FT 0012

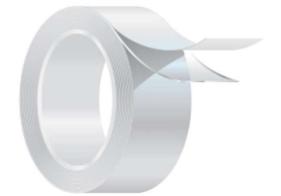
Part of the Volt Tough™ EV Battery Portfolio, Avery Dennison FT 0012 is a linerless, single coated tape utlizing a 1 mil PET facestock and an acrylic adhesive. With 5.0 kV of dielectric strength (AC), this tape is recommended for various electrical insulation applications inside EV battery packs.

FEATURES

- Selfwound, linerless tape construction
- Emulsion Based Acrylic Adhesive
- Polyester film facestock

BENEFITS

- · Reduced waste due to no required liner
- Resilient bond to battery pack components
- High dielectric strength



CONSTRUCTION:

Facestock:

Polyester

Adhesive:

Emulsion Based Acrylic



FT 0012

Adhesive Properties:			Typical Values			
Thickness	A	ASTM D3652	US Mils	MM's	Micron's (μm)	
			0.5	0.04	40	
Adhesive			0.5	0.01	13	
Carrier			1.0	0.03	25	
			1.5	0.04	00	
otal Caliper:			1.5	0.04	38	
eel Adhesion		ASTM D3330				
80° 12 in (300 mm) min	@ Room Temp					
ubstrate			Lbf / in		N / Meter	
S	LINER	24 HR DWELL	1.1		194	
ielectric Strength						
STM D149						
Substrate			kV			
roduct			5.0			
FMPERATURES			° F		° C	
EMPERATURES	rafture		° F 50° F		° C	
Minimum Application Temper	rature		50° F		10° C	
EMPERATURES Jinimum Application Temper Jinimum Service Temperatu	re					

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. Avery Dennison.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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