TAPE, FASTENERS & SEAL.ANTS

FASSON® 1803

Spec # 55869

Single-Coated Aluminum Foil Tape

AVERY DENNISON

Specialty Tape Division

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Surface Preparation
It is essential, as with all pressure-sensitive tapes, that the 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	175° F	79° C
Max Intermittent Operating Temp	200° F	93° C

Storage and Shelf Life
One year when stored at 70ºF (21ºC) 50% RH out of direct

Underwriters Laboratories Inc.		Surface Burning Characteristcs to	
UL723	Flame Spread 10	Smoke Developed	15

PRODUCT DESCRIPTION

Applications
Suitable for die-cut shapes, shielding, moisture and vapor barrier sealing components or lamination to insulation materials.

Features
Highly conformable dead-soft 1.5 mil foil face stock
Quick-stick rubber-based adhesive
Strong bleached 40# densified kraft liner

Benefits
Conformable foil bonds to curved contoured surfaces
Strong bond to a variety of substrates
Product reliability

PRODUCT DATA

(Not for Specification Use)

Product Construction

Test Methods: PSTC-33, ASTM D-1000, TAPPI T-411-M-44

		US Mils	MM's
Carrier	Aluminum Foil	**1.5**	**0.04**
Liner Adh	Rubber Based	**1.6**	**0.04**
Liner	40 # Densified Kraft	**2.5**	**0.06**
	Total Construction	**5.6**	**0.14**

Adhesive Properties

Peel Adhesion

Test Method(s): PSTC-3, ASTM D-3330, STD-10

Product 180º 12" min Initial

Substrate	Test Side	Lbf / in	US Oz / in	N / Meter
SS	Liner	**7.5**	**120**	**1313**

Loop Tack

Test Method(s): PSTC-5, STD-7

Product 180º 20" min Initial

Substrate	Test Side	Lbf / in	US Oz / in	N / Meter
SS	Liner	**9.0**	**144**	**1576**

Static Shear

Test Method(s): PSTC-7, ASTM D 3654, STD-9

Product @ 72ºF / 22ºC 1/2" sq (3.25 cm2) 2.2 lbs (1 kg)

Substrate	Test Side	Min to Fail
SS	Liner	**> 10,000**

Static Shear

Test Method(s): PSTC-7, ASTM D 3654, STD-9

Product @ 72ºF / 22ºC 1" sq (6.5 cm2) 10 lbs (4.5 kg)

Substrate	Test Side	Min to Fail
SS	Liner	**> 10,000**

Limited Warranty

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