

## TECHNICAL DATA SHEET

**Avery Dennison™ FT 7329** is a double coated PET film tape with a dispersion-based modified acrylic adhesive used for bonding polyurethane foam, polyester fibers, felts and fabrics to a wide variety of substrates. Provides high adhesion to medium and low surface energy materials such as PP, PE, TPO, ABS, PVC, polystyrene and painted metals. 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 modified acrylic adhesive
- APEO free adhesive
- High initial tack
- Easy release glassine liner
- Broad range of service temperatures
- Clear PET film carrier

### BENEFITS

- Excellent resistance to solvents, chemicals, plasticizers, temperature and UV light
- Medium resistance to moisture
- Immediate initial adhesion for part placement
- Excellent water jet and die cutting characteristics
- Provides dimensional stability



### CONSTRUCTION

**Liner:** White glassine liner

**Adhesive 1:** Dispersion-based modified acrylic

**Carrier:** Clear PET film

**Adhesive 2:** Dispersion-based modified acrylic



Performance  
Tapes

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		2.64	0.067	67
Carrier & Adhesive		3.82	0.097	97
Total Caliper		6.46	0.164	164
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	24hrs dwell	7.42	119	1300
ABS	24hrs dwell	6.85	110	1200
Polypropylene	24hrs dwell	6.28	100	1100
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	Initial	5.71	91	1000
Finat tack	Initial	5.71	91	1000
DYNAMIC SHEAR (ASTM D1002)				
6.25 cm <sup>2</sup> (1"sq) 2mm / min @ Room Temp				
SUBSTRATE		kPal		
Stainless Steel	24hrs dwell	172		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			266 °F	130 °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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