



FT 8374

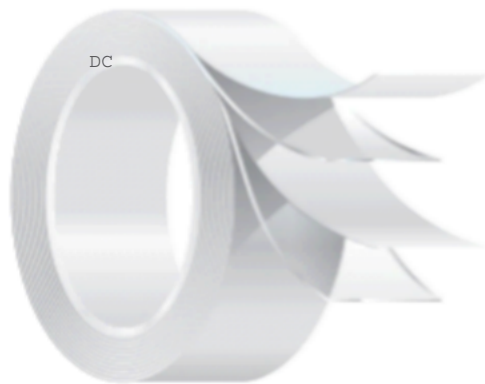
Avery Dennison FT 8374 was designed for applications requiring quick stick and good adhesion to low surface energy substrates

FEATURES

- Polyester carrier
- Specialty formulated adhesive
- Densified kraft release liner

BENEFITS

- Adhesive combines high tack and adhesion with excellent shear
- Excellent substrates
- Good die-cutting characteristics



CONSTRUCTION:

- Liner:**
80# White Kraft
- Adhesive 1:**
Rubber
- Carrier:**
Polyester
- Adhesive 2:**
Rubber

FT 8374**Adhesive Properties:**

Thickness	ASTM D3652	Typical Values		
		US Mils	MM's	Micron's (µm)
Liner		4.4	0.11	112
Adhesive 1 - Liner		2.4	0.06	61
Carrier		0.5	0.01	13
Adhesive 2 - Unwind		2.5	0.06	64
Total Caliper without Liner:		5.4	0.14	137
Total Caliper:		9.8	0.25	249

Peel Adhesion

ASTM D3330

180° 12 in (305 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	Initial	11.4	2,008
	Unwind		12.3	2,166
ABS	Liner	Initial	1.4	247
	Unwind		11.6	2,043
PP	Liner	Initial	9.8	1,726
	Unwind		11.9	2,096
Talc PP	Liner	Initial	7.3	1,286
	Unwind		8.0	1,409
LDPE	Liner	Initial	5.6	986
	Unwind		5.5	969
HDPE	Liner	Initial	5.6	986
	Unwind		5.5	
TPO	Liner	Initial	11.0	1,937
	Unwind		11.6	2,043
Painted Metal	Liner	Initial	11.1	1,955
	Unwind		11.9	2,096

Loop Tack

ASTM D6195

180° 20 in (508 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	Initial	18.6	3,275
	Unwind		18.8	3,311

Static Shear

ASTM D3654

180° 1" sq (6.5 cm²) 1000 g @ Room Temp

Substrate			Mins to Fail
SS	Liner	Initial	> 10,000
	Unwind		> 10,000

TEMPERATURES

	° F	° C
Minimum Application Temperature	50° F	10° C
Maximum Continuous Operating Temperature	150° F	66° C
Maximum Intermittent Operating Temperature	175° F	80° 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.

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