

## TECHNICAL DATA SHEET

### Avery Dennison™ FT 21056

#### FEATURES

- Innovative synthetic rubber adhesive
- Easy release liner

#### BENEFITS

- Excellent adhesion to curved surfaces as well as LSE substrates such as PP
- Optimum adhesion to un-clean surfaces in industrial environments such as greasy steel
- Increased internal strength allows heavy layer/high density foam usage
- High resistance to humidity/water
- Ideal adhesive for foam lamination
- Facilitates easy removal at point of application



#### CONSTRUCTION

**Liner:** Havana colored glassine

**Adhesive:** Permanent synthetic rubber adhesive

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		2.95	0.075	75
Adhesive		1.97	0.050	50
Total Caliper		4.92	0.125	125
<b>PEEL ADHESION (ASTM D3330)</b> 180° (12") 300 mm / min @ Room Temp				
<b>SUBSTRATE</b>		<b>Lbf / in</b>	<b>US Oz / In</b>	<b>N / Meter</b>
Stainless Steel	20 min dwell	7.57	121	1326
	24 hr dwell	7.57	121	1325
Polycarbonate	20 min dwell	6.28	100	1100
	24 hr dwell	6.51	104	1140
Painted Steel	20 min dwell	6.51	104	1140
	24 hr dwell	7.02	112	1230
Polypropylene	20 min dwell	7.05	113	1235
	24 hr dwell	7.07	113	1238
<b>LOOP TACK (ASTM D6195)</b> (12") 300 mm / min @ Room Temp				
<b>SUBSTRATE</b>		<b>Lbf / in</b>	<b>US Oz / In</b>	<b>N / Meter</b>
Glass	Initial	9.68	155	1695
<b>STATIC SHEAR (ASTM D3654)</b> 1"sq (6.25 cm <sup>2</sup> ) 1000 g @ Room Temp				
<b>SUBSTRATE</b>		<b>Min to Fail</b>		
Stainless Steel	Initial	> 10000		
<b>TEMPERATURES</b>			<b>°F</b>	<b>°C</b>
Minimum Application Temperature			41 °F	+5 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			194 °F	90 °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:

North America: +1 866 462 8379

Asia Pacific: +86 512 57155001

Europe: +32 (0)14 40 48 11

[www.tapes.averydennison.com](http://www.tapes.averydennison.com)