

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 21302** is a 2mil transfer tape used for high end applications requiring reliable performance and precision. It features an advanced pure acrylic adhesive with an easy-release glassine liner and offers low VOC and fogging performance. This tape performs well across a broad temperature range and provides resistance to chemicals, UV light, moisture, and plasticizers. It's used for multiple applications requiring adhesion on plasticized PVC, Graphical displays, banners, backprinted labels and security labeling.

### FEATURES

- Advanced pure acrylic adhesive
- APEO free adhesive
- Low VOC and Fogging performance
- Easy release glassine liner
- Broad range of service temperatures

### BENEFITS

- Excellent resistance to solvents, chemicals, plasticizers, temperature and UV light
- Good resistance to moisture
- Good conformability to flat or curved surfaces
- Immediate initial adhesion for part placement
- Excellent water jet and die cutting characteristics



### CONSTRUCTION

**Liner:** Glassine, natural liner with recycled content

**Adhesive:** Pure acrylic



Performance  
Tapes

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (μm)
Liner		2.95	0.075	75
Adhesive		2.36	0.060	60
Total Caliper		5.31	0.135	135
<b>PEEL ADHESION (ASTM D3330)</b>				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	2.38	38	416
	24 hr dwell	2.81	45	492
Polycarbonate	20 min dwell	2.90	46	508
	24 hr dwell	3.13	50	548
Painted Steel	20 min dwell			
	24 hr dwell			
Polypropylene	20 min dwell	1.14	18	200
	24 hr dwell	1.23	20	216
<b>LOOP TACK (ASTM D6195)</b>				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
SS	Initial	2.44	39	380
<b>STATIC SHEAR (ASTM D3654)</b>				
1"sq (6.25 cm <sup>2</sup> ) 1000 g @ Room Temp				
SUBSTRATE		Minutes to Fail		
Stainless Steel	Initial	> 10000		
TEMPERATURES		°F	°C	
Minimum Application Temperature		50 °F	10 °C	
Minimum Service Temperature		-40 °F	-40 °C	
Maximum Service Temperature		392 °F	200 °C	

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 / 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:

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