



FT 8368

Avery Dennison FT 8368 was designed for applications requiring mold and plasticizer resistance while providing excellent performance at elevated temperatures. The tape adheres well to a variety of different substrates.

FEATURES

- Aggressive rubber based adhesive
- Excellent shear properties; room & elevated temperatures

BENEFITS

- Excellent processing and die-cutting stability
- Suited for a broad range of general purpose applications
- Mold and plasticizer resistant
- Good cohesive strength at elevated temperatures



CONSTRUCTION:

Liner:

64# White Kraft

Adhesive 1:

Rubber

Carrier:

Polyester

Adhesive 2:

Rubber

FT 8368**Adhesive Properties:**

		Typical Values			
Thickness	ASTM D3692	US Mils	MM's	Micron's (μm)	
Liner		3.5	0.09	89	
Adhesive 1 - Liner		1.8	0.05	46	
Carrier		0.5	0.01	13	
Adhesive 2 - Unwind		1.9	0.05	48	
Total Caliper without Liner:		4.2	0.11	107	
Total Caliper:		7.7	0.20	196	
Peel Adhesion	ASTM D3330				
180°	12 in (305 mm) / min	@ Room Temp			
Substrate			Lbf / in	N / Meter	
SS	LINER	INITIAL	7.2	1,268	
	UNWIND		7.8	1,374	
Loop Tack	ASTM D6195				
180°	20 in (508 mm) / min	@ Room Temp			
Substrate			Lbf / in	N / Meter	
SS	LINER	INITIAL	9.0	1,585	
	UNWIND		9.0	1,585	
Static Shear	ASTM D3654				
180°	1" sq (6.5 cm ²)	@ Room Temp	10 lb		
Substrate			Min to Fail		
SS	LINER	INITIAL	>10,000		
	UNWIND		>10,000		

TEMPERATURES

	°F	°C
Maximum Service Temp	175° F	79° C
Minimum Service Temp	-40° F	-40° C
Minimum Application Temp	50° F	10° 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

- 1 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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