



# BIG 8 DUCT INSULATION

## R-8.0 Thermal Value

(2280 Series)

R-8.0 Reflective bubble duct insulation is now ICC-ES listed ESL-1044 and Evaluation Report ESR-1236

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



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.

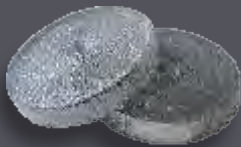
rFOIL® BIG-8 Reflective Duct Insulation increases system efficiency, lowers stress on HVAC equipment, reduces energy usage and utility bills. The first R-8 reflective bubble insulation is now here!



Aluminized 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"> <li>- Provides unmatched thermal performance</li> <li>- Stops virtually all heat from radiating into or out of duct systems</li> <li>- Greatly improves hvac system efficiency</li> <li>- Lowers run-time and increases lifespan of HVAC equipment</li> <li>- Reduces energy usage and utility bills ... saves \$\$\$</li> </ul>	<ul style="list-style-type: none"> <li>- Air spaces provide tremendous condensation control</li> <li>- Airtight and impermeable to moisture</li> <li>- Provides a consistent thermal block around ductwork</li> <li>- Superior tear strength and puncture resistance</li> <li>- High compression resistance maintains thermal value</li> <li>- Seals duct system from attic dust and fibrous glass particles</li> </ul>	<ul style="list-style-type: none"> <li>- Clean, Safe and Easy to Install</li> <li>- No Protective Equipment or Clothing Required</li> <li>- No ITCH or Exposure to Glass Fibers</li> <li>- Will Not Harbor Mold, Mildew or other Fungi</li> <li>- Will not Rot, Degrade, Compress or Break Down over Time</li> <li>- Unaffected by Humidity (unlike Fibrous Products)</li> <li>- Seals Duct System from Attic Dust and Fibrous Glass Particles</li> <li>- Improves Indoor Air Quality (when Properly Sealed)</li> </ul>	<ul style="list-style-type: none"> <li>- High Thermal Value with Less Product Thickness</li> <li>- Easy to Handle and Quick to Install</li> <li>- Flexible and Lightweight</li> <li>- Simple to Cut and Configure around Obstructions</li> </ul>	<ul style="list-style-type: none"> <li>- First Reflective Bubble (non-fibrous) Insulation to Achieve R-8 (with Air Space) or R-6 (without Air Space)</li> <li>- Does NOT require costly foam corner spacers</li> </ul>	<ul style="list-style-type: none"> <li>- Allows inspectors to easily identify product and specs</li> <li>- Printed with R-values and ASTM fire ratings</li> <li>- Greater inspector acceptance and approval</li> </ul>

**PRODUCT SIZE**

Size:  
48" x 50'



Comes Complete with  
**Spacer Strips**

**PRODUCT SPECIFICATIONS**

Physical Properties	Test	BIG-8 (Indoor Use Only) 2280 Series (Metalized Foil)
THERMAL RESISTANCE	ASTM C335	R-8.0 with Bubble Spacers (INCLUDED)
TEMPERATURE RANGE	ASTM C411	-50°F to 180°F
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A
	CANULC-S102-10	FLAME SPREAD = 0 SMOKE DEVELOPED = 0
EMISSIVITY	ASTM C1371	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.029 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1338-08	DOES NOT PROMOTE GROWTH
BLEEDING and DELAMINATION	ASTM C1224-03	NO BLEEDING or DELAMINATION
PLIABILITY	ASTM C1224-03	NO CRACKING
TEMPERATURE and HUMIDITY RESISTANCE	ASTM C1258	Evidence of Delamination - NONE Evidence of Corrosion - NONE Loss of Metallization - MINIMAL
FIRE RATING - FULL ROOM BURN TEST	NFPA 286	PASSES

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

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