

TECHNICAL DATA SHEET

Avery Dennison™ FT 660 is a double coated scrim tape coming with a high coat weight adhesive and a glass fiber scrim/polyester film laminate. With its consistent application performance on both adhesive sides it is ideal for bonding to foamed rubbers and plastics used in the manufacture of industrial and domestic gaskets and weather seals.

FEATURES

- High coat-weight adhesive
- Differential adhesive coat-weight
- Specially designed adhesive
- Glass fiber scrim / polyester film laminate

BENEFITS

- Good bonding to uneven surfaces
- Consistent application performance for both adhesive sides
- Ideal for bonding to foamed rubbers and plastics used in the manufacture of industrial and domestic gaskets and weather seals
- Imparts a high degree of resistance to volatile components of foamed rubbers and plastics
- Dimensional stable adhesive carrier meeting
- Swedish standard MTK/SS 81 81 34
- Film laminate acts as an extra safety barrier against migration of volatile components deteriorating the bonding performance



CONSTRUCTION

Liner: Blue-green glassine

Adhesive 1: Synthetic rubber adhesive

Carrier: Glass fiber scrim / polyester film laminate

Adhesive 2: Synthetic rubber adhesive



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		3.2	0.080	80
Carrier & Adhesive		7.3	0.185	185
Total Caliper		10.5	0.265	265
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell			
	72 hr dwell	5.1	82	900
Polycarbonate	20 min dwell			
	72 hr dwell	4.7	76	830
Painted Steel	20 min dwell			
	72 hr dwell	3.0	48	530
Rigid Polypropylene	20 min dwell			
	72 hr dwell	3.2	52	570
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Finat tack	Initial	4.7	75	820
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> xxx		
TEMPERATURES		°F	°C	
Minimum Application Temperature		50 °F	10 °C	
Minimum Service Temperature		-40 °F	-40 °C	
Maximum Service Temperature		158 °F	70 °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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