

TECHNICAL DATA SHEET

Avery Dennison™ FT 21011 is a transparent acrylic tape with Low Voc properties, good adhesion on PU foams and high resistance to UV, moisture and temperature. Ideal for automotive interior applications or applications requiring low emissions.

FEATURES

- UV cured pure acrylic adhesive
- Blue-green easy release liner

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



CONSTRUCTION

Liner: Blue-green glassine paper

Adhesive: Permanent acrylic adhesive

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.35	0.085	85
Adhesive		2.36	0.060	60
Total Caliper		5.71	0.145	145
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	4.47	71	782
	24 hr dwell	5.60	90	980
Polycarbonate	20 min dwell	6.12	98	1071
	24 hr dwell	6.10	98	1068
Painted Steel	20 min dwell	5.88	94	1030
	24 hr dwell	6.02	96	1054
Rigid Polypropylene	20 min dwell	2.00	32	350
	24 hr dwell	2.41	39	422
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	6.3	100	1098
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 3500		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			175 °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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