

TECHNICAL DATA SHEET

Avery Dennison™ FT 7961 is a double coated scrim tape with a UV-cured acrylic adhesive protected with a Havana colored glassine liner.

FEATURES

- UV cured pure acrylic adhesive
- Scrim carrier
- 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
- Offers dimensional stability to low density PU foam substrates



CONSTRUCTION

Liner: Havana Glassine

Adhesive 1: Acrylic

Carrier: Polyester Scrim

Adhesive 2: Acrylic



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US MILs	MM's	Micron's (µm)
Liner		3.1	0.08	
Carrier and Adhesives		3.1	0.08	
Total Caliper		6.2	0.16	
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	4.9	78	849
	24 hr dwell	5.1	82	900
Polycarbonate	20 min dwell	5.5	88	960
	24 hr dwell	5.7	91	1000
Painted Steel	20 min dwell	5.7	91	1000
	24 hr dwell	6.0	96	1051
Polypropylene	20 min dwell	2.3	36	399
	24 hr dwell	3.0	48	520
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	Initial	2.9	46	501
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 2,100		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Continuous Operating Temp			248 °F	120 °C
Maximum Intermittent Operating Temp			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:

North America: +1 866 462 8379

Asia Pacific: +86 512 57155001

Europe: +32 (0)14 40 48 11

www.tapes.averydennison.com