



## FBR 8950 12 Pt Board

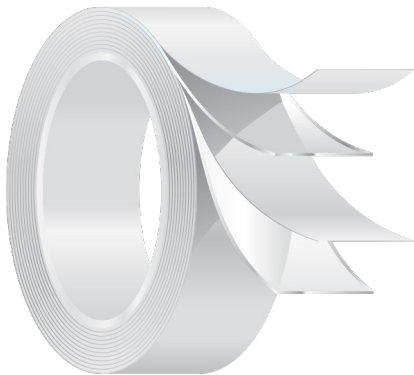
Avery Dennison FBR 8950 12 Pt Board is a 4.0 mil double coated polyester with a general purpose rubber adhesive and a heavy board release liner. It bonds well to polyurethane foams, fabrics and low surface energy materials. FBR 8950 12 Pt Board is commonly used for foam bonding and general purpose attachment in automotive and appliance applications.

### FEATURES:

- Double coated tape construction
- General purpose rubber adhesive
- Polyester film carrier
- 12 point poly coated kraft board release liner

### BENEFITS:

- Dimensional stability and good die cutting characteristics
- Strong bond to a wide variety of materials and good foam bonding performance
- High tensile strength and good converting performance
- Heavyweight and stiffness allow for easy handling



### CONSTRUCTION:

**Liner:**

Natural 12 Pt Board

**Adhesive:**

Rubber

**Carrier:**

Polyester

**Adhesive:**

Rubber

## FBR 8950 12 Pt Board

| Adhesive Properties:         |             | Typical Values |      |             |
|------------------------------|-------------|----------------|------|-------------|
| Thickness                    | ASTM D-3652 | US mil         | mm   | micron (µm) |
| Liner                        |             | 12.5           | 0.32 | 320         |
| Adhesive - Unwind            |             | 2.1            | 0.05 | 55          |
| Carrier                      |             | 0.5            | 0.01 | 15          |
| Adhesive - Liner             |             | 1.4            | 0.04 | 35          |
| Total Caliper without Liner: |             | 4.0            | 0.10 | 105         |
| Total Caliper:               |             | 16.5           | 0.42 | 425         |

| 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            | Liner  |             |      | 8.0                                   | 1,400     |
|               | Unwind |             |      | 8.5                                   | 1,490     |
| PP            | Liner  |             |      | 7.0                                   | 1,230     |
|               | Unwind |             |      | 8.4                                   | 1,470     |

| LOOP TACK |       |                            |  | Test Method(s): PSTC-16 |           |
|-----------|-------|----------------------------|--|-------------------------|-----------|
| 2 mil PET |       | 20 in / min (508 mm / min) |  |                         |           |
| Substrate |       |                            |  | Lbf / In                | N / Meter |
| SS        | Liner |                            |  | 10.0                    | 1,750     |

| 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           | Liner |             |                 | 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  |

### 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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