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Surface Preparation

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.

Temperatures

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

Storage and Shelf Life

One year when stored at 70°F (21°C) 50% RH out of direct

PRODUCT DESCRIPTION

Applications

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 DATA

Product Construction

Carrier	Aluminum Foil
Adhesive	Acrylic
Liner	60# Densified Kraft
	Total Construction

Test Methods: PSTC-133

<u>US Mils</u>	<u>MM's</u>
5.0	0.13
4.7	0.12
3.6	0.09
13.3	0.34

Limited Warranty

All statements, technical information and recommendations concerning products sold or samples provided by AVERY DENNISON are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All products are sold and samples of products provided with the understanding that PURCHASER has independently determined the suitability of such products for its purposes. AVERY DENNISON warrants the products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year* after the initial date of shipment, AVERY DENNISON shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with AVERY DENNISON's standards, correct such defects by suitable repair or replacement without charge at AVERY DENNISON's plant or at the location of the products (at AVERY DENNISON's election) provided, however, if AVERY DENNISON determines that the repair or replacement is not commercially practical, AVERY DENNISON shall issue credit in favor of PURCHASER in an amount not to exceed the purchase price of the products.

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Adhesive Properties

Peel Adhesion

Product	180°	12" / min	Initial
<u>Substrate</u>		<u>Test Side</u>	
SS		Liner	

Test Method(s): PSTC-101, ASTM D-3330, STD-10

<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
6.6	106	1156

Loop Tack

Product	180°	20" / min	Initial
<u>Substrate</u>		<u>Test Side</u>	
SS		Liner	

Test Method(s): PSTC-16, STD-7

<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
9.1	146	1593

Static Shear

Product @	72°F / 22°C	1" sq (6.5 cm ²)	5.5 lbs (2.5 kg)
<u>Substrate</u>		<u>Test Side</u>	<u>Min to Fail</u>
SS		Liner	> 500

Test Method(s): PSTC-107, ASTM D 3654, STD-9