

TECHNICAL DATA SHEET

Avery Dennison™ FT 73312 is a double coated polyester with a High Adhesion Rubber adhesive on the laminating side and a low tack removable acrylic adhesive on the mounting side. FT 73312 was designed for removable protection in transportation and housing markets, PU foam bonding, bubble wrap, packaging and protection.

FEATURES

- High tack laminating adhesive
- Specially designed removable mounting side adhesive
- Strong plastic carrier
 - Polyester (clear) with 70% Post Consumer Recycled content
 - PCR content in the core layer with virgin skin layers
 - PCR based on chemical recycling process
- Medium release, glassine, natural release liner with recycled content:
 - 15% PCR fibres "Post Consumer Recycled Content"
 - Remaining virgin fibres are unbleached
 - No dyes added, providing a natural color
 - Less chemicals in production & recycling
 - 78 gsm natural glassine 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: Glassine natural liner with recycled content

Adhesive 1: Removable UV acrylic

Carrier: 12 μ Polyester with 70% post consumer recycled content

Adhesive 2 Unwind: High Adhesion Rubber



Performance
Tapes

Adhesive Properties		Typical Values	
THICKNESS (ASTM D3652)	US Mils	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	0.25	44
Painted Steel		0.30	50
Polypropylene		0.20	35
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp			
SUBSTRATE	PERMANENT LS	Lbf / in	N / Meter
Stainless Steel	24 hr dwell	8.28	1450
Painted Steel		8.11	1420
Polypropylene		7.25	1270
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp			
SUBSTRATE	REMOVABLE MS	Lbf / in	N / Meter
Glass		0.91	160
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp			
SUBSTRATE	PERMANENT LS	Lbf / in	N / Meter
Glass		9.25	1620
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 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 packaging.

For more information on our bonding tapes and adhesive solutions, call us:

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