



## FT 7700

Avery Dennison FT 7700 is a 120 micron double coated tissue tape with a modified acrylic adhesive specially designed for applications requiring high adhesion to medium-to-high end foam and fiber bonding in the automotive industry.

### FEATURES:

- Modified acrylic adhesive
- Tissue carrier
- Poly coated kraft release liner

### BENEFITS:

- Excellent adhesion to a variety of foam and fiber materials along with low surface energy substrates including PP, ABS and painted steel
- High temperature and humidity resistance
- Excellent conformability to irregular or curved surfaces
- Facilitates easy liner removal at point of application



### CONSTRUCTION:

#### Liner:

White PCK with Avery Dennison logo

#### Adhesive:

Modified Acrylic

#### Carrier:

Tissue

#### Adhesive:

Modified Acrylic

## FT 7700

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	4.7	0.12	120
Liner	4.3	0.11	110
Total	9.0	0.23	230

\*PSTC-133

### PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate	Lbf / in		N / 25mm	
	20 min	24 hr	20 min	24 hr
Stainless steel	4.6	5.2	20	23
Polypropylene	4.8	5.2	21	23

\*PSTC-101, ASTM D-3330, STD-10

### LOOP TACK

2 mil PET; 90°; 20" / min; 1" sq (6.5 cm<sup>2</sup>)

Substrate	Lbf / in		N / 25mm	
Stainless steel	8.7		38	

\*PSTC-16, STD-7

### STATIC SHEAR

Foil; 1" sq (6.5 cm<sup>2</sup>); 1000 g

#### Min to Fail

> 10,000

\*PSTC-107, ASTM D 3654, STD-9

### TEMPERATURES

Min. Application Temp.	50 ° F	10 ° C
Max. Continuous Operating Temp.	248 ° F	120 ° C
Max. Intermittent Operating Temp.	266 ° F	130 ° C

\*TEST METHODS

Note: The listed values are typical only and not intended to serve as product specifications

## APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

## STORAGE AND SHELF LIFE

The shelf life of the product is one year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, in original packaging.

Please refer to [Tapes.AveryDennison.com](http://Tapes.AveryDennison.com) for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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