

TECHNICAL DATA SHEET

Avery Dennison™ FT 310 SA 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 SA is used for general industrial applications requiring removability and it has a glassine natural liner with recycled content, reducing the ecological footprint, contributing to CO₂ reduction.

FEATURES

- 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
- 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
- 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)
- Reduced environmental impact



CONSTRUCTION

Liner: Glassine natural liner with recycled content

Adhesive 1: Removable acrylic

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

Adhesive 2 Unwind: Rubber

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

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 packaging.



Sustainable ADvantage

Our flagship products and solutions portfolio Sustainable ADvantage helps to set the benchmark for innovation, sustainability and regeneration across the entire supply chain.

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