



FT 310

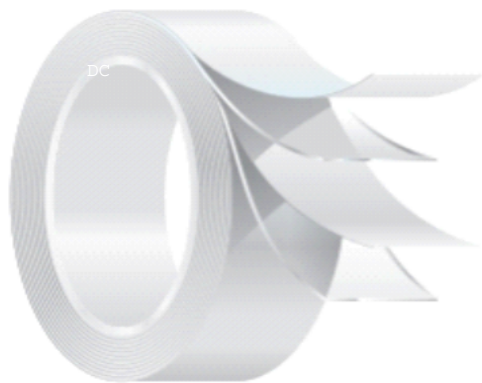
Avery Dennison™ FT 310 is a 2.9 mil double coated polyester with a general purpose rubber adhesive on the laminating side and a low tack removable acrylic adhesive on the mounting side. The rubber side bonds to a variety of materials including foams and the acrylic side provides for clean removability from most surfaces. FT 310 is used for general industrial applications requiring removability.

FEATURES

- Double coated construction
- Low adhesion/low tack acrylic adhesive
- Multi-Purpose rubber based adhesive
- Polyester film carrier
- Glassine paper release liner

BENEFITS

- Dimensional stability with good die cutting
- Temporarily repositionable
- Bonds to a wide variety of substrates
- High strength and good die cutting and converting performance
- Dimensional stability and excellent water jet and die cutting performance



CONSTRUCTION:

Liner:

50# White Glassine

Adhesive 1:

Removable Acrylic

Carrier:

Polyester

Adhesive 2:

Rubber

FT 310

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		2.8	0.07	71
Adhesive 1 - Liner		0.6	0.02	15
Carrier		0.5	0.01	13
Adhesive 2 - Unwind		1.8	0.05	46
Total Caliper without Liner:		2.9	0.07	74
Total Caliper:		5.7	0.14	145

Peel Adhesion		ASTM D3330	
180° 12 in (300 mm) min @ Room Temp			
Substrate		Lbf / in	N / Meter
SS	Liner 72 hr dwell	0.2	35
	Unwind	8.0	1,409

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate			Lbf / in	N / Meter
ABS	Liner	72 hr dwell	1.1	194
	Unwind		7.2	1,268

Loop Tack		ASTM D6195		
180° 32 in (508 mm) / min @ Room Temp				
Substrate		Lbf / in		N / Meter
SS	Liner	Initial	1.0	176

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 1000 g @ Room Temp				
Substrate		Min to Fail		
SS	Liner	24 hr dwell	> 10,000	

TEMPERATURES		° F	° C
Minimum Application Temperature		50° F	10° C
Minimum Service Temperature		-40° F	-40° C
Maximum Service Temperature		175° F	80° 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](https://www.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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