



## FT 1159

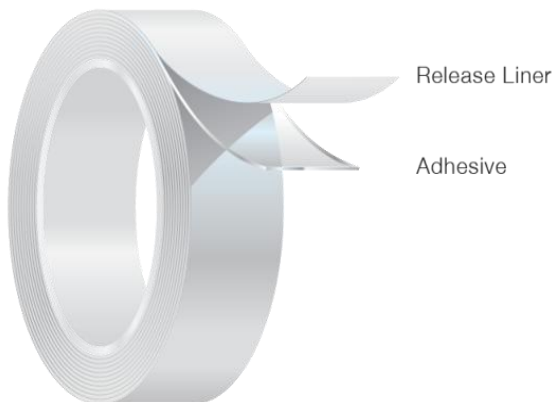
Designed for applications requiring good quick stick and adhesion to low surface energy substrates and foams.

### 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:

#### Liner:

Densified Kraft

#### Adhesive:

Rubber

**FT 1159**

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		4.6	0.12	117
Adhesive:		2.2	0.06	56
Total Caliper:		6.8	0.17	173

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET 180° 12" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Initial	11.3	181	1979
PP	Initial	7.2	115	1261
LDPE	Initial	5.6	90	981

LOOP TACK		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET 180° 20" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS		7.5	120	1313

STATIC SHEAR		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET 1" sq (6.5 cm <sup>2</sup> ) 5.5 lbs (2.5 kg)				
Substrate		Min to Fail		
SS		> 5,000		

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	150 ° F	65 ° C
Max Intermittent Operating Temp	175 ° F	79 ° 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.

Please refer to [Tapes.AveryDennison.com](http://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.

© 2015 Avery Dennison Corporation. All rights reserved. Avery Dennison® is a registered trademark of Avery Dennison Corporation. 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