

TECHNICAL DATA SHEET

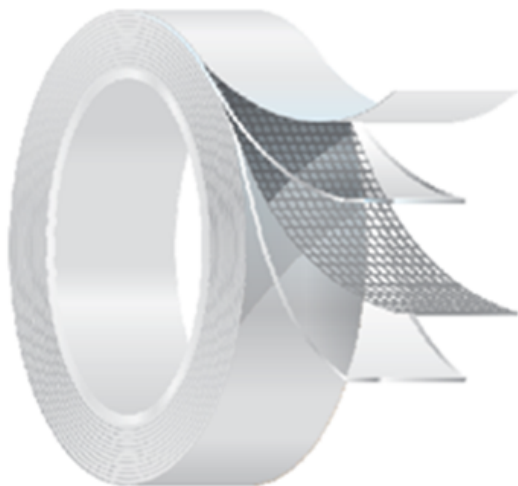
Avery Dennison™ FT 666 SA is a double coated scrim tape with a hot melt rubber adhesive. The high coatweight construction, specially designed high tack and plasticizer resistant adhesive combined with a polyester scrim reinforcement is designed for bonding to (foamed) rubbers and plastics used in gaskets and weather seals. Typical performance designed for foamed EPDM-profiles. FT 666 SA has a glassine natural liner with recycled content, reducing the ecological footprint, contributing to CO₂ reduction.

FEATURES

- Easy release, glassine, natural release liner with recycled content:
 - 15% PCR fibres “Post Consumer Recycled Content”
 - Remaining virgin fibres are unbleached
 - No dyes added, providing a natural color
 - Less chemicals in production & recycling
 - 88 gsm natural glassine liner
- Extremely high tack adhesive
- High coat-weight adhesive
- Specially designed adhesive
- Polyester scrim reinforcement
- Provides a high initial tack and excellent adhesion over time to a wide variety of substrates

BENEFITS

- 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 and plasticizers of foamed rubbers and plastics
- Provides an excellent balance between strength and flexibility
- Excellent water jet and die cutting characteristics
- Reduced environmental impact



CONSTRUCTION

Liner: Glassine natural liner with recycled content

Adhesive 1: Hot melt rubber

Carrier: Polyester scrim 8x2

Adhesive 2: Hot melt rubber

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)	US Mil's	MM's	Micron's (µm)
Liner	2.95	0.075	75
Adhesive + Carrier	7.09	0.180	180
Total Caliper	10.04	0.255	255
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp			
SUBSTRATE		Lbf / in	N / Meter
Stainless Steel	20 min dwell	14	2500
	24 hr dwell	15	2600
Polypropylene	20 min dwell	11	2000
	24 hr dwell	12	2100
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp			
SUBSTRATE		Lbf / in	N / Meter
Glass		15	2600
STATIC SHEAR (ASTM D3654)		Min to Fail	
1"sq (6.25 cm ²) 1000 g @ Room Temp		> 900	
TEMPERATURES		°F	°C
Minimum Application Temperature		50 °F	10 °C
Minimum Service Temperature		-40 °F	-40 °C
Maximum Service Temperature		167 °F	75 °C

Note: The listed values are typical only and not intended to serve as product specifications

APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / 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.



Sustainable ADvantage

Our flagship products and solutions portfolio Sustainable ADvantage helps to set the benchmark for innovation, sustainability and regeneration across the entire supply chain.

For more information on our bonding tapes and adhesive solutions, call us:

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