

## TECHNICAL DATA SHEET

### Avery Dennison™ FT Y2202

#### FEATURES

- High tack adhesive
- Broad range of service temperature
- Specially designed adhesive
- Low density, open tissue
- Thick, easy release liner

#### BENEFITS

- Provides good initial adhesion to a wide variety of substrates
- Suitable where final application involves both low and high temperature environments
- Excellent adhesion to a variety of metals, rigid and foamed plastics
- Whilst maintaining a high degree of conformability, the product is still capable of anchoring to low density foams
- Facilitates kiss die-cutting and easy removal at point of application



#### CONSTRUCTION

**Liner:** White glassine

**Adhesive:** Permanent synthetic rubber adhesive

**Carrier:** Tissue

**Adhesive:** Permanent synthetic rubber adhesive



Performance  
Tapes

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		4.33	0.11	110
Carrier & Adhesive		3.54	0.09	90
Total Caliper		7.87	0.20	200
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	4.71	75	825
	24 hr dwell	5.48	88	960
Polycarbonate	20 min dwell	5.37	86	940
	24 hr dwell	5.71	91	1000
Painted Steel	20 min dwell	4.57	73	800
	24 hr dwell	5.25	84	920
Rigid Polypropylene	20 min dwell	4.57	73	800
	24 hr dwell	4.80	77	840
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	6.85	110	1200
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm <sup>2</sup> ) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 660		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			266 °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:

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