FT 445

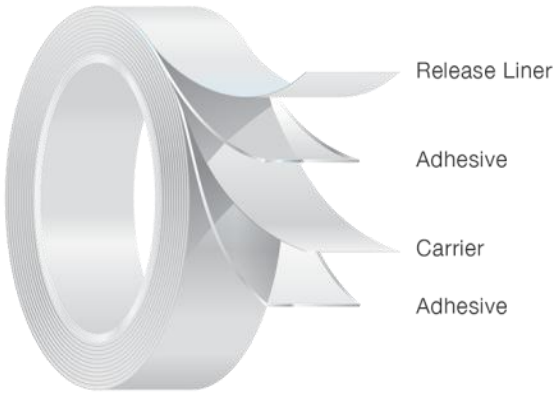
Designed for applications requiring an aggressive adhesive for use on a wide variety of substrates

FEATURES:

- Specially formulated adhesive
- Polypropylene carrier
- Densified kraft release liner

BENEFITS:

- Stability in processing
- 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:
BOPP
Adhesive 2 Uwind:
Rubber

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Adhesive Properties:			Typical Values		
Thickness	Test Method(s): PSTC-133		**US Mils**	**MM's**	**Microns (µm)**
Liner:			3.6	0.09	91
Carrier & Adhesives:			3.3	3.28	83
Total Caliper:			6.9	3.37	175

PEEL ADHESION	Test Method(s): PSTC-101, A				
2 mil PET 180º 12" min					
Substrate			**Lbf / In**	**US Oz / In**	**N / Meter**
SS	Liner	Initial	9.5	152	1663
	Unwind	Initial	8.6	138	1506
ABS	Liner	Initial	7.3	116	1275
	Unwind	Initial	7.0	111	1217
PP	Liner	Initial	7.0	112	1229
	Unwind	Initial	7.8	125	1371
Talc PP	Liner	Initial	7.1	113	1240
	Unwind	Initial	6.6	106	1161
LDPE	Liner	Initial	5.4	86	946
	Unwind	Initial	5.5	88	963
HDPE	Liner	Initial	5.5	88	960
	Unwind	Initial	5.8	93	1023
TPO	Liner	Initial	9.2	147	1609
	Unwind	Initial	9.3	148	1625

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	14.3	228	2495
	Unwind	Initial	18.0	287	3145

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	**º F**	**º C**
Min Application Temp	50 º F	10 º C
Max Continuous Operating Temp	175 º F	79 º C
Max Intermittent Operating Temp	200 º F	93 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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