



FBA 1960

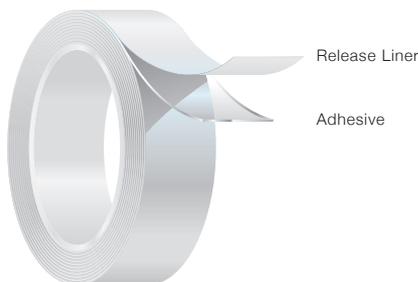
Designed for use in foam bonding applications bonding to medium and high surface energy substrates.

FEATURES:

- High tack acrylic adhesive
- Superior die cutting properties
- Densified kraft release liner

BENEFITS:

- Excellent initial tack and adhesion
- Adheres to a wide variety of substrates
- Excellent foam bonding characteristics



CONSTRUCTION:

Adhesive:

Modified Acrylic

Liner:

80# Densified Kraft

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Physical Properties		Typical Values		
THICKNESS		US Mils		MM's
Adhesive		1.7		0.04
Liner		4.6		0.12
Total		6.3		0.16
*PSTC-133				
PEEL ADHESION				
2 mil PET 180° 12" / min				
Substrate	Condition	Lbf / in	US Oz / in	N / Meter
SS	Liner - Initial	7.4	118	1294
	Liner - 24 hr dwell	7.6	121	1326
ABS	Liner - Initial	6.7	107	1175
	Liner - 24 hr dwell	7.1	114	1248
PP	Liner - Initial	6.1	97	1065
	Liner - 24 hr dwell	6.9	111	1212
Talc PP	Liner - Initial	5.6	90	984
	Liner - 24 hr dwell	6.4	102	1119
HDPE	Liner - Initial	3.4	55	602
	Liner - 24 hr dwell	4.1	65	714
TPO	Liner - Initial	5.0	80	872
	Liner - 24 hr dwell	5.3	85	933
Painted Metal	Liner - Initial	6.9	110	1201
	Liner - 24 hr dwell	8.3	132	1450
Aluminum	Liner - Initial	7.9	127	1385
	Liner - 24 hr dwell	7.9	126	1383
Glass	Liner - Initial	7.8	125	1366
	Liner - 24 hr dwell	7.8	124	1357
*PSTC-101, ASTM D-3330, STD-10				
STATIC SHEAR				
Foil 1/2" sq (3.25 cm ²) 1000 g				
Substrate	Test Side	Min to Fail		
SS	Liner	>6,000		
*PSTC-107, ASTM D 3654, STD-9				
SAFT				
Foil 1" sq (6.5 cm ²) 1000 g				
Substrate	Test Side	Fail Temp °F		
SS	Liner	161°F		
*ASTM D 3654, STD-243				
TEMPERATURES				
Min Application Temp	50°F	10°C		
Max Continuous Operating Temp	200°F	93°C		
Max Intermittent Operating Temp	250°F	121°C		
*TEST METHODS				

Note: The listed values are typical only and not intended to serve as product specifications

APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

STORAGE AND SHELF LIFE

The shelf life of the product is one year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, in original packaging.

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For more information on our bonding tapes and adhesive solutions, visit Tapes.AveryDennison.com