

R-8.0



Features AT A GLANCE:

Reduces overall thickness
of conventional R-8.0
wrap (3" to 1.25")

Inhibits condensation
on duct work

Reduces overall
heat loss or gain

WAREHOUSE LOCATIONS:

Markleville, IN

Phoenix, AZ

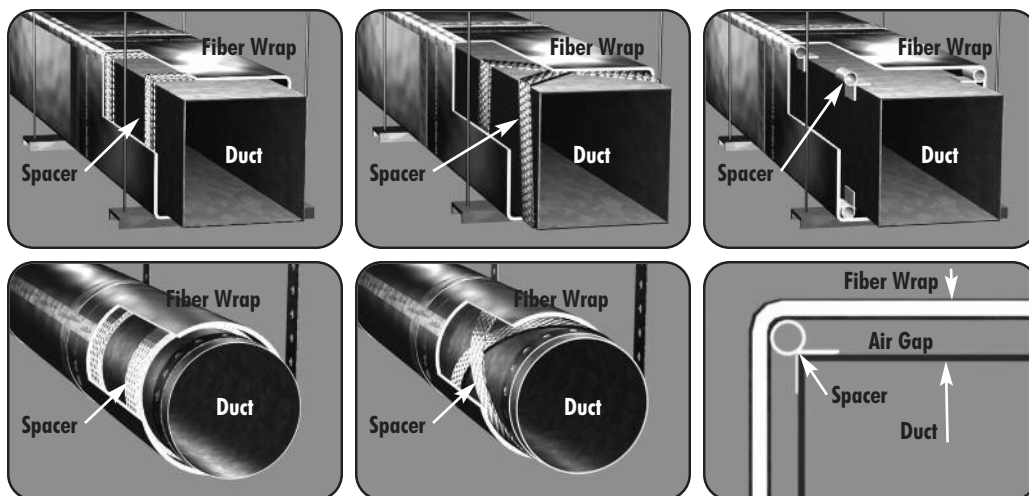
Greenville, SC

Needham, MA

Reflectix, Inc.
P.O. Box 108
Markleville, IN 46056
(800) 879-3645
Fax: (765) 533-2327
www.reflectixinc.com

REFLECTIX®

SUBMITTAL SHEET



REFLECTIX®

R-8.0 FIBER DUCT INSULATION

Reflectix is proud to announce the introduction of a new and innovative design in Duct Insulation products - the Reflectix® R-8.0 Fiber Duct Insulation. This product combines the "Easy to Handle, No Itch" characteristics of our other products with the enhanced thermal performance of R-8.0. A reduction in labor costs due to easier installation and handling make Reflectix® your product of choice when you are considering your duct insulation options.

PRODUCT DESCRIPTION

Reflectix® R-8.0 is a 1" thick insulation with an outer 96% reflective surface, a 1" polyester center, and another outer 96% reflective surface. It is extra tough, does not itch and is thinner than R-8.0 fiberglass wraps. The product is lightweight and has 2 vapor barriers to help inhibit condensation. A code identification tape runs the length of the roll listing ASTM numbers, the manufacturer's name and testing information.

APPLICATIONS

Insulate rectangular and round return duct with spacer, and supply ductwork in HVAC systems.

- Residential • Commercial • Industrial • Institutional

BENEFITS

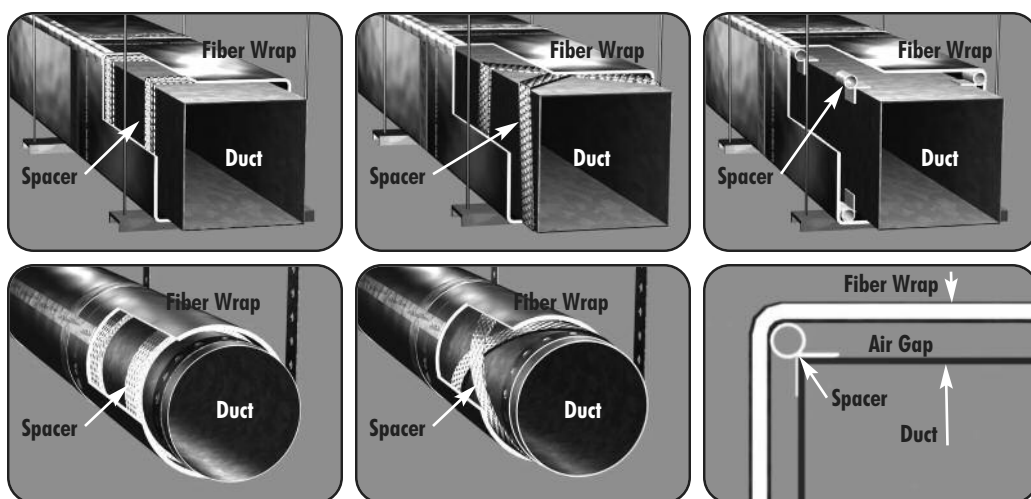
- Does not itch
- Easy to install
- Reduces heat loss in the winter and heat gain in the summer
- Requires less space than fiberglass to achieve R-8.0 (with 0.75" air space)
- Inhibits condensation
- Does not promote the growth of mold or fungi
- Class A/Class 1 Fire Rated

REFLECTIX® DUCT INSULATION PART NUMBERS AND STOCK SIZES

HVRP48050 (48"x 50')
HVRP48100 (48"x 100')
HVRP60050 (60"x 50')
HVRP60100 (60"x 100')

Technical Data:

Physical Properties	Reflective/Polyester/ Reflective
Thickness:	1"
Weight:	1.22 oz/sq. ft.
Thermal Resistance (ASTM C 335):	R-8 with 0.75" air space
Flame & Smoke (ASTM E 84/UL723):	Class A/Class 1
Water Vapor Permeability (ASTM E96):	<0.02 Perms
Temperature Range (ASTM C 411):	-50 F to 180 F
Resistance to Fungi/Bacteria (ASTM C 1338):	Does not promote growth
Emissivity (ASTM C 1371):	0.04
Reflectivity (ASTM C 1371):	96%



MANUFACTURER'S SUGGESTED INSTALLATION INSTRUCTIONS

THERE ARE 2 OPTIONS DEPENDING ON THE TYPE OF SPACER. METHOD 1 IS APPLICABLE TO EITHER ROUND OR RECTANGULAR DUCTS. METHOD 2 APPLIES TO RECTANGULAR DUCTS ONLY.

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

Note: Either spacing method is approved.

1. 2" WIDE SPACER

- Make sure the duct is free from dust and dirt by wiping it down with a shop rag.
- Make sure all sheet metal joints, seams and penetrations are sealed.
- Wrap the duct in a big looping fashion down one direction of the duct and then back (criss-crossing candy cane pattern). The crossing loops create a 0.75" enclosed air space between the duct and the wrap.
- Or, secure spacer (double layered) every 24" to 36" around ducting, fastening the spacers with UL181 approved foil tape.
- Strap Hanger: Wrap 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 foil from touching the duct.
- Tape all seams with UL181 approved foil tape.

2. HV PLASTIC SPACER (RECTANGULAR DUCTS ONLY)

- Make sure the duct is free from dust and dirt by wiping it down with a shop rag.
- Make sure all sheet metal joints, seams and penetrations are sealed.
- Install the spacers every 24" to 26" apart on all four corners of the duct.
- Wrap the insulation over the spacers.
- Fasten the Reflectix® by either tapping the seam or plier stapling the two edges together.
- If the duct is supported with saddle clamps, make sure to install a spacer on the two bottom edges of the duct directly between the clamp and the duct.
- If the clamps are installed around the duct (such as plumbers tape), make sure that the seam is taped to prevent air movement.

PLEASE NOTE REGARDING HANGERS:

Strap Hanger: Wrap 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.

