



FT 8270

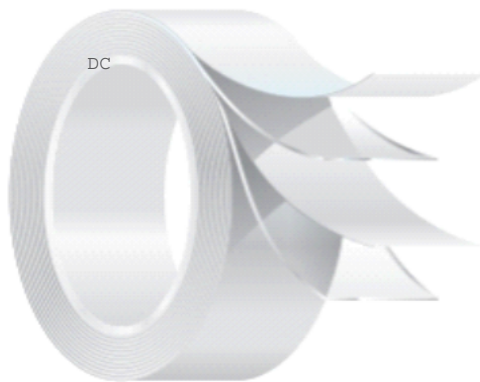
Avery Dennison FT 8270 is a 7.0 mil double coated tissue with a high performance low VOC modified acrylic adhesive. It bonds very well to low surface energy materials and features good foam bonding properties and high heat resistance. FT 8270 is commonly used in automotive applications and where low VOC properties are required.

FEATURES

- Double coated tape construction
- Low outgassing high performance modified acrylic adhesive
- Tissue carrier
- Poly coated kraft release liner

BENEFITS

- Dimensional stability and good die cutting characteristics
- Solvent free adhesive with good foam bonding performance
- Good heat resistance
- Flexibility and conformability along with the ability to tear by hand
- Good moisture stability and lay flat properties



CONSTRUCTION:

Liner:

87# White Poly Coated Kraft

Adhesive 1:

Low VOC Acrylic

Carrier:

Tissue

Adhesive 2:

Low VOC Acrylic

FT 8270

| Adhesive Properties: | | Typical Values | | |
|------------------------------|-------------|----------------|------|---------------|
| Thickness | ASTM D-3652 | US Mils | MM's | Micron's (µm) |
| Liner | | 6.8 | 0.17 | 173 |
| Adhesive - Unwind | | 2.4 | 0.06 | 61 |
| Carrier | | 2.2 | 0.06 | 56 |
| Adhesive - Liner | | 2.4 | 0.06 | 61 |
| Total Caliper without Liner: | | 7.0 | 0.18 | 290 |
| Total Caliper: | | 13.8 | 0.35 | 178 |

| Peel Adhesion | | ASTM D1000 | | |
|---------------------------|--------|-------------|----------|-----------|
| 180° 12 in (305 mm) / min | | | | |
| Substrate | | | Lbf / In | N / Meter |
| SS | Liner | 72 hr dwell | 4.0 | 704 |
| | Unwind | | 5.0 | 881 |
| ABS | Liner | 72 hr dwell | 7.0 | 1,233 |
| | Unwind | | 7.0 | 1,233 |

| Loop Tack | | ASTM D6195 | | |
|---------------------------|-------|------------|----------|-----------|
| 180° 20 in (508 mm) / min | | | | |
| Substrate | | | Lbf / In | N / Meter |
| SS | Liner | Initial | 3.0 | 528 |

| Static Shear | | ASTM D3654 | | |
|-----------------------------|-------|-------------|--------------|--|
| 180° 1" sq (6.5 cm2) 1000 g | | | | |
| Substrate | | | Mins to Fail | |
| SS | Liner | 24 hr dwell | > 10,000 | |

| TEMPERATURES | ° F | ° C |
|---------------------------------|--------|--------|
| Minimum Application Temperature | 50° F | 30° 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.

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.

© 2020 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.



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