

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 7983** is a double coated scrim tape with a permanent synthetic rubber adhesive protected with a Havana colored glassine liner.

### FEATURES

- High coat-weight adhesive
- Extremely high tack adhesive
- Specially designed adhesive
- Glass fibre scrim carrier

### BENEFITS

- Good bonding to uneven surfaces
- Provides excellent initial adhesion to a wide variety of substrates
- Ideal for bonding to foamed rubbers and plastics used in the manufacture of industrial and domestic gaskets and weather seals
- High degree of resistance to volatile components of foamed rubbers and plastics
- Dimensional stable adhesive carrier



### CONSTRUCTION

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

**Adhesive 1:** Permanent synthetic rubber adhesive

**Carrier:** Glass fibre scrim

**Adhesive 2:** Permanent synthetic rubber adhesive

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		3.11	0.079	79
Carrier & Adhesive		5.67	0.144	144
Total Caliper		8.78	0.223	223
<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			
	24 hr dwell	13.13	210	2300
Painted Steel	20 min dwell			
	24 hr dwell	12.28	196	2150
Polypropylene	20 min dwell			
	24 hr dwell	11.70	187	2050
<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			
<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	6000		
<b>TEMPERATURES</b>			<b>°F</b>	<b>°C</b>
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			149 °F	65 °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)