

# TECHNICAL DATA SHEET

to interior walls and ceiling

- In exposed applications, rFOIL® tapes help create a seamless finish



### Product Description:

rFOIL<sup>®</sup> Adhesive Tapes are available in four varieties: Aluminum, Aluminum Conductive, White Polyethylene and Metallized Foil. All rFOIL<sup>®</sup> tapes provide an excellent vapor barrier seal and are specifically designed for use with all rFOIL<sup>®</sup> Insulation Products.

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<sup>®</sup> 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

#### Available Configuration:

rFOIL<sup>®</sup> 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	
15072 and 15073	Standard Metallized Foil	Used on rFOIL Products with a Metallized Surface	rFOIL (2200 and 4800) Series	
15113	Premium Metallized Foil	For use on rFOIL Duct Insulation Products	rFOIL (2260, 2280 and 2290) Series	
15512 and 15513	Aluminum Foil	Used on rFOIL Products with an Aluminum Surface	rFOIL (1800) Series	
15852 and 15853	White Poly	Used on rFOIL Products with a Poly Surface	rFOIL (1620, 2500, 2600, 4320 and 4700) Series	
11702 Aluminum Conductive Foil		Used on rFOIL Products with an Aluminum Surface	rFOIL (1800) Series (for SCIF Applications)	

#### PRODUCT SPECIFICATIONS

Product Code Item Numbers and Sizes:	Item# Size 15072 - (2" x 180') 15073 - (3" x 180') Length may vary between 150-180'	ltem# Size 15113 - (3" x 150')	ltem# Size 15512 - (2" x 150') 15513 - (3" x 150')	ltem# Size 11702 - (2" x 54')	Item#         Size           15852         - (2" x 150')           15853         - (3" x 150')
Physical Properties	STANDARD METALLIZED FOIL	PREMIUM METALLIZED FOIL	ALUMINUM FOIL	ALUMINUM Conductive foil	WHITE POLY
THICKNESS	3.0 MILS (0.003")	3.2 MILS (0.0032")	2.8 MILS (0.0028")	3.2 MILS (0.0032")	2.0 MILS (0.002")
PEEL ADHESION	30 oz. / in.	60 oz. / in.	46 oz. / in. width	35 oz. / in.	22.0 oz. / in.
BACKING	Polypropylene (BOPP)	Polypropylene (BOPP)	Aluminum Foil	Aluminum Shielding Effectiveness (69db)	White Polypropylene (BOPP)
ELONGATION	130%	130%	4%	5%	_
TENSILE STRENGTH	20 lbs. / in.	20 lbs. / in.	15 lbs. / in.	20 lbs. / in.	20 lbs. / in.
TEMPERATURE RESISTANCE	-40°C to 85°C	-40°C to 85°C	-40°C to 121°C	-40°C to 130°C	-30°C to 120°C
ADHESIVE	Acrylic	Acrylic	Acrylic	Acrylic Conductive	Acrylic
FIRE CLASSIFICATION	UL723	UL723	UL723	UL510	_

All tape specifications and sizes are subject to change without notice



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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.



#### **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.



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