

rFoil Big 8 Duct Insulation



R8 Duct Insulation
(2280 and 9280 Series)

NEW!

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



R-8
With Air Space

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!



(ICC-ES Evaluation Report ESR-1236)

To find a DMI distributor who can sell you DMI products please call 239-599-8527 or visit www.directmetalsinc.com
All Floating Panel Clips on this TDS are made to order and will involve lead times and minimum orders.

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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
EMISSIONTY	ASTM C1371	0.04	0.03
REFLECTMITY	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 Metalization - MINIMAL	Evidence of Delamination - NONE Evidence of Corrosion - NONE Loss of Metalization - MINIMAL
FIRE RATING - FULL ROOM BURN TEST	NFPA 286	PASSES	DOES NOT PASS

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