



## FBR 1950

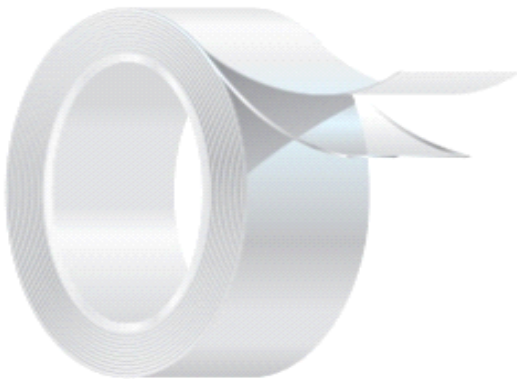
Avery Dennison™ FBR 1950 is a 1.5 mil transfer tape with a general purpose rubber adhesive. It bonds well to polyurethane foams, fabrics and low surface energy materials. FBR 1950 is commonly used for foam bonding and general purpose attachment in automotive and appliance applications.

### FEATURES

- Unsupported adhesive
- General purpose rubber adhesive
- Super calendered kraft release liner

### BENEFITS

- Highly conformable to curved or irregular surfaces
- Strong bond to a wide variety of materials and good foam bonding performance
- High tensile strength and tear resistance with excellent die cutting performance
- Two-year warranty



### CONSTRUCTION:

**Liner:**

80# White Kraft

**Adhesive:**

Rubber

**FBR 1950**

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US MILs	MM's	Micron's (µm)
Liner		4.4	0.11	112
Adhesive		1.5	0.04	38
Total Caliper without Liner:		1.5	0.04	38
Total Caliper:		5.9	0.15	150

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	72 hr dwell	8.0	1,409	
PP	72 hr dwell	7.0	1,233	

Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	Initial	11.5	2,025	

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 1000 g @ Room Temp				
Substrate		Min to Fail		
SS	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	160° F	70° 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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