



## FT 7425

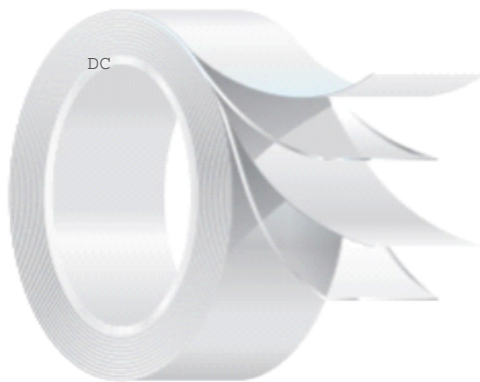
Avery Dennison™ FT 7425 is a double coated white polypropylene film tape specifically designed for bonding automotive mirrors to mirror housings where good adhesion, heat resistance, environmental resistance, gap filling and shatter resistance are important.

### FEATURES

- Strong conformable film carrier
- Very aggressive, strong permanent acrylic adhesive
- Polyethylene coated release liner

### BENEFITS

- Provides conformability to irregular surfaces as well as easy die cutting
- Good moisture and dimensional stability
- Excellent resistance to solvents, chemicals, moisture, temperature and ultra violet light
- Enables easy conversion into pads and die cut shapes as well as an easy removal at the point of application



### CONSTRUCTION:

#### Liner:

White Poly-coated Kraft

#### Adhesive 1:

Modified Acrylic

#### Carrier:

White Polypropylene

#### Adhesive 2:

Modified Acrylic

**FT 7425**

**Adhesive Properties:**

Thickness	ASTM D3652	Typical Values		
		US Mils	MM's	Micron's (µm)
Liner		4.7	0.12	119
Adhesive 1 - Liner		2.5	0.06	64
Carrier		4.7	0.12	119
Adhesive 2 - Unwind		2.5	0.06	64
Total Caliper without Liner:		9.7	0.25	246
Total Caliper:		14.4	0.37	366

**Peel Adhesion** ASTM D3330

180° 12 in (305 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	20 min dwell	6.4	1,127
		24 hr dwell	6.9	1,215
ABS	Liner	20 min dwell	8.0	1,409
		24 hr dwell	9.1	1,603
Polycarbonate	Liner	20 min dwell	9.1	1,603
		24 hr dwell	11.4	2,008
PP	Liner	20 min dwell	6.9	1,215

**Dynamic Shear** ASTM D1002

180° 2 in (50.8 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	24 hr dwell	80.0	14,088

**Static Shear** ASTM D3654

180° 1" sq (6.5 cm<sup>2</sup>) 2500 g @ Room Temp

Substrate			Mins to Fail
SS	Liner	Initial	> 10,000
		Unwind	> 10,000

**Tensile Elongation** ASTM D882

180° 0.5 in (12.7 mm) / min

Substrate			Lbf / In	N / Meter
Product	Tensile	Machine Direction	17.1	3,011
		Elong %	600 %	600 %

**TEMPERATURES**

	° F	° C
Minimum Application Temperature	50° F	10° C
Maximum Continuous Operating Temperature	248° F	120° C
Maximum Intermittent Operating Temperature	266° F	130° C

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

**APPLICATION TECHNIQUES**

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

**STORAGE / SHELF LIFE**

- Two years when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

Please refer to 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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