

Insulation Tapes Thermafiber® Aluminum Foil & FSK Tape

- + Provides vapor seal for seams and edges of foil faced insulation
- + Exceptional adhesion in hot, moderate, and cold weather
- + Easily conforms to irregular surfaces and corners
- + UL 723 Listed
- + Available for toploding on truckloads of Thermafiber products or LTL shipment
- + Available in a variety of widths



Aluminum Foil and FSK Tapes are used in curtain wall buildings like these in New York City. The tapes work in conjunction with foil faced FireSpan™ Curtain Wall Insulation to create a vapor barrier for the building envelope.



FSK Tape is used to seal the edges of a mullion cover (FireSpan™ 90) prior to mechanically securing the mullion cover with Thermafiber's patented Impasse® Spiral Anchors.

Thermafiber[®]
THE NAME IN MINERAL WOOL™



Made in the USA



Thermafiber® Aluminum Foil & FSK Tape

Description:

THERMAFIBER Aluminum Foil and FSK Tapes are engineered to provide a vapor seal between curtain wall mullions and FSP faced FireSpan™ curtain wall insulation or other foil faced Thermafiber insulation products. Coated with a special cold weather, acrylic, pressure sensitive adhesive system that combines superior quick stick at normal temperatures with superior low temperature performance. Recommended for use down to -25°F as well as normal and very high temperatures. These are the ultimate in cold weather tapes.

Product Options:

- Aluminum Foil Tape, 2 Mil, high strength aluminum foil coated with an aggressive, high temperature acrylic adhesive system.
- FSK Tape, tri-directionally reinforced with 2 x 3 sq./in. fiberglass scrim, U.L. listed foil/scrim/kraft lamination.

Installation:

1. The surface to which the tape is to be applied should be free of oils, dust and dirt. The surface should be cleaned with a dry cloth.
2. The release liner should then be removed 1-2 feet at a time and the adhesive face pressed firmly on the insulation facing. Care should be taken not to stretch the tape tightly as this will create buckles and voids in the contact area. Care must also be taken to apply the tape on center so that there is adequate area on both sides of the joint for the tape to bond. Uneven width distribution also puts additional shear stress on the smaller side of the butt joint.
3. The tape should then be wiped firmly from the center out (like wallpaper) with the black soft side of the white plastic wiping tool enclosed with each carton. The more pressure that is applied, the more surface contact will be reached, therefore, the greater the bond surface.
4. The tape should then be cut and fitted with a knife and scissors. The same wiping instructions should be used as in Step #3.

Standard Sizes:

	Widths*	Length/Roll	Rolls/Case*
Aluminum Foil Tape	2.5"	50 Yards	20
Aluminum Foil Tape	3"	50 Yards	16
FSK Tape	2"	50 Yards	24
FSK Tape	3"	50 Yards	16
FSK Tape	4"	50 Yards	12
FSK Tape	6"	50 Yards	8

*Minimum order quantity is one case, other sizes may be available upon request

Technical Data:

	Aluminum Foil Tape		FSK Tape	
	Imperial	Metric	Imperial	Metric
Thickness	3.25 mils (0.00325")	0.08255 mm	6.5 mils (0.0065")	0.165mm
Adhesion - Peel (PSTC 1)	96 oz/inch width	27.1 N/2.5cm	96 oz/inch width	27 N/2.5cm
Adhesion - Loop Tack	-	-	50 oz/inch width	14.2 N/2.5cm
Adhesion - Shear (PSTC 7) Indefinite @	2.2 psi	15.2 kPa	2 psi	13.8 kPa
Tensile (PSTC 31)	27 lbs/inch width	122 N/2.5cm	40 lbs/inch width	178 N/2.5cm
Elongation (PSTC 31)	4.4%	4.4%	2%	2%
Low Temperature Application	-25°F	-32°C	-25°F	-32°C
High Temperature Resistance	260°F	127°C	175°F	80°C
Low Environmental Resistance	-35°F	-37°C	-35°F	-37°C
Emmittance (ASTM C 1371)	0.03	-	0.03	-
WVTR (ASTM E 96 Proc. A)	0.02 U.S. Perms	-	0.02 U.S. Perms	-
Flame Spread (ASTM E 84)	5	5	5	5
Smoke Developed (ASTM E 84)	10	10	10	10

Standards Compliance:

Insulation Tapes meet the following:

ASTM C 1136	FSK Tape, Meets
UL File Number	R10984
U.S. Coast Guard	Aluminum Foil Tape (CGA #164.112/63/0)
British Standard	Aluminum Foil & FSK Tape, BS 476: Part 7, Class 1
British Standard	Aluminum Foil Tape, BS 476: Part 6, Class 0

Thermafiber Insolutions:™

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For Further Information:

For additional information about these or other Thermafiber products contact us at 1-888-834-2371 or visit our website www.thermafiber.com.

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Submittal Approvals:

Job Name	
Contractor	Date

