

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 7700WN** 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 PE coated paper

**Adhesive 1:** Modified Acrylic

**Carrier:** Tissue

**Adhesive 2:** Modified Acrylic

**Adhesive Properties**

**Typical Values**

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		4.3	0.11	110
Carrier & Adhesive		4.7	0.12	120
Total Caliper		9.0	0.23	230
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	4.6	73	800
	24 hr dwell	5.2	84	920
Polypropylene	20 min dwell	4.6	73	800
	24 hr dwell	5.2	84	920
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	Initial	8.6	137	1500
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Foil; 1" sq (6.5 cm²); 1000 g	Initial	> 10000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	+10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			248 °F	+120 °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

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**Europe:** +32 (0)14 40 48 11

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