



FT 8300

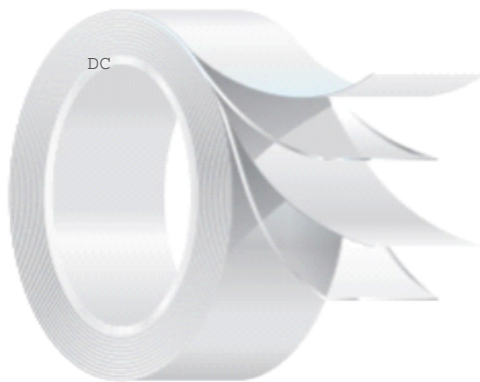
Avery Dennison FT 8300 is a 3.3 mil double coated polyester with a plasticizer resistant acrylic adhesive on the laminating side and a low tack removable acrylic adhesive on the mounting side. The plasticizer resistant acrylic side bonds to vinyl, rubber, and mildly plasticized materials and the acrylic side provides for clean removability from most surfaces. FT 8300 is used for general industrial applications requiring removability.

FEATURES

- Double coated construction
- Low adhesion/low tack acrylic adhesive
- Plasticizer resistant acrylic adhesive
- Polyester film carrier
- Super calendered kraft release liner

BENEFITS

- Dimensional stability with good die cutting
- Temporarily repositionable
- Bonds well to PVC and mild plasticized materials
- High strength and good die cutting and converting performance
- High strength with excellent die cutting performance



CONSTRUCTION:

Liner:

64# White Kraft

Adhesive 1:

General Purpose Acrylic

Carrier:

Polyester

Adhesive 2:

General Purpose Acrylic

FT 8300**Adhesive Properties:**

Thickness	ASTM D-3652	Typical Values		
		US Mils	MM's	Micron's (µm)
Liner		3.6	0.09	91
Adhesive - Unwind		2.0	0.05	51
Carrier		0.5	0.01	13
Adhesive - Liner		0.8	0.02	20
Total Caliper without Liner:		3.3	0.08	155
Total Caliper:		6.9	0.18	84

Peel Adhesion

ASTM D1000

180° 12 in (305 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	72 hr dwell	1.0	176
	Unwind		6.4	1,127
ABS	Liner	72 hr dwell	3.5	616
	Unwind		5.7	1,004

Loop Tack

ASTM D6195

180° 20 in (508 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	Initial	1.3	229

Static Shear

ASTM D3654

180° 1" sq (6.5 cm²) 1000 g

Substrate			Mins to Fail
SS	Liner	24 hr dwell	> 10,000

TEMPERATURES

	° F	° C
Minimum Application Temperature	50° F	30° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	250° F	120° C

THE LISTED VALUES ARE TYPICAL 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

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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