



FT 666

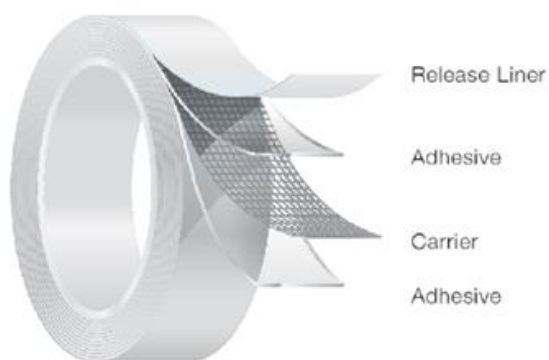
Avery Dennison FT 666 is a double coated scrim tape with a hot melt rubber adhesive. The high coatweight construction, special designed high tack and plasticizer resistant adhesive combined with a polyester scrim reinforcement is designed for bonding to (foamed) rubbers and plastics used in gaskets and weather seals. Typical performance designed for foamed EPDM-profiles.

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 and plasticizers 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:

Hot melt rubber

Carrier:

Polyester scrim 8x2

Adhesive:

Hot melt rubber

FT 666

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	7.09	0.180	180
Liner	2.95	0.075	75
Total	10.04	0.255	255

*PSTC-133

PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate	Lbf / in		N / Meter	
	20 min	24 hr	20 min	24 hr
Stainless steel	14	15	2500	2600
ABS				
Polypropylene	11	12	2000	2100

*PSTC-101, ASTM D-3330, STD-10

LOOP TACK2 mil PET; 90°; 20" / min; 1" sq (6.5 cm²)

Substrate	Lbf / in		N / Meter	
	20 min	24 hr	20 min	24 hr
Stainless steel	15		2600	
Finat tack				

*PSTC-16, STD-7

STATIC SHEARFoil; 1" sq (6.5 cm²); 1000 g**Min to Fail**

> 900

*PSTC-107, ASTM D 3654, STD-9

TEMPERATURES

Min. Application Temp.	50°F	10°C
Max. Continuous Operating Temp.	149°F	65°C
Max. Intermittent Operating Temp.	158°F	70°C

*TEST METHODS

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 AND SHELF LIFE

The shelf life of the product is two years when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, in original packaging.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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