FT 8345

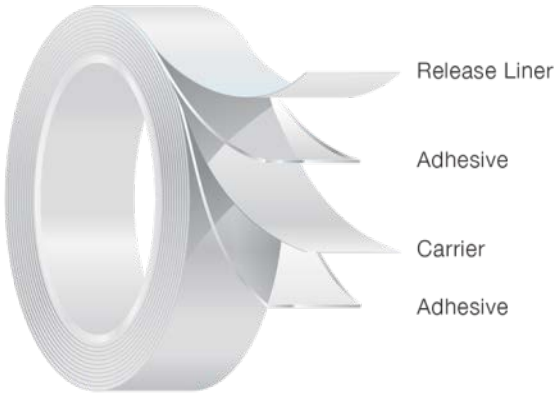
Designed for applications requiring an aggressive adhesive for use on a wide variety of substrates. This product is ideal when good die-cutting characteristics and dimensional stability are needed.

FEATURES:

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

BENEFITS:

- Excellent processing and die-cutting stability
- Combines high tack and adhesion with excellent shear strength
- Excellent adhesion to low surface energy substrates



CONSTRUCTION:

Liner:
Densified Kraft
Adhesive 1 Liner:
Rubber
Carrier:
Polyester
Adhesive 2 Uwind:
Rubber

FT 8345

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	**US Mils**	**MM's**	**Microns (µm)**
Liner:		3.6	0.09	91
Carrier & Adhesives:		5.3	0.13	134
Total Caliper:		8.9	0.23	225

PEEL ADHESION Test Method(s): PSTC-101, ASTM D-3330, STD-10

2 mil PET 180º 12" min

Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	Initial	11.2	179	1961
	Unwind	Initial	10.2	163	1786
ABS	Liner	Initial	8.3	133	1453
	Unwind	Initial	7.9	126	1383
PP	Liner	Initial	8.1	130	1418
	Unwind	Initial	7.5	120	1313
Talc PP	Liner	Initial	8.0	128	1401
	Unwind	Initial	7.8	125	1366
LDPE	Liner	Initial	5.8	93	1016
	Unwind	Initial	6.0	96	1051
HDPE	Liner	Initial	5.9	94	1033
	Unwind	Initial	5.9	94	1033
Aluminum	Liner	Initial	9.8	157	1716
	Unwind	Initial	8.7	139	1523
Painted Metal	Liner	Initial	9.8	157	1716
	Unwind	Initial	9.5	152	1663

LOOP TACK Test Method(s): PSTC-16, STD-7

2 mil PET 20" min

Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	Initial	19.1	306	3344
	Unwind	Initial	18.7	299	3274

STATIC SHEAR Test Method(s): PSTC-107, ASTM D 3654, STD-9

2 mil PET 1" sq (6.5 cm2) 5.5 lbs (2.5 kg)

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

TEMPERATURES	° F	° C
Minumum Service Temperature	-40 º F	-40 º C
Maximum Service Temperature	175 º F	79 º 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 64-72ºF (18-22ºC) / 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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