

TECHNICAL DATA SHEET

Avery Dennison™ FT Y6663 is a double coated scrim tape with a hotmelt rubber adhesive. The high coating weight construction, specially designed high tack adhesive combined with a polyester scrim reinforcement is designed for bonding to (foamed) rubbers and plastics used in gaskets and weather seals. Typical performance designed for foamed EPDM-profiles.

FEATURES

- Extremely high tack adhesive
- High coat-weight adhesive
- Specially designed adhesive
- Polyester scrim reinforcement
- Easy release glassine liner

BENEFITS

- Provides a high initial tack and excellent adhesion over time to a wide variety of substrates
- Good bonding to uneven surfaces
- Ideal for bonding to foamed rubbers and plastics used in industrial and domestic gaskets and weather strips
- Imparts a high degree of resistance to volatile components of foamed rubbers and plastics
- Provides an excellent balance between strength and flexibility
- Excellent water jet and die cutting characteristics



CONSTRUCTION

Liner: Havana (yellow/brown) glassine

Adhesive 1: Hot melt rubber

Carrier: Polyester scrim 8x2

Adhesive 2: Hot melt rubber



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		2.95	0.075	75
Carrier & Adhesive		8.66	0.220	220
Total Caliper		11.61	0.295	295
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	14	228	2500
	24 hr dwell	15	238	2600
Polypropylene	20 min dwell	11	183	2000
	24 hr dwell	12	192	2100
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	Initial	14	219	2400
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Foil; 1" sq (6.5 cm ²); 1000 g	Initial	> 900		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Maximum Continuous Operating Temperature			149 °F	65 °C
Maximum Intermittent Operating 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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