



FBA 8960

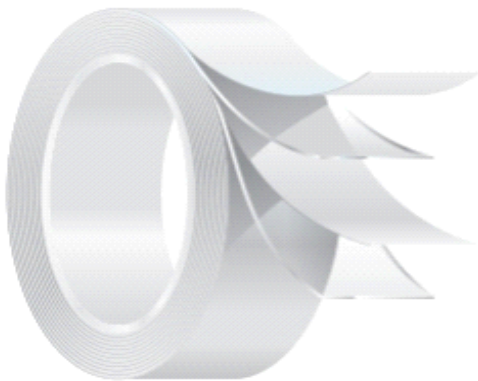
Avery Dennison™ FBA 8960 is a 4.0 mil double coated polyester with a modified acrylic adhesive. It bonds well to low surface energy materials and has good foam bonding properties. FBA 8960 is commonly used for foam and fabric applications in the automotive and appliance industries.

FEATURES

- Double coated tape construction
- Modified acrylic adhesive for low surface energy substrates
- Polyester film carrier
- Super calendered kraft release liner

BENEFITS

- Dimensional stability and good die cutting characteristics
- Strong bond to low surface energy materials and good foam bonding performance
- Good heat resistance
- High tensile strength and good converting performance
- High tensile strength and tear resistance with excellent die cutting performance
- Two-year warranty



CONSTRUCTION:

Liner:

80# White Kraft

Adhesive 1:

Acrylic

Carrier:

Polyester

Adhesive 2:

Acrylic

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Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		4.4	0.11	112
Adhesive 1 - Liner		1.4	0.04	36
Carrier		0.5	0.01	13
Adhesive 2 - Unwind		2.1	0.05	53
Total Caliper without Liner:		4.0	0.10	102
Total Caliper:		8.4	0.21	213

Peel Adhesion ASTM D3330
180° 12 in (300 mm) min @ Room Temp

Substrate			Lbf / in	N / Meter
SS	Liner	72 hr dwell	6.0	1,057
	Unwind		6.0	1,057
ABS	Liner	72 hr dwell	6.0	1,057
	Unwind		6.0	1,057

Loop Tack ASTM D6195
180° 20 in (508 mm) / min @ Room Temp

Substrate			Lbf / in	N / Meter
SS	Liner	Initial	7.0	1,233

Static Shear ASTM D3654
180° 1" sq (6.5 cm2) 500 g @ Room Temp

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

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	350° F	175° 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

- Two years when stored at 64-72°F (18-22°C) / 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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