



FT 8270

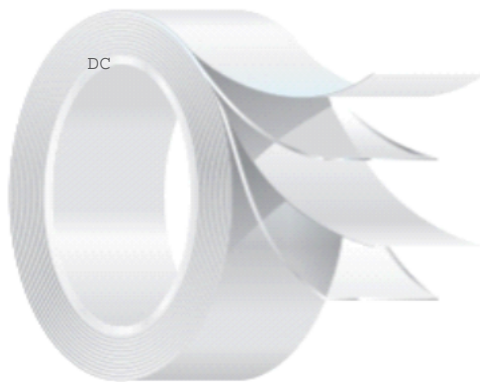
Avery Dennison FT 8270 is a 7.0 mil double coated tissue with a high performance low VOC modified acrylic adhesive. It bonds very well to low surface energy materials and features good foam bonding properties and high heat resistance. FT 8270 is commonly used in automotive applications and where low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

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