

TECHNICAL DATA SHEET

Avery Dennison™ FT 73048 is a double coated tape with permanent solvent rubber adhesive to bond a wide variety of substrates. Double lined tape with good layflat properties for easy sheeting or die cutting

FEATURES

- Solvent based rubber adhesive
- Polyester carrier
- White polyethylene protected paper

BENEFITS

- Offers very high tack, peel and shear properties
- Excellent die-cutting properties
- Excellent lay-flat, perfectly suited for flat-bed die-cutting
- Resistant to water, detergents and alcohol



CONSTRUCTION

Liner MS: White polyethylene protected paper

Adhesive: Solvent rubber based adhesive

Carrier: 12 micron clear polyester film

Adhesive: Solvent rubber based adhesive

Liner LS: White polyethylene protected paper

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner MS		4.92	0.125	125
Liner LS		4.92	0.125	125
Carrier & Adhesive		3.54	0.090	90
Total Caliper		13.39	0.340	340
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	5.71	91	1000
	24 hr dwell	6.17	99	1080
Polypropylene	20 min dwell	5.71	91	1000
	24 hr dwell	5.94	95	1040
LOOP TACK (ASTM D6195)				
(12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	7.99	128	1400
DYNAMIC SHEAR (ASTM D- 1002)				
1"sq (6.25 cm2) 2mm/min@ Room Temp				
SUBSTRATE		N/625mm ²		
Stainless Steel	Initial	1100		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	+10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			158 °F	+70 °C
Short term temperature resistance			194 °F	+90 °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