

TECHNICAL DATA SHEET

Avery Dennison™ FT 2094 is a dispersion-based pure acrylic transfer tape used for bonding polyurethane foam, polyester fibers, felts and fabrics to a wide variety of substrates. Provides good adhesion to medium and low surface energy materials such as PP, PE, TPO, ABS, PVC, polystyrene and painted metals along with low VOC and fogging performance. Ideal for general purpose foam bonding applications such as gaskets, sound deadening and insulation materials in automotive, building and construction, appliance assembly and general industrial sub-assembly.

FEATURES

- Dispersion-based pure acrylic adhesive
- APEO free adhesive
- Easy release glassine liner
- Broad range of service temperatures

BENEFITS

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



CONSTRUCTION

Liner: White glassine liner

Adhesive: Dispersion-based pure acrylic



Performance
Tapes

Adhesive Properties**Typical Values**

THICKNESS (ASTM D3652)	US Mil's	MM's	Micron's (µm)
Liner	2.64	0.067	67
Adhesive	1.57	0.040	40
Total Caliper	4.21	0.107	107
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp			
SUBSTRATE	Lbf / in	US Oz / In	N / Meter
Stainless Steel 72 hr dwell	3.43	55	600
ABS 72 hr dwell	2.86	46	500
Polypropylene 72 hr dwell	2.28	37	400
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp			
SUBSTRATE	Lbf / in	US Oz / In	N / Meter
Stainless Steel	3.43	55	600
Finat tack	3.43	55	600
TEMPERATURES		°F	°C
Minimum Application Temperature		32 °F	0 °C
Minimum Service Temperature		-40 °F	-40 °C
Maximum Service Temperature		302 °F	150 °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