



## FT 8270

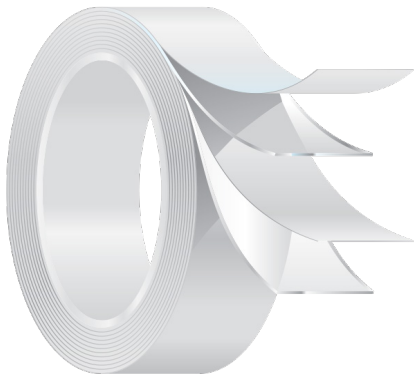
Avery Dennison FT 8270 is a 7.0 mil double coated tissue with a high performance low VOC modified acrylic adhesive. It bonds very well to low surface energy materials and features good foam bonding properties and high heat resistance. FT 8270 is commonly used in automotive applications and where low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

Low VOC Acrylic

#### Carrier:

Tissue

#### Adhesive:

Low VOC Acrylic

**FT 8270**

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		6.8	0.17	175
Adhesive - Unwind		2.4	0.06	60
Carrier		2.2	0.06	55
Adhesive - Liner		2.4	0.06	60
Total Caliper without Liner:		7.0	0.18	175
Total Caliper:		13.8	0.35	350

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	4.0	700	
	Unwind	5.0	880	
ABS	Liner	7.0	1,230	
	Unwind	7.0	1,230	

LOOP TACK		Test Method(s): PSTC-16		
2 mil PET 20 in / min (508 mm / min)				
Substrate		Lbf / In	N / Meter	
SS	Liner	3.0	530	

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654		
2 mil PET 72 hr dwell 1" sq (6.5 cm2) 500 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	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](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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