TECHNICAL DATA SHEET

Avery Dennison™ FT 73049 is a double coated tape with permanent solvent rubber adhesive to bond a wide variety of substrates.

FEATURES

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

BENEFITS

- Offers very high tack, peel and shear properties
- Resistant to water, detergents and alcohol



CONSTRUCTION

Liner 1: White polyethylene coated paper
Adhesive 1 Liner: Solvent rubber based adhesive
Carrier: 12 micron clear polyester film
Adhesive 2 Unwind: Solvent rubber based adhesive

Classification: Avery Dennison - Public

Adhesive Properties

Typical Values

THICKNESS (ASTM D-3652)			**US Mils**	**MM's**	**Micron's (µm)**
Liner			4.92	0.125	125
Adhesive + Carrier			3.54	0.090	90
Total Caliper			8.46	0.215	215
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp					
SUBSTRATE			**Lbf / In**	**US Oz / In**	**N / Meter**
Stainless Steel	Liner	20 min dwell	5.71	91	1000
		24 hr dwell	5.94	95	1040
Polypropylene	Liner	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	6.85	110	1200
DYNAMIC SHEAR (ASTM D- 1002) 1"sq (6.25 cm2) 2mm/min@ Room Temp				**N/625mm²**	
Stainless Steel		Initial	1086		
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 with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance dry, and free of grease or oil

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

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