Reflectix® Duct Insulation is an alternative to other types of fibrous insulation products. Ease of handling and quick installation make Reflectix® the first choice when selecting insulation for outdoor round or rectangular ductwork. The product provides an R-5.6 when installed with a 0.375” air gap between the duct and the insulation.

**PRODUCT DESCRIPTION**

Reflectix® Outdoor Duct Insulation consists of two outer layers of aluminum foil that reflect 97% of radiant heat. The outside layer of foil is made of heavier foil. Each layer of foil is bonded to a tough layer of polyethylene for strength. Two inner layers of insulating bubbles resist conductive heat flow while a center layer of polyethylene gives Reflectix® high reliability and strength.

**BENEFITS**

- Non-toxic / non-carcinogenic
- Fiber-free
- Lowers heating and cooling costs
- Reflects 97% radiant heat
- Costs less to install
- Lightweight and clean
- Not affected by moisture or humidity
- Does not promote nesting of birds, insects or rodents
- Resists growth of fungi, mold and mildew
- Does not require protective clothing or respirators to install
- ISO 9001:2015 Certified Manufacturing Location

**REFLECTIX® DUCT INSULATION PART NUMBERS AND STOCK SIZES**

- CDW48050 (48” x 50’)

**APPLICATIONS**

Install Reflectix® Outdoor Duct Insulation on the exterior of rectangular or round sheet metal ducts and spaces, or surfaces where temperature and condensation must be controlled.
TESTING & CERTIFICATIONS

- Thermal Performance ASTM C518
- Hot Surface Performance ASTM C411
- Flame Spread and Smoke Density ASTM E84
- Fungus Resistance Mil-Std 810B Method 508
- Pliability Test ASTM C1224
- Water Vapor Transmission ASTM E96
- Tensile Strength ASTM C751
- Emittance Testing ASTM C1371
- State of California
- State of California Licensed Insulation Manufacturer
- State of Minnesota: Filed with Minnesota Insulation Standards Program
- R&D Services Emittance Testing
- Warnock Hersey Professional Services, LTD: Physical Properties Sheet Width, Length, Pliability, Water Vapor Permanence and Aged Water Vapor Permanence Report # 1/92
- Warnock Hersey Professional Services, LTD: Water Vapor Transmission Test ASTM-E96 (Dessicant Method) Report # 1/91

MANUFACTURER’S SUGGESTED INSTALLATION INSTRUCTIONS

NOTE: Installation instructions and illustrated drawings are recommendations only, while proper local construction methods are the responsibility of the installer.

SPACER WRAPPED IN A CANDY CANE FASHION

SPACER: HVSPW02025 (REFLECTIX® SPIRAL PIPE WRAP 2”x 25’)

- Refer to the two diagrams above.
- Make sure all sheet metal joints, seams and penetrations are sealed.
- Wrap and secure spacer material to the duct in a candy cane fashion. Proceed down the duct in one direction with a repeat of the wrap at 12” intervals. Use Butyl Foil Tape to fasten the spacer in place.
- Verify the circumference of the duct with the spacer strip in place.
- Cut the Reflectix® product to this length plus 1”.
- Wrap the product around the duct and securely tape the linear and circumference seams (overlapping 1” - 2”) with Butyl Foil Tape (goal is an air-tight, snug seam seal).
- Note: The heavier “reflective layer” side of the product should face the environmental elements.
- Do not leave any exposed duct or space where air can enter between the duct and the Reflectix®.

PLEASE NOTE REGARDING HANGERS:

Strap Hanger: Strap Reflectix® with the seam at the hanger. Tape seam tightly around hanger.

Saddle Hanger: Make sure that there is a spacer below the hanger, between the insulation and the duct, to prevent the insulation from touching the duct.

NOTE: Not to be used as duct liner.