



FT 0816

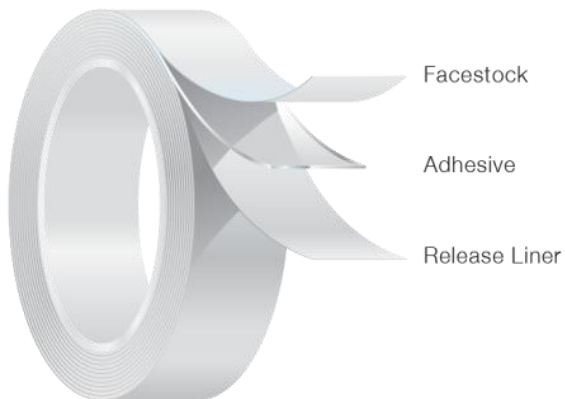
FT 0816 was developed for use in sound deadening applications, where the adhesive was secured to polyether-urethane foams.

FEATURES:

- Aggressive acrylic-based adhesive
- Densified kraft release liner
- Thick foil facestock

BENEFITS:

- Provides good temperature and aging resistance
- Provides strength and a moisture barrier
- Product reliability

**CONSTRUCTION:****Carrier:**

Aluminum Foil

Adhesive

Acrylic

Liner:

Densified Kraft

FT 0816

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US MILs	MM's	Microns (µm)
Liner:		3.6	0.09	91
Adhesive:		4.7	0.12	119
Carrier:		5.0	0.13	127
Total Caliper:		13.3	0.34	338

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
Product	Initial 180° 12" min			
Substrate		Lbf / In	US Oz / In	N / Meter
SS		6.6	106	1156

LOOP TACK		Test Method(s): PSTC-16, STD-7		
Product	180° 20" min			
Substrate		Lbf / in	US Oz / In	N / Meter
SS		9.1	146	1593

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
Product	@ 1" sq (6.5 cm2) 5.5 lbs (2.5 kg)			
Substrate		Min to Fail		
SS		> 500		

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	200 ° F	93 ° C
Max Intermittent Operating Temp	250 ° F	121 ° 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 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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