

TECHNICAL DATA SHEET

Avery Dennison™ FT 21301 is a low coatweight transfer tape used for high end applications with an advanced pure acrylic adhesive and a glassine liner containing recycled content. This tape provides low VOC and fogging performance, resistance to chemicals, UV light, and temperature variations, and ensures reliable adhesion across flat and curved surfaces. Common applications include security labeling, tax labels, windshield-vignets and backprinted labels.

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		0.98	0.025	25
Total Caliper		3.94	0.100	100
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	1.83	29	320
	24 hr dwell	2.51	40	440
Polycarbonate	20 min dwell	2.63	42	460
	24 hr dwell	2.63	42	460
Painted Steel	20 min dwell			
	24 hr dwell			
Polypropylene	20 min dwell	0.87	14	152
	24 hr dwell	0.94	15	164
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
SS	Initial	2.17	35	380
STATIC SHEAR (ASTM D3654)				
1"sq (6.25 cm²) 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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