



FT 8455

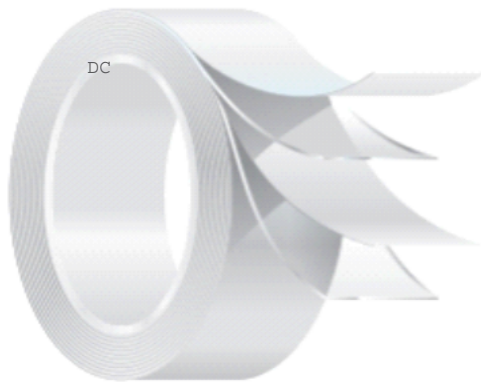
Avery Dennison™ FT 8455 is excellent for applications requiring good adhesion and high shear performance. The tape adheres well to a variety of different substrates. Used in packaging applications.

FEATURES

- Aggressive, high-tack, rubber based adhesive
- Excellent shear properties; room & elevated temperatures
- Polyester carrier and densified kraft suitable for die cutting

BENEFITS

- Strong bond to a variety of substrates
- Product reliability
- Excellent adhesion to paper stock and corrugated substrates
- Good cohesive strength adhesive



CONSTRUCTION:

- Liner:**
50# White Kraft
- Adhesive 1:**
Rubber
- Carrier:**
Polyester
- Adhesive 2:**
Rubber

FT 8455

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		2.5	0.06	64
Adhesive 1 - Liner		4.0	0.10	102
Carrier		0.5	0.01	13
Adhesive 2 - Unwind		3.0	0.08	76
Total Caliper without Liner:		7.5	0.19	191
Total Caliper:		10.0	0.25	254

Peel Adhesion		ASTM D3330		
180° 12 in (305 mm) / min				
Substrate			Lbf / In	N / Meter
SS	Liner	Initial	12.0	2,113
	Unwind		10.0	1,761

Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min				
Substrate			Lbf / In	N / Meter
SS	Liner	Initial	13.0	2,289
	Unwind		10.0	1,761

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm ²) 2500 g @ Room Temp				
Substrate			Mins to Fail	
SS	Liner	Initial	> 10,000	
	Unwind		> 10,000	

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Maximum Continuous Operating Temperature	200° F	93° C
Maximum Intermittent Operating Temperature	225° F	105° 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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