

## TECHNICAL DATA SHEET

Avery Dennison™ FT 125 is a 90µm modified acrylic transfer tape that provides high adhesion to a variety of substrates (including low surface energy plastics), excellent resistance to UV light and high temperatures and easy unwind and liner removal. FT 125 is designed for use in security, automotive, label and foam and fiber bonding applications. FT 125 SA has a glassine natural liner with recycled content, reducing the ecological footprint, contributing to CO<sub>2</sub> reduction.

### FEATURES

- Easy release, glassine, natural release liner with recycled content:
  - 15% PCR fibres “Post Consumer Recycled Content”
  - Remaining virgin fibres are unbleached
  - No dyes added, providing a natural color
  - Less chemicals in production & recycling
  - 88 gsm natural glassine liner Uniform adhesive thickness
- Uniform adhesive thickness
- Flexible adhesive film
- Cross-linked highly engineered acrylic adhesive
- High initial tack

### BENEFITS

- Ensures an immediate initial adhesion
- Consistent application performance
- Good conformability to flat or curved surfaces
- Excellent resistance to solvents, chemicals, plasticizers, moisture, temperature and UV-light
- Facilitates easy removal at point of application
- Reduced environmental impact



### CONSTRUCTION

**Liner:** Glassine natural liner with recycled content

**Adhesive:** Modified acrylic



Performance  
Tapes

**Adhesive Properties**

**Typical Values**

THICKNESS (ASTM D3652)		US MILS	MM's	MICRON'S (µm)
Liner		3.0	0.08	76
Adhesive		3.5	0.09	89
Total Caliper		6.5	0.17	165
<b>PEEL ADHESION (ASTM D3330)</b>				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	6.4	102	1121
	24 hr dwell	6.9	110	1199
Polycarbonate	20 min dwell	6.4	102	1121
	24 hr dwell	6.6	105	1150
Painted Steel	20 min dwell	6.2	100	1089
	24 hr dwell	7.1	113	1240
Polypropylene	20 min dwell	2.9	47	510
	24 hr dwell	3.4	55	601
<b>LOOP TACK (ASTM D6195)</b>				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	9.7	155	1700
<b>STATIC SHEAR (ASTM D3654)</b>				
1"sq (6.25 cm <sup>2</sup> ) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 2,000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			284 °F	140 °C

Note: The listed values are typical only 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.



**Sustainable ADVantage**

Our flagship products and solutions portfolio Sustainable ADVantage helps to set the benchmark for innovation, sustainability and regeneration across the entire supply chain.

For more information on our bonding tapes and adhesive solutions, call us:

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