



# FT 351

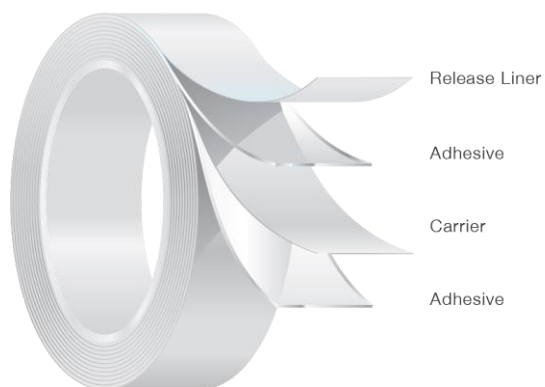
Avery Dennison FT 351 is a differential double coated pure solvent acrylic/solvent rubber tape, designed for applications where an extreme adhesion is required to low surface energy materials on the laminating side and where the mounting side requires a plasticizer resistant and repositionable adhesive layer. Ideally used for bonding polyurethane foam, polyester fibers, felts and fabrics to a wide variety of substrates. Typically designed for cable wrap applications with a PU-foam, high precision die-cut parts, nameplates, decorative trims and profiles.

## FEATURES:

- High tack laminating adhesive
- Differential adhesive system
- Service temperature up to 110°C
- Easy release glassine liner
- Strong, conformable filmic carrier

## BENEFITS:

- Mounting side: cross-linked acrylic based adhesive providing excellent resistance against plasticizers and offering initial repositionability when mounted
- Laminating side: high initial adhesion to a wide variety of LSE substrates
- Suitable for high temperature bonding applications
- Reinforces flexible substrates and acts as a barrier for highly plasticized substrates
- Improved die-cutting characteristics
- Facilitates easy removal at point of application



## CONSTRUCTION:

### Liner:

Havana (yellow/brown) glassine

### Adhesive:

Pure solvent acrylic

### Carrier:

Transparent polyester film 12µm

### Adhesive:

Solvent rubber

## FT 351

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
<b>THICKNESS</b>			
Adhesive + Carrier	3.62	0.092	92
Liner	2.95	0.075	75
Total	6.57	0.167	167

\*PSTC-133

### PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate		Lbf / in	N / Meter
		72 hr	72 hr
Stainless steel	Liner	2.9	500
	Unwind	5.5	970
ABS	Liner	3.6	630
	Unwind	5.1	900
Polypropylene	Liner	1.6	280
	Unwind	3.8	660

\*PSTC-101, ASTM D-3330, STD-10

### LOOP TACK

2 mil PET; 90°; 20" / min; 1" sq (6.5 cm<sup>2</sup>)

Substrate		Lbf / in	N / Meter
Stainless steel	Liner	3.1	540
	Unwind	6.3	1100

\*PSTC-16, STD-7

### STATIC SHEAR

Foil; 1" sq (6.5 cm<sup>2</sup>); 1000 g

		Min to Fail
Foil; 1" sq (6.5 cm <sup>2</sup> ); 1000 g	Liner	>600
	Unwind	>7500

\*PSTC-107, ASTM D 3654, STD-9

### TEMPERATURES

Min. Application Temp.	50°F	10°C
Max. Continuous Operating Temp.	230°F	110°C
Max. Intermittent Operating Temp.	248°F	120°C

\*TEST METHODS

Note: The listed values are typical only and not intended to serve as product specifications

## APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

## STORAGE AND SHELF LIFE

The shelf life of the product is two years when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, 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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