

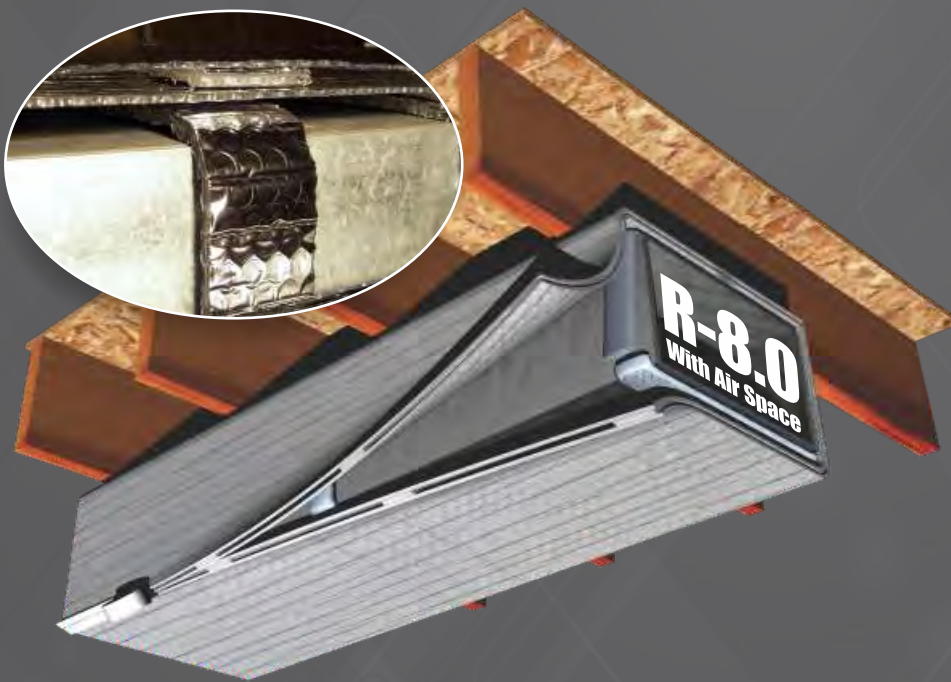


DUCT INSULATION R-8.0 Thermal Value

2280 SERIES



See ESR -1236 for thermal resistance (R-value) of the assembly or assemblies



rFOIL® BIG-8 is specially designed to reduce radiant heat gain / loss in all residential and commercial duct applications. rFOIL® also helps control condensation by providing an airtight thermal break around duct work.

rFOIL® BIG-8 Reflective Duct Insulation increases system efficiency, lowers stress on HVAC equipment, reduces energy usage, and utility bills. The first R-8.0 reflective bubble insulation is now here!

rFOIL® Benefits:

- R-Value = 8.0... Improves HVAC System Efficiency
- No Foam Corner Spacers Needed
- The First R-8.0 without a Mineral Fiber / Fiber Glass Core... NO ITCH!
- Thermal Value Unaffected by Moisture or Humidity
- Will NOT harbor Mold, Mildew, or other Fungi
- Prevents Exterior Build-Up of Condensation
- Saves Energy, Money, and it's Easy to Install

rFOIL® Applications:

- Duct Insulation
- Suitable for all Duct types
- Residential and Commercial
- Indoor Use
- R-8.0 Code Application Requirements



| Metalized Radiant Barrier Outer Surface | Heavy-Duty Bubble Thermal Core | Non-Fibrous Materials | Low-Profile Insulation | Meets R-8 and/or R-6 Code Requirements | Full-Length, Printed Code Certification Strip |
|---|---|--|--|--|--|
| <ul style="list-style-type: none"> - Provides unmatched thermal performance - Stops virtually all heat from radiating into or out of duct systems - Greatly improves HVAC system efficiency - Lowers run-time and increases lifespan of HVAC equipment - Reduces energy usage and utility bills ... saves \$\$\$ | <ul style="list-style-type: none"> - Air spaces provide tremendous condensation control - Airtight and impermeable to moisture - Provides a consistent thermal block around ductwork - Superior tear strength and puncture resistance - High compression resistance maintains thermal value - Seals duct system from attic dust and fibrous glass particles | <ul style="list-style-type: none"> - Clean, safe, and easy to install - No protective equipment or clothing required - No ITCH or exposure to glass fibers - Will not harbor mold, mildew, or other fungi - Will not rot, degrade, compress, or break down over time - Unaffected by humidity (unlike fibrous products) - Seals duct system from attic dust and fibrous glass particles - Improves indoor air quality (when properly sealed) | <ul style="list-style-type: none"> - High thermal value with less product thickness - Easy to handle and quick to install - Flexible and lightweight - Simple to cut and configure around obstructions | <ul style="list-style-type: none"> - First reflective bubble (non-fibrous) Insulation to achieve R-8.0 (with air space) or R-6.0 (without air space) - Does NOT require costly foam corner spacers | <ul style="list-style-type: none"> - Allows inspectors to easily identify product and specs - Printed with R-values and ASTM fire ratings - Greater inspector acceptance and approval |

PRODUCT SIZE

PRODUCT SPECIFICATIONS

Size:

48" x 50' and 48" x 75'



Comes Complete with
Spacer Strips



| PHYSICAL PROPERTIES | TEST | VALUE |
|-------------------------------------|-----------------|--|
| THERMAL RESISTANCE | ASTM C335 | R-8.0 with BUBBLE SPACERS |
| TEMPERATURE RANGE | ASTM C411 | -50°F to 180°F |
| FIRE RATING | ASTM E84-10 | CLASS 1 / CLASS A |
| | CAN/ULC-S102-10 | FLAME SPREAD = 15 / SMOKE DEVELOPED = 50 |
| EMISSIONITY | ASTM C1371 | 0.04 |
| REFLECTIVITY | ASTM E903 | 0.96 |
| WATER VAPOR PERMEABILITY | ASTM E96 | 0.029 Perms |
| RESISTANCE TO FUNGI and BACTERIA | ASTM C1338 | DOES NOT PROMOTE GROWTH |
| BLEEDING and DELAMINATION | ASTM C1224-03 | NO BLEEDING or DELAMINATION |
| PLIABILITY | ASTM C1224-03 | NO CRACKING |
| FIRE RATING - FULL ROOM BURN | NFPA 286 | PASSES |
| TEMPERATURE and HUMIDITY RESISTANCE | ASTM C1258 | EVIDENCE of DELAMINATION - NONE |
| | | EVIDENCE of CORROSION - NONE |
| | | LOSS of METALLIZATION - MINIMAL |

Warranty, Specific Applications, and Installation Guides can be found at www.rfoil.com

