

## TECHNICAL DATA SHEET

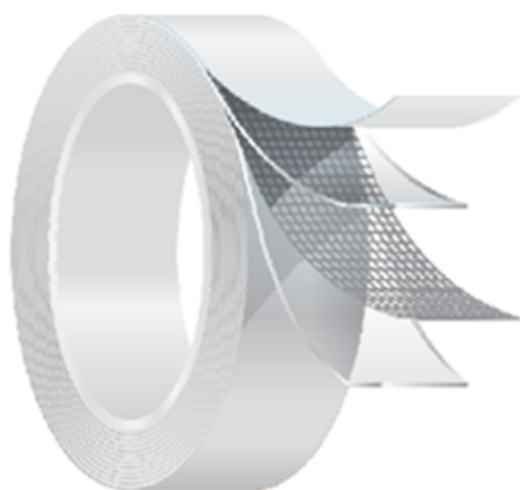
**Avery Dennison™ FT 7958** is a double coated scrim tape with a dispersion-based modified acrylic adhesive used for bonding polyurethane foam, polyester fibers, felts and fabrics to a wide variety of substrates. Provides high adhesion to medium and low surface energy materials such as PP, PE, TPO, ABS, 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
- Easy release OPP film liner
- Broad range of service temperatures
- Polyester scrim reinforcement

### 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
- Helps provide tear resistance



### CONSTRUCTION

**Liner:** White OPP film liner

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

**Carrier:** Polyester scrim

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



Performance  
Tapes

**Adhesive Properties****Typical Values**

<b>THICKNESS (ASTM D3652)</b>	<b>US Mils</b>	<b>MM's</b>	<b>Micron's (µm)</b>
Liner	2.36	0.060	60
Adhesive + Carrier	3.54	0.090	90
<b>Total Caliper</b>	<b>5.91</b>	<b>0.150</b>	<b>150</b>
<b>PEEL ADHESION (ASTM D3330)</b> 180° (12") 300 mm / min @ Room Temp			
<b>SUBSTRATE</b>		<b>Lbf / in</b>	<b>N / Meter</b>
Stainless Steel	72 hr dwell	7.42	1300
ABS	72 hr dwell	6.85	1200
Polypropylene	72 hr dwell)	6.28	1100
<b>LOOP TACK (ASTM D6195)</b> (12") 300 mm / min @ Room Temp			
<b>SUBSTRATE</b>		<b>Lbf / in</b>	<b>N / Meter</b>
Glass		5.14	900
<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		266 °F	130 °C

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 / SHELF LIFE**

One year 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)