

rFOIL[®] BIG 8

DUCT INSULATION R-8.0 Thermal Value

2280 SERIES



ICC-ES EVALUATED ESR-1236



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



Comes Complete with
Spacer Strips

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, and reduces energy usage. The first R-8.0 reflective bubble insulation is now here!

rFOIL[®] Benefits:

- R-value = 8.0... Improves HVAC system efficiency
- 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
- Meets IECC R-8.0 code requirement





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"> - Stops 96% of heat radiating into and out of the duct system - Significantly improves efficiency of HVAC system - Reduces energy usage and may lower utility bills 	<ul style="list-style-type: none"> - Impermeable to moisture, and air spaces provide tremendous condensation control - Provides a consistent thermal block around ductwork - Superior tear strength and puncture resistance - Maintains full thermal value due to high compression resistance - 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 install around challenging duct configurations 	<ul style="list-style-type: none"> - First reflective bubble (non-fibrous) Insulation to achieve R-8.0 (with air space) or R-6.7 (without air space) - Spacer Strips included for R-8.0 code applications 	<ul style="list-style-type: none"> - Allows inspectors to easily identify product and specs - Printed with R-values and ASTM fire ratings - Meets R-6.0 and R-8.0 IECC code requirements

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
EMISSIVITY	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

