rFOIL® Reflective Insulation

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See rFOIL website for details

Product Description:

rFOIL® Aluminum Foil Adhesive Tapes seals seams and joints effectively with Aluminum Foil Tape with non-conductive adhesive for SCIF. Available in two sizes, 2" x 150' and 3" x 150', this tape is designed to complement the rFOIL Barrier foil products. The silver reflective foil tape features a conductive surface with a non-conductive adhesive, ensuring a complete seal and continuous vapor barrier. By sealing seams, this tape enhances the RF blocking capabilities of SCIF barrier materials, safeguarding against electronic and physical surveillance.

Acrylic pressure sensitive adhesive combines superior quick-stick at normal temperatures, with excellent low temperature performance below freezing. These tapes can help maintain a complete seal in radiant barrier systems and are resistant to moisture, flame spread and smoke generation. High temperature resistance makes rFOIL® tapes ideal for use in heat repelling applications.

Features:

- Pressure-sensitive acrylic adhesive forms a bond that strengthens with time
- Maintain a continuous vapor barrier and constant insulator
- In exposed applications, rFOIL® tapes help create a seamless finish to interior walls and ceiling

Available Configurations Per Request Only:

rFOIL® Adhesive Tapes are available with a metallized polyester, premium metallized polyester, aluminum, conductive aluminum, or a durable white poly surface. The acrylic adhesive was specially formulated for excellent performance at sub-freezing temperatures, without compromising ease of application.

APPLICATIONS

rFOIL TAPE PRODUCT CODES		rFOIL SURFACE APPLICATIONS	rFOIL INSULATION PRODUCTS TO BE USED WITH
15512	Aluminum Foil 2 inches	Used on rFOIL Products with an Aluminum Surface	rFOIL (1800) Series
15513	Aluminum Foil 3 inches	Used on rFOIL Products with an Aluminum Surface	rFOIL (1800) Series

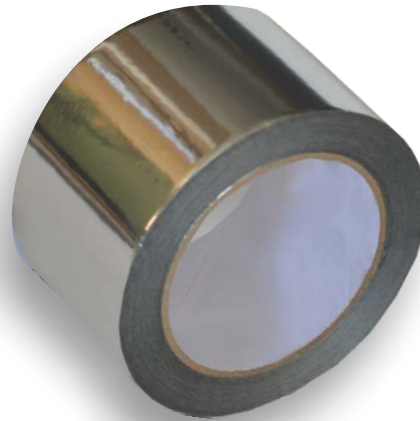## PRODUCT SPECIFICATIONS

Product Code Item Numbers and Sizes:	Item# Size 15512 - (2" x 150')	Item# Size 15513 - (3" x 150')			
Physical Properties	ALUMINUM FOIL for SCIF	ALUMINUM FOIL for SCIF			
THICKNESS	2.8 MILS (0.0028")	2.8 MILS (0.0028")			
PEEL ADHESION	46 oz. / in. width	46 oz. / in. width			
BACKING	Aluminum Foil	Aluminum Foil			
ELONGATION	4%	4%			
TENSILE STRENGTH	15 lbs. / in.	15 lbs. / in.			
TEMPERATURE RESISTANCE	-40°C to 121°C	-40°C to 121°C			
ADHESIVE	Acrylic	Acrylic			
FIRE CLASSIFICATION	UL723	UL723			

All tape specifications and sizes are subject to change without notice   Published: August 25, 2022

Covertech FLEXIBLE PACKAGING *A Division of Balcan Innovations Inc.*

Available on:
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TECHNICAL DATA SHEET
APPLICATION INSTRUCTIONS for rFOIL® TAPES

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APPLICATION INSTRUCTIONS:

1. The surface to which the tape is to be applied must be free of oils, dust, and dirt. The surface must be cleaned with a dry cloth.

2. The release liner should then be removed 1-2 feet at a time (if applicable) 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 on both sides of the joint for 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 a plastic wiping tool (enclosed with a full carton).
   Note: To obtain a greater bond, apply more pressure to the tape surface.

4. Be sure to cut the end of the tape to the appropriate length.

IMPORTANT INFORMATION
The information cited is in good faith and has been established from sources held to be secure and reliable. The values listed are typical properties and are not intended to be used as specifications for defined applications. User must determine the product suitability for the end use application and assume all risks and liabilities.

Please contact COVERTECH FLEXIBLE PACKAGING INC. to discuss specification ranges.

*LBA*TECHNOLOGY is an authorized dealer and distributor of rFOIL® products in the USA and worldwide.

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