



Big 8 HVAC

REFLECTIVE DUCTWRAP INSULATION

SKUs:

EF2280-48-050, EF15113

Application Summary:

residential and commercial duct applications



Contact Us

888.349.3645

customerservice@ecofoil.com



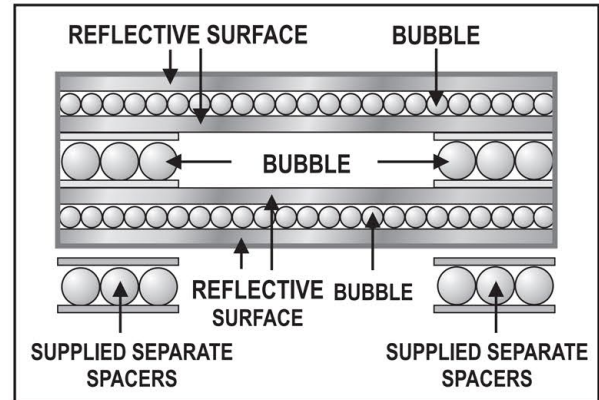
BIG-8 REFLECTIVE DUCT INSULATION

Product Description:

EcoFoil® BIG-8 Reflective Duct Insulation consist of two layers of thick polyethylene bubble pack reflective insulation connected by 2-inch wide spacers.

Install the separate set of 2" Spacer Strips (included with the BIG-8 product) around the perimeter of the duct at every 2ft interval followed by wrapping the BIG-8 over the spacers. This product has on it a code certification strip that identifies the brand name and pertinent testing information for duct applications. This inspector friendly tape means no hassles at the jobsite and peace of mind for installers.

The Big-8 Reflective Duct Insulation has been tested to an R-8 and is classified as Class 1/Class A in accordance with the ASTM E84-09 fire test standard. The product was mounted in accordance to ASTM-E2599-08.



Stock Sizes Available (Rolls):

Size:	48" x 50'
Part#:	EF2280-48-050

**BIG-8 is now ICC-ES listed (ESL-1044)
(ICC-ES Evaluation Report ESR-1236)**

Features:

- R-Value 8 (with Spacer Strips)
- Approved vapor barrier protection
- Inhibits condensation, mould and fungi growth
- Improves HVAC system efficiency
- No foam corner spacers needed
- Thermal performance unaffected by moisture
- Non-Toxic / Non-Carcinogenic

Applications:

- Duct Insulation

Physical Properties	Test	Value
THERMAL RESISTANCE	ASTM C335	R-8 with BUBBLE SPACERS
TEMPERATURE RANGE	ASTM C411	-50°F to 180°F
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A
EMISSIVITY	ASTM C1371	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.029 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1338-08	DOES NOT PROMOTE GROWTH
BLEEDING and DELAMINATION	ASTM C1224-03	NO BLEEDING or DELAMINATION
PLIABILITY	ASTM C1224-03	NO CRACKING
TEMPERATURE and HUMIDITY RESISTANCE	ASTM C1258	Evidence of Delamination - NONE
		Evidence of Corrosion - NONE
		Loss of Metallization - MINIMAL
FIRE RATING - FULL ROOM BURN	NFPA 286	PASSES



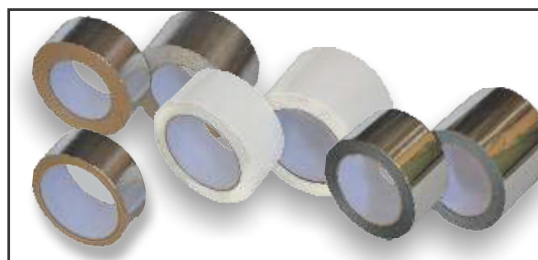
INSULATION TAPE

Product Description:

EcoFoil® Insulation Tapes are available in four varieties: Aluminum, Aluminum Conductive, White Polyethylene and Metalized Foil. All EcoFoil tapes provide an excellent vapor barrier seal and are specifically designed for use with all EcoFoil® 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 EcoFoil® tapes ideal for use in heat repelling application.



Available Configurations:

EcoFoil® Adhesive Tapes are available with a metalized polyester, premium metalized 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.

Features:

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

PRODUCT SPECIFICATIONS

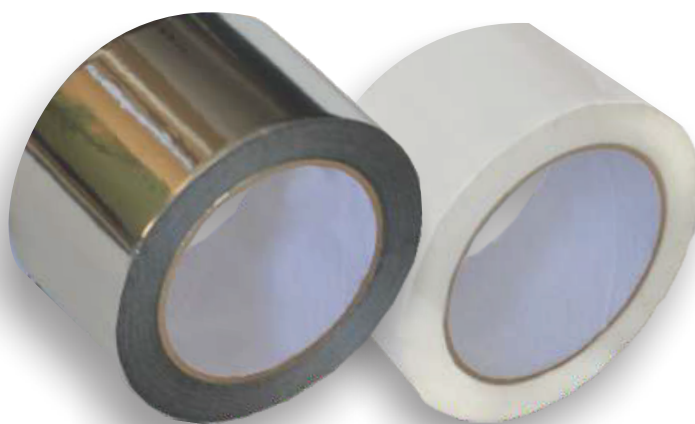
Product Code Item Numbers and Sizes:	EF15073 3" x 180'	EF15113 3" x 150'	EF15513 3" x 150'	EF11702 2" x 54'	EF15853 3" x 150'
Physical Properties	STANDARD METALIZED FOIL	PREMIUM METALIZED FOIL	ALUMINUM FOIL	ALUMINUM CONDUCTIVE FOIL	WHITE POLY
THICKNESS	3.0 MILS (0.003")	3.2 MILS (0.0032")	2.8 MILS (0.0028")	3.0 +/- 0.1 mils	2.0 MILS (0.002")
PEEL ADHESION	30 oz. / in.	60 oz. / in.	46 oz. / in. width	25 oz/in (2.7 N/cm)	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.	14 lb/in (25 N/cm)	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	Electrically Conductive Acrylic	Acrylic
FIRE CLASSIFICATION	UL723	—	UL723	UL510	—



INSULATION TAPE

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 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 for suitability for the end use application and assume all risks and liabilities.



MSDS Sheets

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MATERIAL SAFETY DATA SHEET

2280 SERIES BIG-8 REFLECTIVE DUCT INSULATION

March 2021

SECTION 1: PRODUCT IDENTIFICATION

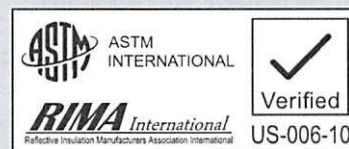
NAME: rFOIL® 2280 SERIES BIG-8 REFLECTIVE DUCT INSULATION
DESCRIPTION: R-8.0 REFLECTIVE DUCT INSULATION
MANUFACTURER: COVERTECH FLEXIBLE PACKAGING INC.
ADDRESS: 279 HUMBERLINE DRIVE ETOBICOKE, ONTARIO, CANADA M9W 5T6
TELEPHONE: 800-837-8961 or 888-887-3645 FAX: 416-798-1342

SECTION 2: HAZARDOUS INGREDIENTS

THESE PRODUCTS ARE NOT CONSIDERED TO BE HAZARDOUS, AND ARE NOT CLASSIFIED AS 'CONTROLLED PRODUCTS'. THEY ARE COMPRISED PRINCIPALLY OF POLYETHYLENE AND METALIZED FILM THAT ARE NON HAZARDOUS.

SECTION 3: PHYSICAL DATA

BOILING POINT: NOT APPLICABLE
TEMPERATURE RANGE: -50°F TO 180°F
WATER VAPOUR PERM: 0.029 PERMS
APPEARANCE: FLEXIBLE SHEET
ODOR: NONE



SECTION 4: FIRE and EXPLOSION DATA

FLAME SPREAD: 15 (ASTM E84-10)
SMOKE DEVELOPMENT: 50 (ASTM E84-10)
EXTINGUISHING MEDIA: CO2, DRY CHEMICAL, WATER OR FOAM
USUAL FIRE HAZARDS: METALIZED FILM MATERIALS ARE NOT HIGHLY FLAMMABLE, BUT IN CONTACT WITH FLAME THEY WILL MELT AND BURN.

SECTION 5: REACTIVITY DATA

STABILITY: PRODUCTS ARE STABLE AND INERT TO MOST CHEMICALS. NONE CAUSE A VIOLENT REACTION.
INCOMPATIBILITY: CONSULT WITH MANUFACTURER PRIOR TO USING AS A CONTAINMENT OR BARRIER FOR CHEMICALS OTHER THAN WATER.

SECTION 6: HEALTH HAZARD DATA

INHALATION: NONE
EYES & SKIN: NONE
INGESTION: PRODUCTS SHOULD NOT BE EATEN OR KEPT IN CONTACT WITH FOOD

SECTION 7: HEALTH HAZARD DATA

GENERALLY THE PRODUCTS REQUIRE NO SPECIAL PRECAUTIONS WHEN HANDLING. HOWEVER THE PRODUCTS MAY BECOME SLIPPERY WHEN WET, AND CARE SHOULD BE TAKEN WHEN WALKING ON THIS.

NOTE: THE INFORMATION CONTAINED IN THIS SHEET IS DISCLOSED IN GOOD FAITH AND IS PROVIDED TO THE BEST KNOWLEDGE OF THE MANUFACTURER. NEVERTHELESS IT IS NOT A WARRANTY AND COVERTECH FLEXIBLE PACKAGING INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED FROM THE USE OR INABILITY TO USE THE PRODUCT.



279 Humberline Drive Etobicoke, ON M9W 5T6
Toll Free: 1-800-837-8961 Local: 416-798-1340
Email: sales@rfoil.com Website: www.rfoil.com

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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: Metalized Polyester Tape

PART NO.: 2145CW

PRODUCT DESCRIPTION: Aluminium foil tape with a pressure sensitive adhesive and a paper liner.

COMPANY NAME: Matco Packaging Inc.

ADDRESS: 2519 Rue Cohen, Saint-Laurent, Quebec, H4R 2N5, Canada

EMERGENCY PHONE NO.: (514) 337-6050

DATE OF ISSUANCE: May 24, 2024

SECTION 2: HAZARD(S) IDENTIFICATION

NONE. THIS PRODUCT IS AN ARTICLE. SEE SECTION 15 FOR THE REGULATORY DEFINITION OF AN ARTICLE.

SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CHEMICAL ABSTRACT SERVICE (CAS) No.	CONCENTRATION (%)
NONE. THIS PRODUCT IS AN ARTICLE.		

SECTION 4: FIRST-AID MEASURES

NOT APPLICABLE. THIS PRODUCT IS AN ARTICLE.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER, DRY CHEMICAL, FOAM, OR CO₂

HAZARDOUS COMBUSTION PRODUCTS: SHORT AND LONG-CHAIN ORGANIC COMPOUNDS, CARBON DIOXIDE, CARBON MONOXIDE, AND PARTICULATE MATTER

PRECAUTIONS FOR FIRE-FIGHTING: WEAR self-contained breathing apparatus (SCBA) in close proximity to a fire

NFPA FLAMMABLE AND COMBUSTIBLE LIQUIDS CLASSIFICATION: N.A. THIS PRODUCT IS AN ARTICLE.

SECTION 6: ACCIDENTAL RELEASE MEASURES

N.A. THIS PRODUCT IS AN ARTICLE.

SECTION 7: HANDLING AND STORAGE

N.A. THIS PRODUCT IS AN ARTICLE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

N.A. THIS PRODUCT IS AN ARTICLE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	SOLID. AN ARTICLE IN ROLL OR SHEET FORM.
UPPER/LOWER FLAMMABILITY LIMITS	N.A.
ODOR	N.A.
VAPOR PRESSURE	N.A.
ODOR THRESHOLD	N.A.
VAPOR DENSITY	N.A.
pH	N.A.
RELATIVE DENSITY	N.A.
MELTING POINT/FREEZING POINT	N.A.
SOLUBILITY	N.A.
INITIAL BOILING POINT AND BOILING RANGE	N.A.
FLASH POINT	N.A.
EVAPORATION RATE	N.A.
FLAMMABILITY	N.A.
PARTITION COEFFICIENT (N-OCTANOL/WATER)	N.A.
AUTO-IGNITION TEMPERATURE	N.A.
DECOMPOSITION TEMPERATURE	N.A.
VISCOSITY	N.A.

SECTION 10: STABILITY AND REACTIVITY

THIS PRODUCT IS AN ARTICLE. IT IS STABLE AND IT IS NOT REACTIVE.

SECTION 11: TOXICOLOGICAL INFORMATION

THIS PRODUCT IS AN ARTICLE. UNDER NORMAL CONDITIONS OF USE THIS PRODUCT DOES NOT RELEASE MORE THAN SMALL QUANTITIES, I.E., MINUTE TO TRACE AMOUNTS, OF A HAZARDOUS CHEMICAL AND DOES NOT POSE A PHYSICAL OR HEALTH RISK TO EMPLOYEES. SEE SECTION 15 FOR THE DEFINITION OF AN ARTICLE.

SECTION 12: ECOLOGICAL INFORMATION

N.A. THIS PRODUCT IS AN ARTICLE. SEE SECTION 15 FOR THE DEFINITION OF AN ARTICLE.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION 14: TRANSPORTATION INFORMATION

THIS PRODUCT IS AN ARTICLE, NOT A HAZARDOUS MATERIAL. IT CAN BE SHIPPED BY COMMON CARRIER.

SECTION 15: REGULATORY INFORMATION

THIS PRODUCT IS AN ARTICLE

THIS PRODUCT IS A MANUFACTURED ITEM OTHER THAN A FLUID OR PARTICLE WHICH IS FORMED TO A SPECIFIC SHAPE OR DESIGN DURING MANUFACTURE, WHICH HAS END USE FUNCTIONS DEPENDENT IN WHOLE OR IN PART UPON ITS SHAPE AND DESIGN DURING END USE, AND WHICH UNDER NORMAL CONDITIONS OF USE DOES NOT RELEASE MORE THAN SMALL QUANTITIES, I.E., MINUTE TO TRACE AMOUNTS, OF A HAZARDOUS CHEMICAL AND DOES NOT POSE A PHYSICAL OR HEALTH RISK TO EMPLOYEES.

CALIFORNIA PROPOSTION 65

WARNING-THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING TOLUENE (CAS. 108-88-3) WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

WARNING- THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING NICKEL (CAS.7440-02-0) WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

SECTION 16: OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND. EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY THEM AND MUST MAKE AN INDEPENDENT DETERMINATION OF SUITABILITY AND COMPLETENESS OF INFORMATION FROM ALL SOURCES TO ASSURE PROPER USE OF THESE MATERIALS AND THE SAFETY AND HEALTH OF THEIR EMPLOYEES.

Brochure

Contact Us

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"Big 8" Ductwork Insulation

Reduce energy costs and prolong the life of HVAC systems

Whether you need to cool or warm your building, HVAC duct wrap insulation will minimize heat gain or loss as air travels through your ducts, allowing your heating and cooling systems to work more efficiently all year long. It's designed for application on all types of ductwork—circular, rectangular, or square—within residential or commercial buildings.

R-8 DUCTWORK INSULATION:



Prevents heat from
radiating **into** ducts



Lightweight &
easy to handle



Prevents heat from
escaping **out of** ducts



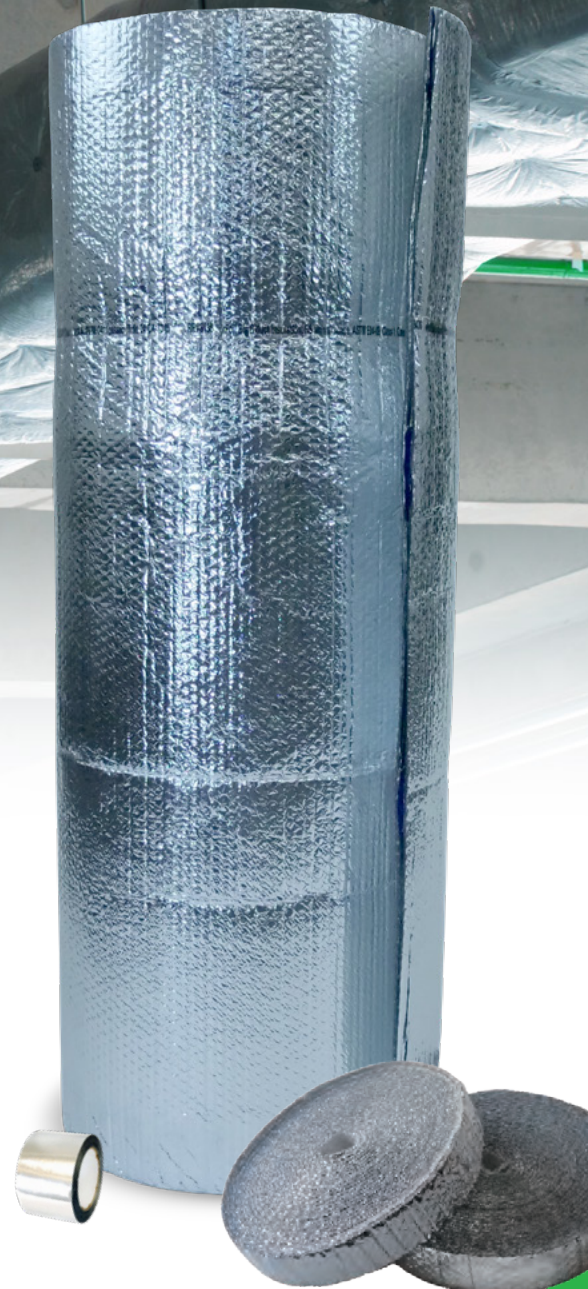
Installs quickly
& easily



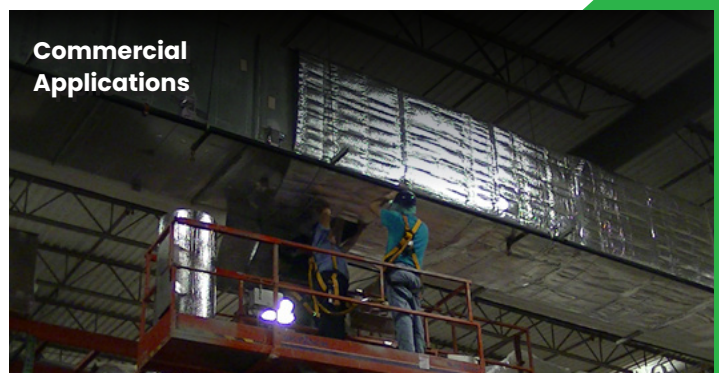
FREE Shipping,
no minimum order
quantities



Unbeatable
service



Residential
Applications



Commercial
Applications

BULK PRICING
AVAILABLE



R-8 HVAC Duct Wrap Insulation

4' X 50' (200 SQ FT) PER ROLL

EcoFoil R-8 HVAC Duct Insulation Wrap is specifically designed to reduce radiant heat gain and loss in residential and commercial ductwork applications. This insulation wrap also prevents condensation from forming, which is a common problem in many climates. Seal seams with Premium High Tack HVAC Tape to maintain a vapor barrier.

FEATURES:

- **EFFECTIVE**—R-Value 8 with Spacer Strips (*included*)
- **FLEXIBLE**—can be installed on round, rectangular, or square ducts (*not rated for exterior use*)
- **VAPOR BARRIER**—approved vapor barrier protection when seams are sealed with tape
- **SAVES ENERGY**—Improves HVAC system efficiency
- **CONVENIENT**—Inspector-friendly code strip
- **PREVENTS CONDENSATION**—Strategic placement of air gaps reduces contact between hot & cold air
- **EASY TO INSTALL**—No foam corner spacers needed
- **SAFE**—Non-Toxic / Non-Carcinogenic. No mineral fiber or fiberglass core... *No itch!*
- **FREE SHIPPING**—Ships fast and free with no minimum order quantities

Scan code to learn more

Call us at **888.349.3645**
for bulk order pricing



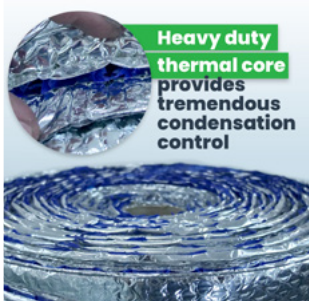
inspector
friendly
code strip



200 sq. ft.
per roll



Heavy duty
thermal core
provides
tremendous
condensation
control



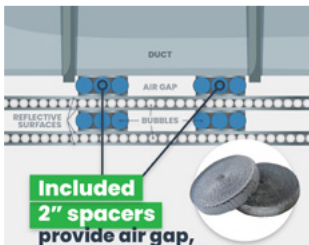
Improves
HVAC system
efficiency
in commercial
& residential
applications



Stops virtually all heat
from radiating into or
out of duct systems



Included
2" spacers
provide air gap,
preventing heat from
escaping via conduction



About EcoFoil

EcoFoil is an Iowa-based, employee-owned, award-winning company that prides itself on hard work and customer service. Contact us today to learn more about our line of energy-saving products.



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