Total Caliper		8.82	0.224	224
<b>PEEL ADHESION (ASTM D3330)</b> 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	5.60	90	980
	24 hr dwell	5.94	95	1040
Polycarbonate	20 min dwell			
	24 hr dwell			
Painted Steel	20 min dwell			
	24 hr dwell			
Rigid Polypropylene	20 min dwell	3.06	58	630
	24 hr dwell	5.02	80	880
<b>LOOP TACK (ASTM D6195)</b> (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	10.28	164	1800
<b>DYNAMIC SHEAR (ASTM D- 1002)</b> 1"sq (6.25 cm <sup>2</sup> ) 2mm/min@ Room Temp				
SUBSTRATE		Lbf / in <sup>2</sup>		kPa
Stainless Steel	24 hr dwell	74		465
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			284 °F	140 °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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