

TECHNICAL DATA SHEET

Avery Dennison™ FT 273

FEATURES

- Specially designed extremely high tack adhesive
- High coat-weight adhesive
- Low density nonwoven carrier
- Easy release liner

BENEFITS

- Ideal for bonding to foamed rubbers and plastics used in the gasket, sound deadening and insulation industry
- Imparts a high degree of resistance to migration of volatile components of foamed rubbers and plastics (EPDM, Neoprene)
- Good bonding to uneven surfaces
- Whilst maintaining an exceptional conformability, the product is still capable of anchoring to low density foams
- Facilitates easy removal at point of application



CONSTRUCTION

Liner: Havana (yellow/brown) colored glassine

Adhesive 1: Permanent synthetic rubber adhesive

Carrier: Nonwoven

Adhesive 2: Permanent synthetic rubber adhesive



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mil's	MM's	Micron's (µm)
Liner		2.95	0.075	75
Carrier & Adhesive		4.53	0.115	115
Total Caliper		7.48	0.190	190
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	9.31	149	1630
	24 hr dwell	9.71	155	1700
Polycarbonate	20 min dwell	9.02	144	1580
	24 hr dwell	9.28	148	1625
Painted Steel	20 min dwell	9.16	147	1605
	24 hr dwell	9.31	149	1630
Rigid Polypropylene	20 min dwell	5.65	90	990
	24 hr dwell	6.28	100	1100
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	1.13	178	1950
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		158 °F	70 °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:

North America: +1 866 462 8379

Asia Pacific: +86 512 57155001

Europe: +32 (0)14 40 48 11

www.tapes.averydennison.com