



# TECHNICAL DATA SHEET

## rFOIL® SEAM TAPES (Non-conductive tapes)



### Product Description:

rFOIL® Adhesive Tapes are available in two varieties: White Polyethylene and Metallized Foil.  
All rFOIL® tapes provide an excellent vapor barrier seal and are specifically designed for use with all rFOIL® 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® 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
- **Not recommended for 1800 Ultra NT products**

### Available Configuration:

rFOIL® Adhesive Tapes are available with a metallized polyester, premium metallized polyester, 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
15852 and 15853 White Poly	Used on rFOIL Products with a Poly Surface	rFOIL (1620, 2500, 2600, 4320 and 4700) Series

### PRODUCT SPECIFICATIONS

ITEMS AND SIZES	Item# Size	Item# Size	Item# Size
PRODUCT CODES	15072 - (2" X 180') 15073 - (3" X 180')	15113 - (3" X 150')	15852 - (2" X 150') 15853 - (3" X 150')
PHYSICAL PROPERTIES	STANDARD METALLIZED FOIL	PREMIUM METALLIZED FOIL	WHITE POLY
THICKNESS	3.0 MILS (0.003")	3.2 MILS (0.0032")	3.54 MILS (0.00354")
PEEL ADHESION	54 oz. / in.	54 oz. / in.	60 oz. / in.
BACKING	Polypropylene (BOPP)	Polypropylene (BOPP)	Polyester Film (PET)
ELONGATION	100%	100%	20%
TENSILE STRENGTH	21.6 lbs. / in.	21.6 lbs. / in.	20 lbs. / in.
TEMPERATURE RESISTANCE	-30°C to 100°C	-30°C to 100°C	-40°C to 120°C
ADHESIVE	Acrylic	Acrylic	Acrylic
FIRE CLASSIFICATION	UL723	UL723	—

All tape specifications and sizes are subject to change without notice.



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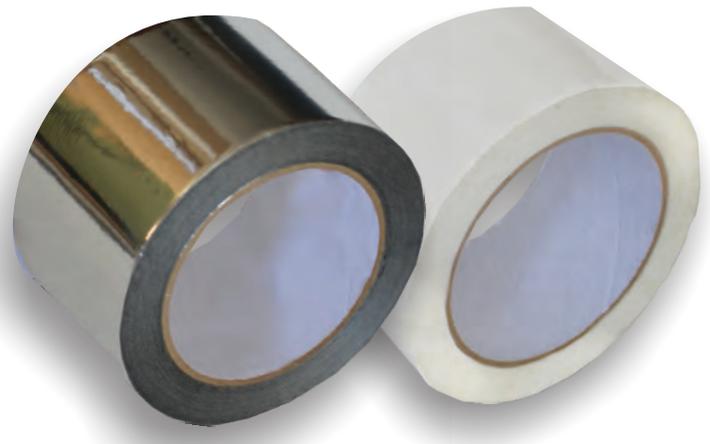
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### APPLICATION INSTRUCTIONS:

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 BALCAN INNOVATIONS INC. to discuss specification ranges.

