



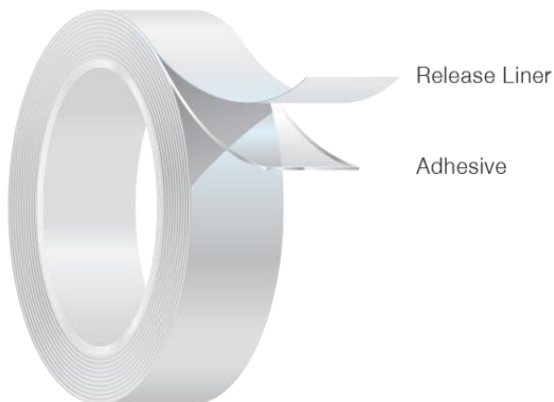
FT 117

FEATURES:

- Specially designed adhesive
- Uniform adhesive thickness
- Flexible adhesive film
- Easy release liner

BENEFITS:

- Excellent adhesion to a variety of metals, rigid and foamed plastics/rubber (EPDM, Neoprene)
- Consistent application performance
- Good conformability to flat or curved surfaces
- High resistance to volatile components of foamed rubbers and plastics
- Facilitates easy removal at point of application



CONSTRUCTION:

Liner:

White Glassine

Adhesive

Rubber

FT 117

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		2.8	0.07	70
Adhesive:		2.4	0.06	61
Total Caliper:		5.2	0.13	131

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	20 min dwell	10.3	164	1800
	24 hr dwell	10.6	169	1849
Polycarbonate	20 min dwell	9.7	155	1700
	24 hr dwell	9.7	155	1700
Painted Steel	20 min dwell	9.5	152	1660
	24 hr dwell	9.9	158	1730
Polypropylene	20 min dwell	6.9	110	1199
	24 hr dwell	7.4	119	1299

LOOP TACK		Test Method(s): PSTC-16, STD-7		
2 mil PET 20" min				
Substrate		Lbf / In	US Oz / In	
SS	Initial	11.4	183	2000

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm2) 1000 g				
Substrate		Min to Fail		
SS	Initial	> 900		

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	149 ° F	65 ° C
Max Intermittent Operating Temp	158 ° F	70 ° 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

- Two years 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 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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