



FT 8311

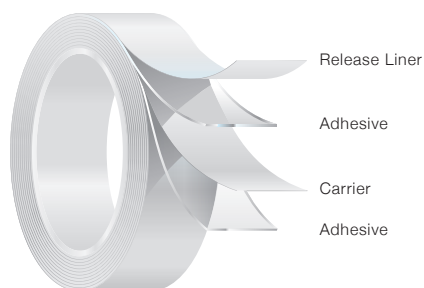
Designed for a variety of applications requiring initial quick stick. Excellent for foam bonding applications. Used in electronic and packaging applications.

FEATURES:

- Readily bonds to a variety of foams and plastics
- Polyester carrier
- Densified kraft #80 release liner
- Double-coated construction

BENEFITS:

- Excellent bond to most surfaces
- Stable in processing and die-cutting
- Excellent foam bonding characteristics



CONSTRUCTION:

Unwind Adhesive:
High-Tack Acrylic

Carrier:
Polyester

Liner Adhesive:
High-Tack Acrylic

Liner:
80 # Densified Kraft

FT 8311

Physical Properties		Typical Values		
THICKNESS		US Mils	MM's	
Unwind Adhesive		1.8	0.05	
Carrier		0.5	0.01	
Liner Adhesive		1.8	0.05	
Liner		4.6	0.12	
Total		8.7	0.23	
*PSTC-133				
PEEL ADHESION				
2 mil PET 180° 12" min Initial				
Substrate	Test Side	Lbf / in	US Oz / in	N / Meter
SS	Liner	4.6	74	805
	Unwind	4.4	70	770
*PSTC-101, ASTM D-3330, STD-10				
LOOP TACK				
2 mil PET 20" min Initial				
Substrate	Test Side	Lbf / in	US Oz / in	N / Meter
SS	Liner	3.9	62	683
	Unwind	3.4	54	595
*PSTC-16, STD-7				
STATIC SHEAR				
2 mil PET 72°F / 22°C @ Initial 1" sq (6.5 cm ²) 2500 g				
Substrate	Test Side	Min to Fail		
SS	Liner	> 10,000		
	Unwind	> 10,000		
*PSTC-107, ASTM D 3654, STD-9				
TEMPERATURES				
Min Application Temp		50°F	10°C	
Max Continuous Operating Temp		225°F	107°C	
Max Intermittent Operating Temp		275°F	135°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.

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.

© 2013 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. Avery™ and all other Avery Dennison brands, product names, antenna designs and codes or service programs are trademarks of Avery Dennison Corporation.



Performance
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

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