

## TECHNICAL DATA SHEET

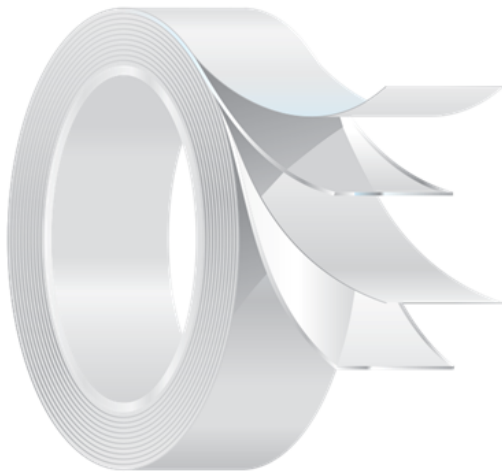
**Avery Dennison™ FT 306A** is a double coated tape with a very versatile adhesive used for a wide range of bonding applications by which temperatures exceeding 100°C and easy application are required. Also offers a combination of high immediate adhesion and good water immersion resistance.

### FEATURES

- High tack synthetic rubber adhesive
- Strong, clear polypropylene carrier
- Easy release liner

### BENEFITS

- Good wetting and shear properties
- Suitable for a wide range of temperatures from high to low
- Excellent adhesion to a variety of metals, rigid and foamed plastics
- Provides excellent dimensional stability and reinforcement to flexible substrates
- Facilitates easy liner removal



### CONSTRUCTION

**Liner:** Blue-green glassine

**Adhesive 1:** Synthetic rubber

**Carrier:** Clear polypropylene

**Adhesive 2:** Synthetic rubber



Performance  
Tapes

Adhesive Properties	Typical Values		
<b>THICKNESS (ASTM D3652)</b>	<b>US Mils</b>	<b>MM's</b>	<b>Micron's (µm)</b>
Liner	3.3	0.085	85
Adhesive + Carrier	3.5	0.087	86.5
Total Caliper	6.8	0.172	171.5
<b>PEEL ADHESION (ASTM D3330)</b>			
180° (12") 300 mm / min @ Room Temp			
<b>SUBSTRATE</b>		<b>Lbf / in</b>	<b>N / Meter</b>
Stainless Steel	20 min dwell	5.2	919
	24 hr dwell	5.5	970
Polycarbonate	20 min dwell	4.6	800
	24 hr dwell	5.1	900
Painted Steel	20 min dwell	4.3	760
	24 hr dwell	4.7	819
Polypropylene	20 min dwell	3.0	520
	24 hr dwell	3.8	660
<b>LOOP TACK (ASTM D6195)</b>			
(12") 300 mm / min @ Room Temp			
<b>SUBSTRATE</b>		<b>Lbf / in</b>	<b>N / Meter</b>
Glass		6.9	1200
<b>STATIC SHEAR (ASTM D3654)</b>			
1"sq (6.25 cm <sup>2</sup> ) 1000 g @ Room Temp			
<b>SUBSTRATE</b>		<b>Min to Fail</b>	
Stainless Steel		> 600	
<b>TEMPERATURES</b>		<b>°F</b>	<b>°C</b>
Minimum Application Temperature		50 °F	10 °C
Minimum Service Temperature		-40 °F	-40 °C
Maximum Service Temperature		221 °F	105 °C

Note: The listed values are typical only 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

Two years when stored at 64-72 °F (18-22 °C) / 30-70 % relative humidity, out of direct sunlight and in original packaging.

**For more information on our bonding tapes and adhesive solutions, call us:**

**North America:** +1 866 462 8379

**Asia Pacific:** +86 512 57155001

**Europe:** +32 (0)14 40 48 11

[www.tapes.averydennison.com](http://www.tapes.averydennison.com)