



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



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 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"> - 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 (with Air Space) or R-6 (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

Size:
48" x 50'



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
	CAN/ULC-S102-10	FLAME SPREAD = 0 SMOKE DEVELOPED = 0
EMISSION	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

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