

TECHNICAL DATA SHEET

Avery Dennison™ FT Y2201

FEATURES

- High tack adhesive
- Broad range of service temperature
- Specially designed adhesive
- Low density, open tissue
- 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 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 Mil's	MM's	Micron's (µm)
Liner		2.56	0.065	65
Carrier & Adhesive		2.95	0.075	75
Total Caliper		5.51	0.140	140
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	3.40	54	595
	24 hr dwell	4.00	64	700
Polycarbonate	20 min dwell	4.14	66	725
	24 hr dwell	4.25	68	745
Painted Steel	20 min dwell	3.17	51	555
	24 hr dwell	3.83	61	670
Rigid Polypropylene	20 min dwell	2.97	48	520
	24 hr dwell	3.743	55	600
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
SS	Initial	4.1	66	720
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	Initial	> 1000		
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