



FL 347

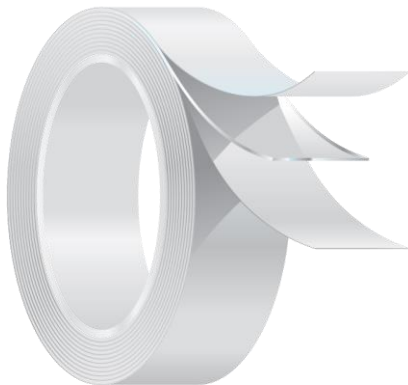
Avery Dennison FL 347 is a single coated aluminium foil tape with a dispersion acrylic adhesive used for sealing ventilation, air conditioning systems, heat and light reflectors, joining and sealing applications and electromagnetic shielding of appliances.

FEATURES:

- Dead soft aluminium foil
- Dispersion acrylic adhesive
- Easy release glassine liner

BENEFITS:

- High tack and adhesion properties for average temperature applications
- Medium resistance to moisture and plasticizers
- High shear resistance
- High resistance to temperature, solvents and UV light
- FL 347 has been tested in accordance with the class definition in BS 476: 1971. The specimen tested is classified as Class 1 (ONE)



CONSTRUCTION:

Facestock:

Aluminium foil 30µm

Adhesive:

Modified dispersion acrylic

Liner:

Havana (yellow/brown) glassine

FL 347

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Facestock	2.56	0.065	65
Liner	2.20	0.056	56
Total	4.76	0.121	121

*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	3.4	4.6	600	800

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

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

Substrate	Lbf / in		N / Meter	
	Stainless steel	3.4		
Final tack			600	

*PSTC-16, STD-7

STATIC SHEARFoil; 1" sq (6.5 cm²); 1000 g

STATIC SHEAR	Min to Fail	
Foil; 1" sq (6.5 cm ²); 1000 g	>200	

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

TEMPERATURES

Min. Application Temp.	50°F	10°C
Max. Continuous Operating Temp.	194°F	90°C
Max. Intermittent Operating Temp.	356°F	180°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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