



## FT 7401

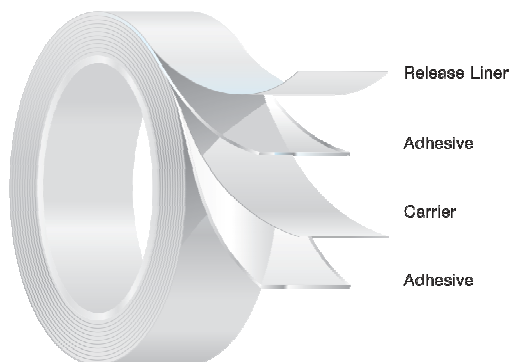
Avery Dennison FT 7401 is a double coated PET film tape with a modified solvent acrylic adhesive used for applications where a strong bond and a high resistance are required. The high coat weight construction combined with a tear resistant carrier and liner create a versatile application field for this product, focused on mounting applications.

### FEATURES:

- Modified acrylic adhesive
- Clear adhesive
- Clear polyester carrier
- Red polypropylene liner

### BENEFITS:

- Offers high temperature and UV resistance
- Good adhesion to a variety of surfaces, also low energy surfaces
- High degree of transparency
- Good moisture and dimensional stability
- Very good handling and conversion (die-cutting) characteristics



### CONSTRUCTION:

#### Liner:

Red oriented polypropylene

#### Adhesive:

Modified solvent acrylic

#### Carrier:

Transparent polyester film 12µm

#### Adhesive:

Modified solvent acrylic

## FT 7401

| Adhesive Properties                                     | Typical Values  |                    |              |
|---|-----------------|--------------------|--------------|
|   | US Mils         | mm                 | Microns (µm) |
| <b>THICKNESS</b>  |                 |                    |              |
| Adhesive + Carrier                                      | 7.95            | 0.202              | 202          |
| Liner   | 3.15            | 0.080              | 80           |
| Total   | 11.10           | 0.282              | 282          |
| *PSTC-133   |                 |                    |              |
| <b>PEEL ADHESION</b>                                    |                 |                    |              |
| 2 mil PET; 180°; 12" / min                              |                 |                    |              |
| <b>Substrate</b>  | <b>Lbf / in</b> | <b>N / Meter</b>   |              |
|   | 72 hr           | 72 hr              |              |
| Stainless steel   | 6.9             | 1200               |              |
| ABS   | 6.6             | 1150               |              |
| Polypropylene   | 5.5             | 960                |              |
| *PSTC-101, ASTM D-3330, STD-10                          |                 |                    |              |
| <b>LOOP TACK</b>  |                 |                    |              |
| 2 mil PET; 90°; 20" / min; 1" sq (6.5 cm <sup>2</sup> ) |                 |                    |              |
| <b>Substrate</b>  | <b>Lbf / in</b> | <b>N / Meter</b>   |              |
| Stainless steel   | 10.3            | 1800               |              |
| *PSTC-16, STD-7   |                 |                    |              |
| <b>STATIC SHEAR</b>                                     |                 | <b>Min to Fail</b> |              |
| Foil; 1" sq (6.5 cm <sup>2</sup> ); 1000 g              |                 | 3000               |              |
| *PSTC-107, ASTM D 3654, STD-9                           |                 |                    |              |
| <b>TEMPERATURES</b>                                     |                 |                    |              |
| Min. Application Temp.                                  | 50°F            | 10°C               |              |
| Max. Continuous Operating Temp.                         | 266°F           | 130°C              |              |
| Max. Intermittent Operating Temp.                       | 329°F           | 165°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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Performance  
Tapes

**Asia Pacific**  
Kunshan, China,  
NO. 618 Nanhe Road  
Kunshan Economic &  
Technological Zone  
China, 215335  
Phone: +86 512 57155001  
Fax: +86 512 57155059

**Europe**  
Tieblokkenlaan 1  
B-2300 Turnhout  
Belgium  
Phone: +32 (0)14 40 48 11  
Fax: +32 (0)14 40 48 55

**Europe**  
Bld J.F. Kennedy 1  
7060 Soignies  
Belgium  
Phone: +32 (0)14 40 48 11  
Fax: +32 (0)14 40 48 55

**North America**  
250 Chester Street  
Painesville, Ohio  
44077 USA  
Phone: +1 866-462-8379  
Fax: +1 888-358-4469