



## FT 7025

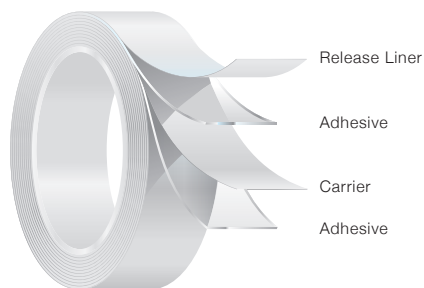
FT 7025 is designed for general purpose electronic and graphic applications involving membrane switch assemblies, keypads, labels and nameplates.

### FEATURES:

- Good general bonding properties
- Good temperature and UV resistance
- Good adhesion to LSE materials
- Opacity saves additional printing steps

### BENEFITS:

- General purpose, moisture stable liner
- Improved die-cutting characteristics
- Excellent dimensional stability
- Suited for spacer applications



### CONSTRUCTION:

#### Adhesive:

Modified Acrylic

#### Carrier:

White Opaque Polyester

#### Adhesive:

Modified Acrylic

#### Liner:

WSF

**FT 7025**

| Physical Properties | Typical Values |      |
|---------------------|----------------|------|
| THICKNESS           | US Mils        | MM's |
| Adhesive            | 1.4            | 0.04 |
| Carrier             | 2.0            | 0.05 |
| Adhesive            | 1.4            | 0.04 |
| Liner               | 4.9            | 0.13 |
| Total               | 9.8            | 0.25 |

\*PSTC-133

**PEEL ADHESION**

2 mil PET 180° 12" min

| Substrate     | Dwell Side    | Lbf / in | US Oz / in | N / Meter |
|---------------|---------------|----------|------------|-----------|
| SS            | 24 hr Liner   | 4.5      | 71         | 780       |
|               | 20 min Unwind | 4.3      | 69         | 750       |
| Painted Steel | Liner         | 5.3      | 84         | 920       |
|               | 20 min Unwind | 4.3      | 69         | 860       |
| Polycarbonate | Liner         | 5.6      | 90         | 980       |
|               | 20 min Unwind | 4.7      | 75         | 820       |
| PP            | Liner         | 4.3      | 69         | 760       |
|               | 20 min Unwind | 3.4      | 55         | 600       |

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

**TENSILE**

Product

| Substrate | Direction | N / mm <sup>2</sup> |
|-----------|-----------|---------------------|
| Product   | MD        | 140                 |
|           | CD        | 230                 |

**ELONGATION**

Product

| Substrate | Direction | N / mm <sup>2</sup> |
|-----------|-----------|---------------------|
| Product   | MD        | 160                 |
|           | CD        | 80                  |

**LOOP TACK**

2 mil PET 20" min

| Substrate | Test Side | Lbf / in | US Oz / in | N / Meter |
|-----------|-----------|----------|------------|-----------|
| SS        | Liner     | 5.1      | 82         | 900       |
|           | Unwind    | 5.1      | 82         | 900       |

\*PSTC-16, STD-7

**LOOP TACK**

2 mil PET 20" min

| Substrate | Test Side | Min to Fail |
|-----------|-----------|-------------|
| SS        | Liner     | > 10,000    |
|           | Unwind    | > 10,000    |

\*PSTC-107, ASTM D 3654, STD-9

**TEMPERATURES**

|                                 |       |       |
|---------------------------------|-------|-------|
| Min Application Temp            | 50°F  | 10°C  |
| Max Continuous Operating Temp   | 185°F | 85°C  |
| Max Intermittent Operating Temp | 284°F | 140°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.

© 2012 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. Avery™, AFB™ and all other Avery Dennison brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison Corporation.



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

**South America**

Rua Francisco Foga, 225  
13280-000 Vinhedo  
SP Brazil  
Phone: +55 19 3876 7736  
Fax: +55 19 3876 7682

**North America**

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

For more information on our bonding tapes and adhesive solutions, visit [Tapes.AveryDennison.com](http://Tapes.AveryDennison.com)