



## FT 7231

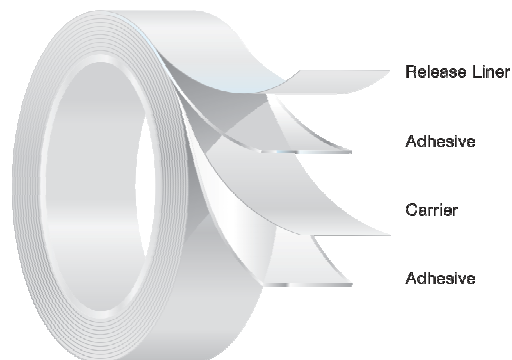
Avery Dennison FT 7231 is a double coated tissue tape with a dispersion-based modified acrylic adhesive used for bonding polyurethane foam, polyester fibers, felts and fabrics to a wide variety of substrates. Provides high adhesion to medium and low surface energy materials such as PP, PE, TPO, ABS, 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
- Tissue 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
- Helps prevent elongation when laminated to soft/stretchable foams
- Allows hand tearing of tape



### CONSTRUCTION:

#### Liner:

Havana (yellow/brown) glassine liner

#### Adhesive:

Dispersion-based modified acrylic

#### Carrier:

Tissue

#### Adhesive:

Dispersion-based modified acrylic

**FT 7231**

| Adhesive Properties | Typical Values |       |              |
|---------------------|----------------|-------|--------------|
|                     | US Mils        | mm    | Microns (µm) |
| <b>THICKNESS</b>    |                |       |              |
| Adhesive + Carrier  | 4.53           | 0.115 | 105+10       |
| Liner               | 2.64           | 0.067 | 67           |
| Total               | 7.17           | 0.182 | 182          |

\*PSTC-133

**PEEL ADHESION**

2 mil PET; 180°; 12" / min

| Substrate       | Lbf / in | N / Meter |
|-----------------|----------|-----------|
|                 | 72 hr    | 72 hr     |
| Stainless steel | 7.99     | 1400      |
| ABS             | 7.42     | 1300      |
| Polypropylene   | 6.85     | 1200      |

\*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 / Meter |
|-----------------|----------|-----------|
| Stainless steel | 6.28     | 1100      |
| Finat tack      | 6.28     | 1100      |

\*PSTC-16, STD-7

**TEMPERATURES**

|                        |       |       |
|------------------------|-------|-------|
| Min. Application Temp. | 50°F  | 10°C  |
| Min. Service Temp.     | -40°F | -40°C |
| Max. Service Temp.     | 310°F | 155°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 two years 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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Tapes

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