



FT 0065

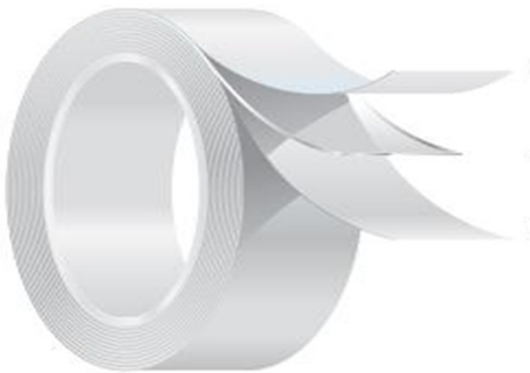
Avery Dennison™ FT 0065 is a single coated tape consisting of Flame Tough™ Acrylic and Flame Tough™ Polyester facestock recommended for flame retardant and dielectric requirements within EV battery packs and similar applications.

FEATURES

- Flame retardance
- High tack
- Dielectric, flame retardant facestock

BENEFITS

- Enables composites to pass UL 94 and other flammability requirements
- Bonds well to low surface energy substrates and foams
- Adds dielectric strength where electrical insulation is needed to protect materials from high voltages and arcing



CONSTRUCTION:

Liner:

83# White Kraft

Adhesive:

White Flame Tough™ Acrylic

Carrier:

Flame Tough™ White Polyester

FT 0065

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		4.6	0.12	117
Adhesive		2.0	0.05	51
Carrier		1.6	0.04	41
Total Caliper without Liner:		3.6	0.09	91
Total Caliper:		8.2	0.21	208

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	72 HR DWELL	3.5	616	

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate		Lbf / in	N / Meter	
ABS	72 HR DWELL	2.8	493	

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate		Lbf / in	N / Meter	
		3.5	616	

Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min @ Room Temp				
Substrate		Lbf / in	N / Meter	
	INITIAL	3.0	528	

Static Shear		ASTM D1002		
180° 1" sq (6.5 cm ²) 1000 g @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	24 HR DWELL	> 10,000		

Minimum Breakdown Voltage of Carrier		ASTM D1002		
Substrate		kV		
		5.1		

TEMPERATURES	° F	° C
Minimum Service Temperature	50° F	10° 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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