

TECHNICAL DATA SHEET

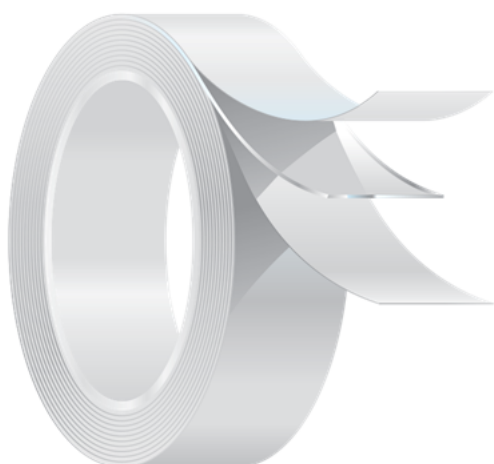
Avery Dennison™ FT 08545 is a single coated aluminium foil tape with a solvent free acrylic adhesive used for sealing ventilation, air conditioning systems, heat and light reflectors, joining and sealing applications and electromagnetic shielding of appliances.

FEATURES

- Dead soft aluminium foil
- Acrylic based adhesive
- Easy release glassine liner
- Gloss aluminium foil

BENEFITS

- Excellent resistance to moisture and plasticizers
- Excellent resistance to temperature, solvents and UV light
- Low fogging & VOC characteristic according to VDA 278
- Eco-friendly manufacturing process without emissions
- Adhesive suitable for applications requiring food contact



CONSTRUCTION

Facestock: Gloss aluminum foil 50 µm

Adhesive: Solvent free acrylic

Liner: White glassine

Adhesive Properties		Typical Values		
THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		2.64	0.067	67
Adhesive + Carrier		4.29	0.109	109
Total Caliper		6.93	0.176	176
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE			Lbf / in	N / Meter
Stainless Steel		20 min dwell	6.28	1100
		24 hr dwell	6.57	1150
PEEL ADHESION (ASTM D3330)				
90° (12") 300 mm / min @ Room Temp				
SUBSTRATE			Lbf / in	N / Meter
Stainless Steel		20 min dwell	3;43	600
		24 hr dwell	4.28	750
STATIC SHEAR (ASTM D3654)				
1" sq (6.5 cm2); 1000 g				
SUBSTRATE		Min to Fail		
Stainless Steel		2500		
TEMPERATURES		°F		°C
Minimum Application Temperature		50 °F		10 °C
Minimum Service Temperature		-40 °F		-40 °C
Maximum Service Temperature		284 °F		140 °C

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

APPLICATION TECHNIQUES

- It is essential, a 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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Asia Pacific: +86 512 57155001

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www.tapes.averydennison.com