



FT 8397

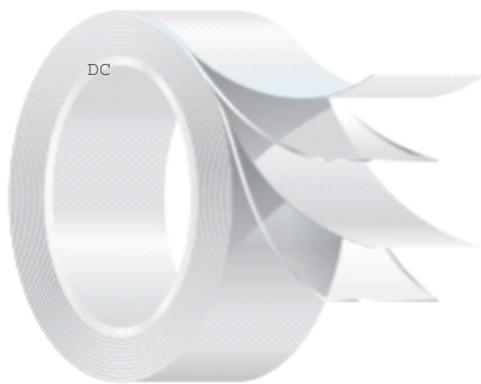
Avery Dennison™ FT 8397 was designed for applications requiring quick stick and good adhesion to plastics and other low surface energy substrates.

FEATURES

- Polyester carrier
- Specially formulated acrylic adhesive
- Densified kraft release liner

BENEFITS

- Excellent processing and die-cutting stability
- Good adhesion and tack to low surface energy substrates
- Adhesive resists mild plasticizers and environmental exposures
- Made in the USA



CONSTRUCTION:

- Liner:**
60# White Kraft
- Adhesive 1:**
Acrylic
- Carrier:**
Polyester
- Adhesive 2:**
Acrylic

FT 8397**Adhesive Properties:**

Thickness	ASTM D3652	Typical Values		
		US Mils	MM's	Micron's (µm)
Liner		3.5	0.09	89
Adhesive 1 - Liner		1.0	0.03	25
Carrier		0.5	0.01	13
Adhesive 2 - Unwind		1.2	0.03	30
Total Caliper without Liner:		2.7	0.07	69
Total Caliper:		6.2	0.16	157

Peel Adhesion ASTM D3330

180° 12 in (305 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	Initial	6.3	1,109
	Unwind		6.8	1,197
ABS	Liner	Initial	4.9	863
	Unwind		5.7	1,004
PP	Liner	Initial	5.6	986
	Unwind		5.2	916
Talc PP	Liner	Initial	3.3	581
	Unwind		3.4	599
HDPE	Liner	Initial	2.6	458
	Unwind		3.4	599
TPO	Liner	Initial	4.8	845
	Unwind		5.2	916
Painted Metal	Liner	Initial	3.9	687
	Unwind		4.2	740

Loop Tack ASTM D6195

180° 20 in (508 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	Initial	9.0	1,585
	Unwind		7.9	1,391

Static Shear ASTM D3654180° 1" sq (6.5 cm²) 2500 g @ Room Temp

Substrate			Mins to Fail
SS	Liner	Initial	> 150
	Unwind		> 150

SAFT STD-2431" sq (6.5 cm²) 1000 g

Substrate			Mins to Fail	Fail Temp °F	Fail Temp °C
SS	Liner	24 hr dwell	104	156	69
	Unwind		104	156	69

TEMPERATURES

	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	350° F	175° 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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