Avery Dennison FT 7951 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 glassine 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:
Havana (yellow/brown) glassine liner

Adhesive:
Dispersion-based modified acrylic

Carrier:
Polyester scrim

Adhesive:
Dispersion-based modified acrylic
FT 7951

### Adhesive Properties

<table>
<thead>
<tr>
<th>Thickness</th>
<th>US Mils</th>
<th>mm</th>
<th>Microns (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive + Carrier</td>
<td>3.54</td>
<td>0.090</td>
<td>80+10</td>
</tr>
<tr>
<td>Liner</td>
<td>2.64</td>
<td>0.067</td>
<td>67</td>
</tr>
<tr>
<td>Total</td>
<td>6.18</td>
<td>0.157</td>
<td>157</td>
</tr>
</tbody>
</table>

*PSTC-133

### Peel Adhesion

2 mil PET; 180°; 12" / min

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Lbf / in</th>
<th>N / Meter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless steel</td>
<td>7.42</td>
<td>1300</td>
</tr>
<tr>
<td>ABS</td>
<td>6.85</td>
<td>1200</td>
</tr>
<tr>
<td>Polypropylene</td>
<td>6.28</td>
<td>1100</td>
</tr>
</tbody>
</table>

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

### Loop Tack

2 mil PET; 90°; 20" / min; 1" sq (6.5 cm²)

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Lbf / in</th>
<th>N / Meter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless steel</td>
<td>5.14</td>
<td>900</td>
</tr>
<tr>
<td>Finat tack</td>
<td>5.14</td>
<td>900</td>
</tr>
</tbody>
</table>

*PSTC-16, STD-7

### Temperatures

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>50°F</td>
<td>-40°F</td>
<td>310°F</td>
</tr>
</tbody>
</table>

*PSTC-16, ASTM D-3330, STD-7

### 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.