

TECHNICAL DATA SHEET

Avery Dennison™ FT 310 is a double coated polyester with a general purpose rubber adhesive on the laminating side and a low tack removable acrylic adhesive on the mounting side. The rubber side bonds to a variety of materials including foams and the acrylic side provides for clean removability from most surfaces. FT 310 is used for general industrial applications requiring removability.

FEATURES

- High tack laminating adhesive
- Specially designed removable mounting side adhesive
- Strong plastic carrier
- Medium release liner
- Removability

BENEFITS

- Provides good initial adhesion to a wide variety of packaging substrates and low density PE foams
- Clean removal from plastic, wood and glass surfaces
- Excellent resistance to UV light
- Excellent die-cutting characteristics
- Offers clean removability from most surfaces for up to one year (Not suitable for nitrocellulose lacquer surfaces)



CONSTRUCTION

Liner: White glassine

Adhesive 1: Removable acrylic

Carrier: Polyester

Adhesive 2 Unwind: Rubber



Performance
Tapes

Adhesive Properties	Typical Values		
THICKNESS (ASTM D3652)	US Mil's	MM's	Micron's (µm)
Liner	2.64	0.067	67
Carrier + adhesive	2.70	0.069	68.5
Total Caliper	5.33	0.136	135.5
PEEL ADHESION (ASTM D3330)			
180° (12") 300 mm / min @ Room Temp			
SUBSTRATE	REMOVABLE MS	Lbf / in	N / Meter
Stainless Steel	24 hr dwell	0.8	140
Painted Steel		0.9	165
Polypropylene		0.5	95
PEEL ADHESION (ASTM D3330)			
180° (12") 300 mm / min @ Room Temp			
SUBSTRATE	PERMANENT LS	Lbf / in	N / Meter
Stainless Steel	24 hr dwell	6.0	1050
Painted Steel		5.1	900
Polypropylene		4.2	730
LOOP TACK (ASTM D6195)			
(12") 300 mm / min @ Room Temp			
SUBSTRATE	PERMANENT LS	Lbf / in	N / Meter
Glass		7.2	1261
LOOP TACK (ASTM D6195)			
(12") 300 mm / min @ Room Temp			
SUBSTRATE	REMOVABLE MS	Lbf / in	N / Meter
Glass		0.7	120
TEMPERATURES		°F	°C
Minimum Application Temperature		50 °F	10 °C
Minimum Service Temperature		-40 °F	-40 °C
Maximum Service Temperature		176 °F	80 °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

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

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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