

TECHNICAL DATA SHEET

Avery Dennison™ FT 7349

FEATURES

- UV cured pure acrylic adhesive
- Blue-green easy release liner
- Strong plastic carrier

BENEFITS

- Optimum initial adhesion levels on substrates such as foams, fibers combined with high temperature and chemical resistance performance
- Eco-friendly manufacturing process without emissions
- Low fogging characteristic, ideal for interior applications
- Facilitates visual quality control of the end product
- Offers easy removal at point of application
- Improves die-cutting characteristics and reinforces flexible substrates



CONSTRUCTION

Liner: Blue-green supercalendered glassine

Adhesive: Ecological acrylic adhesive

Carrier: 12 micron transparent polyester film



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		3.35	0.09	85
Carrier & Adhesive		3.62	0.09	92
Total Caliper		6.97	0.18	177
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	3.20	51	560
	24 hr dwell	3.45	55	605
Polycarbonate	20 min dwell	3.96	63	694
	24 hr dwell	4.27	68	748
Painted Steel	20 min dwell	2.93	47	513
	24 hr dwell	3.62	58	634
Rigid Polypropylene	20 min dwell	1.78	28	311
	24 hr dwell	1.88	30	330
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	5.48	88	960
DYNAMIC SHEAR (ASTM D 1002) 6.25 cm ² (1"sq) 2mm / min @ Room Temp				
SUBSTRATE			kPa	
Aluminium	24hrs dwell		357	
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			302 °F	150 °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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www.tapes.averydennison.com