



FBR 8950

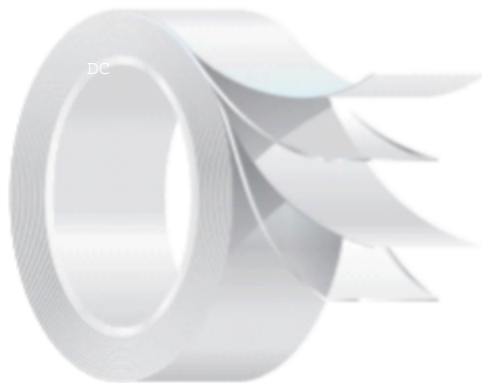
Avery Dennison FBR 8950 is a 4.0 mil double coated polyester with a general purpose rubber adhesive. It bonds well to polyurethane foams, fabrics and low surface energy materials. FBR 8950 is commonly used for foam bonding and general purpose attachment in automotive and appliance applications.

FEATURES

- Double coated tape construction
- General purpose rubber adhesive
- Polyester film carrier
- Super calendered kraft 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
- High tensile strength and tear resistance with excellent die cutting performance
- Two-year warranty



CONSTRUCTION:

Liner:

80# White Kraft

Adhesive 1:

Rubber

Carrier:

Polyester

Adhesive 2:

Rubber

FBR 8950

| Adhesive Properties: | | Typical Values | | |
|------------------------------|------------|----------------|------|---------------|
| Thickness | ASTM D3652 | US Mil's | 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 | 8.0 | 1,409 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| PP | Liner | 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 | Liner | Initial | 10.0 | 1,761 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Static Shear | | ASTM D3654 | | |
|---|-------|-------------|-------------|--|
| 180° 1" sq (6.5 cm2) 1000 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 | 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 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.

© 2022 Avery Dennison® Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison® Corporation. All other Avery Dennison® brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison® Corporation.



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