

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 7772** is a double coated nonwoven tape with a dispersion-based modified acrylic adhesive used for bonding polyurethane foam, polyester fibers, felts and fabrics to a wide variety of substrates. Provides high adhesion to medium and low surface energy materials such as PP, PE, TPO, ABS, PVC, polystyrene and painted metals. Ideal for general purpose foam bonding applications such as gaskets, sound deadening and insulation materials in automotive, building and construction, appliance assembly and general industrial sub-assembly.

### FEATURES

- Dispersion-based modified acrylic adhesive
- APEO free adhesive
- High initial tack
- Thick easy release glassine liner
- Broad range of service temperatures
- Nonwoven carrier

### BENEFITS

- Excellent resistance to solvents, chemicals, plasticizers, temperature and UV light
- Medium resistance to moisture
- Good conformability to flat or curved surfaces
- Immediate initial adhesion for part placement
- Excellent water jet and die cutting characteristics
- Good tear resistance



### CONSTRUCTION

**Liner:** White glassine liner

**Adhesive 1:** Dispersion-based modified acrylic

**Carrier:** Nonwoven

**Adhesive 2:** Dispersion-based modified acrylic



Performance  
Tapes

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.94	0.100	100
Carrier & Adhesive		4.53	0.115	115
Total Caliper		8.46	0.215	215
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	72 hr dwell	7.99	128	1400
ABS	72 hr dwell	7.42	119	1300
Polypropylene	72 hr dwell	6.85	110	1200
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	6.28	100	1100
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			266 °F	130 °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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