



FT 1159

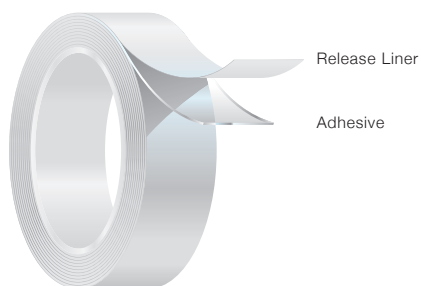
Designed for applications requiring good quick stick and adhesion to low surface energy substrates and foams.

FEATURES:

- Aggressive, high tack adhesive
- Heavy densified release liner
- Easy liner release

BENEFITS:

- Excellent adhesion to low surface energy substrates and foams
- Conforms to substrate contours and irregular surfaces
- Good die cutting characteristics



CONSTRUCTION:

Adhesive:

Rubber Based

Liner:

80 # Densified Kraft

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Physical Properties		Typical Values	
THICKNESS		US Mils	MM's
Adhesive		2.2	0.06
Liner		4.6	0.12
Total		6.8	0.17
*PSTC-133			
PEEL ADHESION			
2 mil PET 180° 12" / min Initial			
Substrate	Lbf / in	US Oz / in	N / Meter
SS	11.3	181	1979
PP	7.2	115	1261
LDPE	5.6	90	981
*PSTC-101, ASTM D-3330, STD-10			
PEEL ADHESION			
Substrate	Lbf / in	US Oz / in	N / Meter
Ether Urethane Foam *	7.5	120	1313
*PSTC-101, ASTM D-3330, STD-10			
PEEL ADHESION			
3 mil PET 90° 12" / min Initial			
Substrate	Lbf / in	US Oz / in	N / Meter
Ether Urethane Foam *	4.4	70	770
*PSTC-101, ASTM D-3330, STD-10			
LOOP TACK			
2 mil PET 20" / min Initial			
Substrate	Lbf / in	US Oz / in	N / Meter
Ester Urethane Foam*	7.5	120	1313
*PSTC-16, STD-7			
STATIC SHEAR			
2 mil PET 72F° / 22°C @ Initial 1" sq (6.5 cm ²) 5.5 lbs (2.5 kg)			
Substrate	Min to Fail		
SS	>5,000		
*PSTC-107, ASTM D 3654, STD-9			
TEMPERATURES			
Min Application Temp	50°F	10°C	
Max Continuous Operating Temp	150°F	66°C	
Max Intermittent Operating Temp	175°F	79°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 two years 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.

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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**