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 round or rectangular ductwork in HVAC systems. The product provides an R-6.0 when installed flush, with an overlap across the top of the duct.

**PRODUCT DESCRIPTION**

The Reflectix® R-6.0 Duct Insulation is a nominal 1" thick and consists of two outer reflective surfaces that enclose a center layer of polyethylene big bubbles. The product has printed code certification that runs the length of the roll. The information includes R-value, ASTM numbers, manufacturer’s name and testing.

**BENEFITS**

- Itch and fiber-free
- Inhibits condensation
- Non-toxic / non-carcinogenic
- Lightweight and clean
- Lowers heating and cooling costs year-round
- Reflects 96% of radiant energy
- Costs less to install
- Requires less air space than fiberglass to achieve R-6.0
- Class A / Class 1 Fire Rating
- 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
- Not affected by moisture or humidity
- Reduces heat loss or gain in a duct system
- ISO 9001:2015 Certified Manufacturing Location

**REFLECTIX® PART NUMBERS AND STOCK SIZES**

- HVBB48075 (48" x 75’)

**APPROVED USAGE**

Residential, Commercial, Industrial and Institutional HVAC Systems

**APPLICATIONS**

Insulate external round and rectangular heating and air-conditioned duct work.
**TESTING & CERTIFICATIONS**

- Thermal Performance ASTM C335
- Thermal Conductivity and Thermal Resistance of Blanket 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
- Sound Absorption Test ASTM C423 and ASTM E795
- Sound Transmission Loss ASTM E90 and ASTM E413
- Water Vapor Transmission ASTM E96
- Tensile Strength ASTM D751
- Emittance Testing ASTM C1371
- Bleeding and Delamination ASTM C1668
- Intertek: Test for Surface Burning Characteristics of Building Materials ASTM E84-10b (Taped Joint Detail) Test Report # 100402776SAT-001D Rev 1
- Intertek: Test for Surface Burning Characteristics of Building Materials ASTM E84-10 (Unslit) Test Report # 100054110SAT-007G Rev 1
- R&D Services: Resistance to the Growth of Fungi ASTM C1338-00 Test Report # RD10510
- State of California
- State of California Licensed Insulation Manufacturer
- State of Minnesota: Filed with Minnesota Insulation Standards Program
- R&D Services Emittance Testing
- R&D Services: Physical Properties Sheet Width, Length, Pliability, Water Vapor Permanence and Aged Water Vapor Permanence
- R&D Services: Water Vapor Transmission Test ASTM-E96 (Dessicant Method)

**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.

**ROUND OR RECTANGULAR DUCTS**

- Make sure all metal joints, seams and penetrations are sealed.
- Verify circumference of the duct.
- Rectangular Duct: Cut the Reflectix® product to this length plus the width of the top panel of the duct.
- Round Duct: Cut the Reflectix® product to this length plus an additional 25% in length.
- Wrap the product around the duct and overlap the top panel (rectangular) or upper 25% (round) of the duct.
- Securely tape the linear and circumference seams with a UL181 Tape with Acrylic Adhesive (goal is an air-tight, snug seam seal). Do not leave any exposed duct or space where air can enter between the duct and the Reflectix®.

**PLEASE NOTE REGARDING HANGERS:**

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

**NOTE:** Not to be used as duct liner.