



## FT 8305

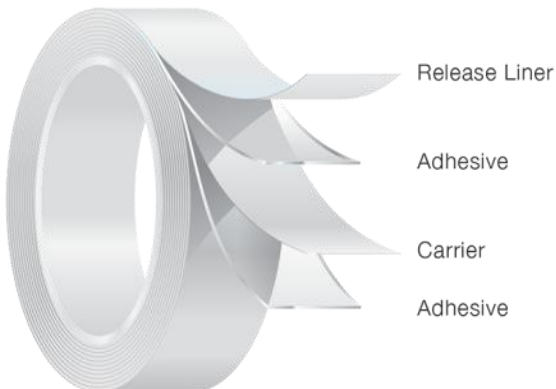
Designed for applications requiring an aggressive adhesive with good die-cutting characteristics

**FEATURES:**

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

**BENEFITS:**

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

**CONSTRUCTION:****Liner:**

Densified Kraft

**Adhesive 1 Liner:**

Rubber

**Carrier:**

Polyester

**Adhesive 2 Uwind:**

Rubber

**FT 8305**

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		3.6	0.09	91
Carrier & Adhesives:		2.9	0.07	74
Total Caliper:		6.5	0.17	166

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10			
2 mil PET 180° 12" min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	Initial	8.4	134	1471
	Unwind	Initial	8.5	136	1488
ABS	Liner	Initial	6.8	109	1189
	Unwind	Initial	7.2	115	1255
PP	Liner	Initial	6.6	105	1154
	Unwind	Initial	7.2	114	1252
Talc PP	Liner	Initial	5.9	94	1024
	Unwind	Initial	6.3	100	1096
LDPE	Liner	Initial	5.3	84	919
	Unwind	Initial	5.4	86	939
HDPE	Liner	Initial	5.9	95	1038
	Unwind	Initial	6.2	100	1093
TPO	Liner	Initial	7.8	124	1361
	Unwind	Initial	8.4	135	1474
Painted Metal	Liner	Initial	7.2	115	1259
	Unwind	Initial	7.5	120	1308

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	14.8	237	2591
	Unwind	Initial	16.4	262	2872

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
Min Application Temp		50 ° F	10 ° C
Max Continuous Operating Temp		175 ° F	79 ° C
Max Intermittent Operating Temp		200 ° F	93 ° 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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 <b>PERFORMANCE</b> Tapes	Asia Pacific Kunshan, China, NO. 618 Nanhe Road Kunshan Economic & Technological Zone China, 215335 Phone: +86 512 57155001 Fax: +86 512 57155059	Europe Tieblokkenlaan 1 B-2300 Turnhout Belgium Phone: +32 (0)14 40 48 11 Fax: +32 (0)14 40 48 55	South America Rua Francisco Foga, 225 13280-000 Vinhedo SP Brazil Phone: +55 19 3876 7736 Fax: +55 19 3876 7682	North America 250 Chester Street Painesville, Ohio 44077 USA Phone: +1 866-462-8379 Fax: +1 888-358-4469
	 <a href="http://www.marianinc.com">www.marianinc.com</a> 1-800-773-0062			