

TECHNICAL DATA SHEET

Avery Dennison™ FT 7025 is a double coated white pet construction with a high adhesion acrylic ideal for graphical and spacer applications.

FEATURES

- Modified acrylic adhesive
- White carrier
- Polyester carrier
- Controlled adhesive thickness
- Very smooth adhesive layer
- PPP liner

BENEFITS

- Offers good general bonding properties, temperature and UV resistance, combined with a good adhesion to LSE substrates
- Good blocking out characteristics, opacity saves additional subsurface printing step
- Excellent dimensional stability
- Suited for spacer applications
- Very flat surface appearance of the total laminate
- General purpose, moisture stable liner, with proven good performance in all types of cutting processes



CONSTRUCTION

Liner: White polyethylene protected paper

Adhesive: Modified acrylic adhesive typified by a high tack, adhesion, shear resistance and a good temperature resistance

Carrier: 50 micron high brightness white opaque polyester film



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		4.92	0.125	125
Carrier & Adhesive		4.92	0.125	125
Total Caliper		9.84	0.250	250
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	4.28	69	750
	24 hr dwell	4.45	71	780
Polycarbonate	20 min dwell	4.68	75	820
	24 hr dwell	5.60	90	980
Painted Steel	20 min dwell	4.91	79	860
	24 hr dwell	5.25	84	920
Rigid Polypropylene	20 min dwell	3.43	55	600
	24 hr dwell	4.34	69	760
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	4.57	73	800
DYNAMIC SHEAR (ASTM D- 1002) 1"sq (6.25 cm ²) 2mm / min @ Room Temp				
SUBSTRATE		Lbf / in ²		kPa
Stainless Steel	Initial	74		589
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.

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

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