



## FT 3012

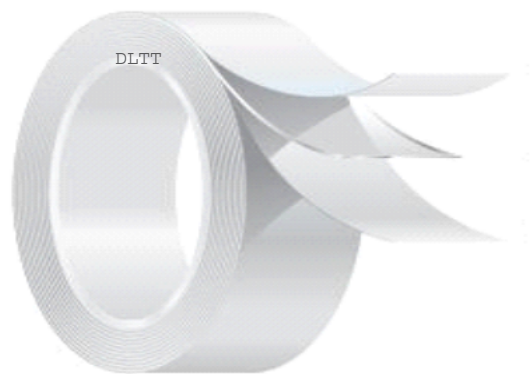
Avery Dennison™ FT 3012 was designed for applications where heat and environmental resistance is important. Silicone adhesive performs under high heat as a constrained layer damper.

### FEATURES

- Excellent environmental and chemical resistance
- Moisture resistant liner
- Excellent die cutting and slitting properties
- Easy release, tear resistant liner

### BENEFITS

- Good heat and humidity resistance
- Good solvent resistance
- Room temperature laminations with high service temp capabilities



### CONSTRUCTION:

**Liner 1 (Easy):**  
White Polyester

**Adhesive:**  
Silicone

**Liner 2 (Tight):**  
Polyester

**FT 3012**

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 (305 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	Initial	4.7	828	

Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	Initial	5.7	1,004	

SAFT		STD-243			
1" sq (6.5 cm2) 1000 g					
Substrate		Mins to Fail	Fail Temp °F	Fail Temp °C	
SS	Liner Initial	238	245	119	

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	30° C
Maximum Continuous Operating Temperature	450° F	232° C
Maximum Intermittent Operating Temperature	500° F	260° 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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