AFB™ 8660GS

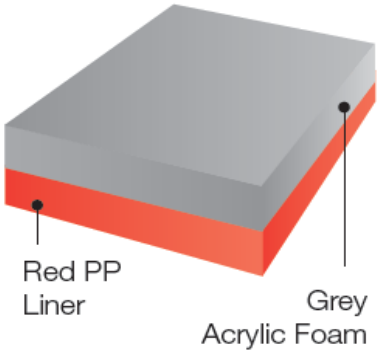
Avery Dennison AFB™ 8660GS is a grey acrylic foam tape. This product has excellent adhesion and shear strength, and also resists UV lights and elevated temperatures. AFB™ 8660GS is suitable for badge and emblem mounting in automobiles.

FEATURES:

- Foam tape with viscoelastic acrylic foam carrier
- Closed cell structure
- Acrylic adhesive system
- Polypropylene liner helps provide good moisture stability and easier converting with its high tear strength

BENEFITS:

- High adhesion combined with good shear absorbs shock and distributes stress evenly
- Good high temperature resistance
- High bond strength to irregular or curved surfaces
- Very good holding power



CONSTRUCTION:

Liner:
Red Polypropylene Liner
Adhesive:
Acrylic
Carrier:
Gray Acrylic Foam Core
Adhesive:
Acrylic

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Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	**US Mils**	**MM's**	**Micron's (µm)**
Liner:		3.2	0.08	81
Carrier & Adhesive:		23.6	0.60	599
Total Caliper:		26.8	0.68	681

PEEL ADHESION Test Method(s): PSTC-101, ASTM D-3330

Aluminum Foil 90º 12 in /min (305 mm / min)

Substrate		**Lbf / In**	**N / 100 mm**
Automotive MSE Clear Coat	24 hr dwell	8.5	149

Aluminum Foil 90º 12 in /min (305 mm / min)

Automotive MSE Clear Coat	24 hr dwell	4.6	81

DYNAMIC SHEAR Test Method(s): ASTM D-1002

Aluminum Foil 0.5 in /min (12.7 mm / min)

Substrate		**Lbf / In²**	**kPa**
Liner	24 hr dwell	87.0	600

NORMAL TENSILE Test Method(s): ASTM D-897

Aluminum 2 in / min (50.8 mm / min) 1" sq (6.5 cm2)

Substrate		**Lbf / In²**	**kPa**
Aluminum	24 hr dwell	79.8	550

STATIC SHEAR Test Method(s): PSTC-101, ASTM D-3330

Aluminum Foil 1" sq (6.5 cm2) 1000 g @ Room Temp

Substrate		**Min to Fail**	
SS	24 hr dwell	> 10,000	

Aluminum Foil 1" sq (6.5 cm2) 500 g @ 80ºC

SS	24 hr dwell	> 10,000	

TEMPERATURES	**° F**	**° C**
Long Term Temp (10,000 mins)	248 ° F	120 ° C
Short Term Temp (240 mins)	320 ° F	160 ° C

THE LISTED VALUES ARE TYPICAL 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

- One year when stored at 64-72ºF (18-22ºC) / 30-70% relative humidity, out of direct sunlight and 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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