

TECHNICAL DATA SHEET

Avery Dennison™ FT 7219 is a double coated tissue with a soft, aggressive, easy flow rubber based adhesive. Many general applications, including foam and fiber bonding, insulation and splicing. The adhesive is ideal for applications on low surface energy surfaces.

FEATURES

- Extremely high tack adhesive
- Low density, open tissue
- Easy release liner
- Good wetting
- Immediate bond contact to LSE substrates

BENEFITS

- Provides excellent adhesion to a wide variety of substrates
- Whilst remaining a high degree of conformability the product is still capable of anchoring to low density foams
- Facilitates easy removal of application



CONSTRUCTION

Liner: White glassine

Adhesive 1: Permanent synthetic rubber adhesive

Carrier: Tissue

Adhesive 2: Permanent synthetic rubber adhesive



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		2.64	0.067	67
Carrier & Adhesive		3.15	0.080	80
Total Caliper		5.79	0.147	147
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	3.71	59	650
	24 hr dwell	4.00	64	700
Polycarbonate	20 min dwell	3.54	57	620
	24 hr dwell	3.65	58	640
Painted Steel	20 min dwell	3.60	58	630
	24 hr dwell	3.80	61	665
Polypropylene	20 min dwell	2.91	47	510
	24 hr dwell	3.03	48	530
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	Initial	6.3	100	1100
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm ²) 1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Foil; 1" sq (6.5 cm ²); 1000 g	Initial	> 3000		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			140 °F	60 °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