



## FBA 8960

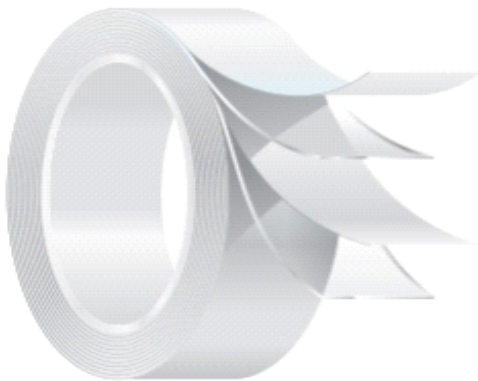
Avery Dennison™ FBA 8960 is a 4.0 mil double coated polyester with a modified acrylic adhesive. It bonds well to low surface energy materials and has good foam bonding properties. FBA 8960 is commonly used for foam and fabric applications in the automotive and appliance industries.

### 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

**FBA 8960**

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](http://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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Performance  
Tapes

Asia Pacific  
Kunshan, China,  
NO. 618 Nanhe Road  
Kunshan Economic &  
Technological Zone  
China, 215335  
Phone: +86 512 57155001  
Fax: +86 512 57155059

Europe  
Tieblokkenlaan 1  
B-2300 Turnhout  
Belgium  
Phone: +32 (0)14 40 48 11  
Fax: +32 (0)14 40 48 55

North America  
250 Chester Street  
Painesville, Ohio  
44077 USA  
Phone: +1 866-462-8379  
Fax: +1 888-358-4469