



FBA 1960

Avery Dennison FBA 1960 is a 1.8 mil transfer tape with a modified acrylic adhesive. It bonds well to low surface energy materials and has good foam bonding properties. FBA 1960 is commonly used for foam, fabric and cloth applications in the automotive and appliance industries.

FEATURES:

- Unsupported adhesive
- Modified acrylic adhesive for low surface energy substrates
- Super calendered kraft release liner

BENEFITS:

- Highly conformable to curved or irregular surfaces
- Strong bond to low surface energy materials and good foam bonding performance
- Good heat resistance
- High tensile strength and tear resistance with excellent die cutting performance



CONSTRUCTION:

Liner:

80# White Kraft

Adhesive:

Acrylic

FBA 1960

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		4.4	0.11	110
Adhesive		1.8	0.05	45
Total Caliper without Liner:		1.8	0.05	45
Total Caliper:		6.2	0.16	155

PEEL ADHESION				Test Method(s): PSTC-101, ASTM D-3330		
2 mil PET	72 hr dwell	180°	12 in /min (305 mm / min)			
Substrate				Lbf / In	N / Meter	
SS				7.0	1,230	
ABS				7.0	1,230	

LOOP TACK				Test Method(s): PSTC-16		
2 mil PET	Initial	20 in / min (508 mm / min)				
Substrate				Lbf / In	N / Meter	
SS				6.5	1,140	

STATIC SHEAR				Test Method(s): PSTC-107, ASTM D 3654		
2 mil PET	72 hr dwell	1" sq (6.5 cm2)	1000 g			
Substrate				Mins to Fail		
SS				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

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

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