



**NEW!**

## R8 Duct Insulation

(2280 and 9280 Series)

### R-8 Reflective Bubble Duct Insulation Has Arrived!

#### rFOIL™ Applications:

- Duct Wrap Insulation
- Suitable for all duct types
- Residential and Commercial
- Indoor or Outdoor Use
- R-8 Code Requirements

#### rFOIL™ Benefits:

- R-Value = 8... Improves HVAC System Efficiency
- No Foam Corner Spacers Needed
- The First R-8 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™ 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 reflective bubble insulation is now here!



**Class 1 / Class A  
Fire Rating  
ASTM E84-09**

**PATENTED**

(See website for details)

**www.rFOIL.com**

(ICC-ES Evaluation Report ESR-1236)

**FEATURES**

**BENEFITS**

Meets R-8 and/or R-6 Code Requirements

First Reflective Bubble (non-fibrous) Insulation to Achieve R-8 (with Air Space) or R-6 (without Air Space)  
DOES NOT Require Costly Foam Corner Spacers

Aluminized Radiant Barrier Outer Surface

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 \$\$\$

Heavy-Duty Bubble Thermal Core

Sealed 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

Non-Fibrous Materials

Clean, Safe, and Easy to Install  
No Protective Equipment or Clothing Required  
No ITCH or Exposure to Dangerous Glass Fibers  
Will Not Harbor Mold, Mildew or other Fungi  
Will not Rot, Degrade, Compress or Break Down over Time Thermal Value

Unaffected by Humidity (unlike Fibrous Products)

Seals Duct System from Attic Dust and Fibrous Glass Particles  
Improves Indoor Air Quality (when Properly Sealed)

Low-Profile Insulation

High Thermal Value with Less Product Thickness  
Easy to Handle and Quick to Install  
Flexible and Lightweight  
Simple to Cut and Configure around Obstructions

Versatile Insulation for Various Applications

Suitable for All Duct Types  
Residential and Commercial  
Approved for Indoor and OUTDOOR use

Full-Length, Printed Code Certification Strip

Allows Inspectors to Easily Identify Product and Specs  
Printed with R-Values and ASTM Fire Ratings  
Greater Inspector Acceptance and Approval

**PRODUCTS**

**SPECIFICATIONS**

Size:  
48" x 50' or 48" x 75'



Physical Properties	Test	BIG-8 (Indoor Use) 2280 Series (Metalized Foil)	BIG-8 (Outdoor Use) 9280 Series (Aluminum Foil)
THERMAL RESISTANCE	ASTM C335	R-8 with BUBBLE SPACERS	R-8 with BUBBLE SPACERS
TEMPERATURE RANGE	ASTM C411	-50°F to 180°F	-50°F to 180°F
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A	CLASS 2 / CLASS B
EMISSION	ASTM C1371	0.04	0.03
REFLECTIVITY	ASTM E903	0.96	0.97
WATER VAPOR PERMEABILITY	ASTM E96	0.029 perms	0.029 perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1338-08	DOES NOT PROMOTE GROWTH	DOES NOT PROMOTE GROWTH
BLEEDING and DELAMINATION	ASTM C1224-03	NO BLEEDING or DELAMINATION	NO BLEEDING or DELAMINATION
PLIABILITY	ASTM C1224-03	NO CRACKING	NO CRACKING
TEMPERATURE and HUMIDITY RESISTANCE	ASTM C1258	Evidence of Delamination - NONE Evidence of Corrosion - NONE Loss of Metallization - MINIMAL	Evidence of Delamination - NONE Evidence of Corrosion - NONE Loss of Metallization - MINIMAL
FIRE RATING - FULL ROOM BURN TEST	NFPA 286	PASSES	DOES NOT PASS

Warranty, Specific Applications and Installation Guides can be found on our Applications Manuals or at [www.rfoil.com](http://www.rfoil.com)



ICC EVALUATION SERVICE

ESR-1236

09/13



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