



## FT 1158

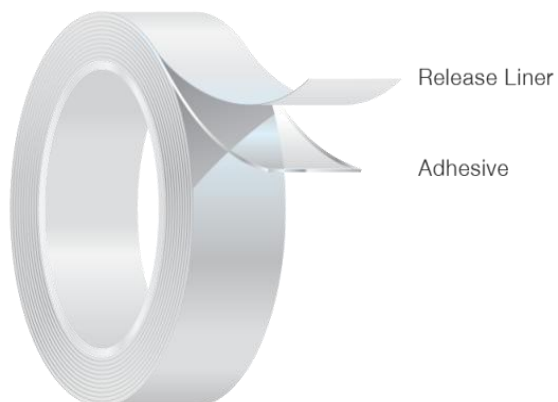
Ideal for Applications requiring an aggressive acrylic adhesive with excellent die-cutting and slitting properties

### FEATURES:

- Specially formulated reinforced acrylic adhesive
- Heavy adhesive mass
- High performance board liner

### BENEFITS:

- Excellent tack and adhesion
- Allows good rotary die-cutting and stripping characteristics
- Provides stability during slitting
- Excellent foam bonding performance



### CONSTRUCTION:

#### Liner:

Densified Kraft

#### Adhesive:

Modified Acrylic

**FT 1158**

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		4.6	0.12	117
Adhesive:		5.2	0.13	132
Total Caliper:		9.8	0.25	249

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	9.1	146	1593
ABS	Initial	8.8	141	1541
PP	Initial	8.7	139	1523
Talc PP	Initial	8.7	139	1523
LDPE	Initial	4.8	77	840
HDPE	Initial	5.0	80	876
TPO	Initial	8.6	138	1506
Painted Metal	Initial	8.6	138	1506

LOOP TACK		Test Method(s): PSTC-16, STD-7		
2 mil PET 20" min				
Substrate		Lbf / In		
SS	Initial	9.8		

STATIC SHEAR		Test Method(s): PSTC-16, STD-7		
2 mil PET 1" sq (6.5 cm <sup>2</sup> ) 5.5 lbs (2.5 kg)				
Substrate		Min to Fail		
SS	Initial	> 70		

TEMPERATURES		° F	° C
Min Application Temp		50 ° F	10 ° C
Max Continuous Operating Temp		125 ° F	51 ° 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.

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