



FM 2116

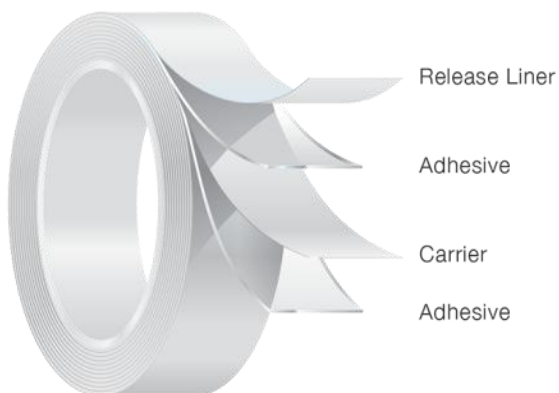
Designed for bonding to surfaces requiring conformability, cushioning and a high degree of adhesive performance

FEATURES:

- Combines high tack and adhesion with excellent shear performance
- Conformability to irregular surfaces
- Excellent compression and shear properties
- Densified kraft release liner

BENEFITS:

- Strong bond to a variety of substrates
- Conformability to irregular surfaces
- Product reliability



CONSTRUCTION:

Liner:

Densified Kraft

Adhesive 1 Liner:

Rubber

Carrier:

4# White IT Foam

Adhesive 2 Uwind:

Rubber

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Adhesive Properties:		Typical Values	
Thickness	Test Method(s): PSTC-133	US Mils	MM's
Liner:		3.3	0.08
Adhesive 1 Liner:		2.3	0.06
Carrier:		63.0	1.60
Adhesive 2 Uwind:		2.3	0.06
Total Caliper:		70.9	1.80

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET	Initial	180°	12" min	
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Liner	6.6	106	1156
	Unwind	6.6	106	1156

LOOP TACK		Test Method(s): PSTC-16, STD-7		
2 mil PET	180°	20" min		
Substrate		Lbf / in	US Oz / In	N / Meter
SS	Liner	6.7	107	1173
	Unwind	6.5	104	1138

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET	72°F / 22°C	1" sq (6.5 cm2)	5.5 lbs (2.5 kg)	
Substrate		Min to Fail		
SS	Liner	> 10,000		
	Unwind	> 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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