

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 2179** is a transparent acrylic tape with Low Voc properties, good adhesion on PU foams and high resistance to UV, moisture and temperature. Ideal for automotive interior applications or applications requiring low emissions.

### FEATURES

- UV cured pure acrylic adhesive
- Thick easy release liner

### BENEFITS

- Optimum initial adhesion levels on substrates such as foams, fibers combined with high temperature and chemical resistance performance
- Eco-friendly manufacturing process without emissions
- Low fogging & VOC characteristic according to VDA 278 , ideal for interior applications
- Facilitates visual quality control of the end product
- Offers easy removal at point of application



### CONSTRUCTION

**Liner:** White glassine paper

**Adhesive:** Pure acrylic adhesive



Performance  
Tapes

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		4.09	0.104	104
Adhesive		2.36	0.060	60
Total Caliper		6.46	0.164	164
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	5.56	89	973
	24 hr dwell	5.66	91	992
Polycarbonate	20 min dwell	7.57	121	1326
	24 hr dwell	7.75	124	1357
Painted Steel	20 min dwell	8.03	129	1407
	24 hr dwell	8.20	131	1436
Rigid Polypropylene	20 min dwell	1.62	26	284
	24 hr dwell	2.32	37	407
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	6.57	105	1150
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm <sup>2</sup> ) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 3000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			175 °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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[www.tapes.averydennison.com](http://www.tapes.averydennison.com)