REFLECT-R Advantage

R-8 Reflective Insulation for HVAC Ductwrap

Better Protection from external heat
REFLECT-R’s pure aluminum facing reflects 97% of radiant heat gain.

Faster Onsite installation
The rigidity of the 3/4” core, heavy duty reinforced facing and various tab options designed for every application will save you many man hours on the jobsite.

Safer In-place fire protection
REFLECT-R’s fiberglass core reduces the risk of fire spread as compared to many non-fiberglass core reflective insulations.

REFLECT-R Duct Insulation Advantages
“The R-8 Solution”
• R-8 when installed according to manufacturer installation instructions
• Greatly reduces noise & vibration
• Prevents condensation
• Environmentally friendly
• Meets code requirements as tested per ASTM E-84; Class A / Class 1 rating
• Maintains R-Value

Insulation Doesn’t Cost, It Pays.
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REFLECT-R

Product Standards
Widths: 48"
Lengths: 80'
Thickness: 3/4"
Tabs: 1-6"
Foil Facing: 99.9% pure aluminum (standard)

R-Values
FGF - tested per ASTM C-518
FTC “System R Value”  “Installed R Value”
Material + Air Space Material + Air Space + Air Film
3/4" Thick:
no air space 2.8 5.2
3/4" rigid spacers 5.5 8.0
1" rigid spacers 5.7 8.2

To achieve installed R-values, Reflect-R must be installed per manufacturer installation instructions and air spaces must be maintained.

Summer Heat Gain

Convection: 0%
Conduction: 3% to 7%
Radiation: Up to 93%

Heat is transferred through three different processes: convection, conduction and radiation. Of these three, radiation creates 93% of summer heat.

REFLECT-R Technical Information

R-Value: 3/4" Reflect-R up to 8.2 per ASTM C-518
Flame Spread: 25 per ASTM E-84
Smoke Development: 38 per ASTM E-84
Emittance: .04 per ASTM C-1371
Moisture Sorption: Less than 5% by weight
Moisture Vapor Transmission: .02 perms max
Corrosivity: Does not accelerate
Odor: None
Shrinkage: None
Resistance to Fungi & Bacteria: Does not breed or promote

REPLACE-R R-8 Duct Wrap Installation Instructions
1. Install spacers by cutting 1" wide strips of Reflect-R and wrap around the duct to achieve the desired thickness of the spacer. The spacer strips should be placed 24" on center. Secure spacer strips with Venture #1507 tape or equal.
2. Wrap Reflect-R completely around the duct and then seal 100% of seams to ensure a total vapor seal. Secure Reflect-R with Venture # 1507 tape or equal.
3. To achieve the desired R-values, spacers must be installed according to instructions and air space maintained.

**REFLECT-R Get the Facts...**

**REPLACE-R**

Heat is transferred through three different processes: convection, conduction and radiation. Of these three, radiation creates 93% of summer heat.

Infrared waves create radiant heat. The waves travel at the speed of light, in straight lines. With Reflect-R insulation, 97% of these waves are deflected.

Insulation Doesn't Cost, It Pays.

PLANT LOCATIONS
- Cleveland, OH
- Lancaster, PA
- Madison, WI
- Atlanta, GA
- Orlando, FL
- Phoenix, AZ
- Dallas, TX
- Stockton, CA
- Kent, WA
- Spokane, WA

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