



## FT 3075

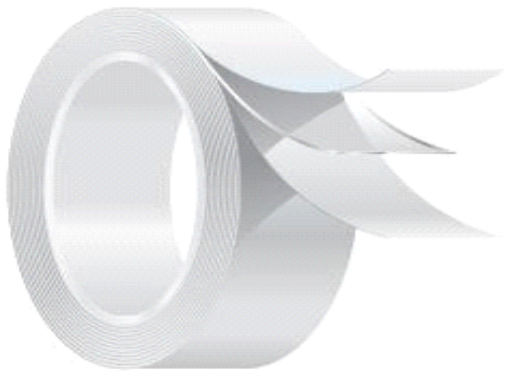
Avery Dennison FT 3075 is a double lined transfer tape of Flame Tough™ Silicone recommended for difficult flame retardant requirements within EV battery packs and similar applications.

### FEATURES

- Excellent flame retardance
- Extra low surface energy bonding
- Excellent high temperature bonding performance

### BENEFITS

- Enables composites to pass UL 94 and other flammability requirements
- Bonds well to silicone foams and PTFE materials
- Adds high temperature creep resistance for demanding applications



### CONSTRUCTION:

#### Liner 1 (Easy):

2 mil Polyester

#### Adhesive:

Flame Tough™ Silicone

#### Liner 2 (Tight):

2.5 mil White Polyester

**FT 3075**

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner 1 Easy		2.5	0.06	64
Adhesive		2.3	0.06	58
Liner 2 Tight		2.0	0.05	51
Total Caliper without Liner:		2.3	0.06	58
Total Caliper:		6.8	0.17	173

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	72 HR DWELL	5.9	1,039	
ABS	72 HR DWELL	4.2	740	
PP	72 HR DWELL	5.6	986	

Loop Tack		ASTM D6195		
180° 32 in (508 mm) / min @ Room Temp				
Substrate		Lbf / in	N / Meter	
SS	INITIAL	8.9	1,567	

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm <sup>2</sup> ) 1000 g @ Room Temp				
Substrate		Min to Fail		
SS	24 HR DWELL	> 10,000		

TEMPERATURES	° F	° C
Minimum Service Temperature	50° F	10° C
Maximum Service Temperature	400° F	205° 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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