

rFOIL®

DUCT INSULATION R-4.2 and R-6.0

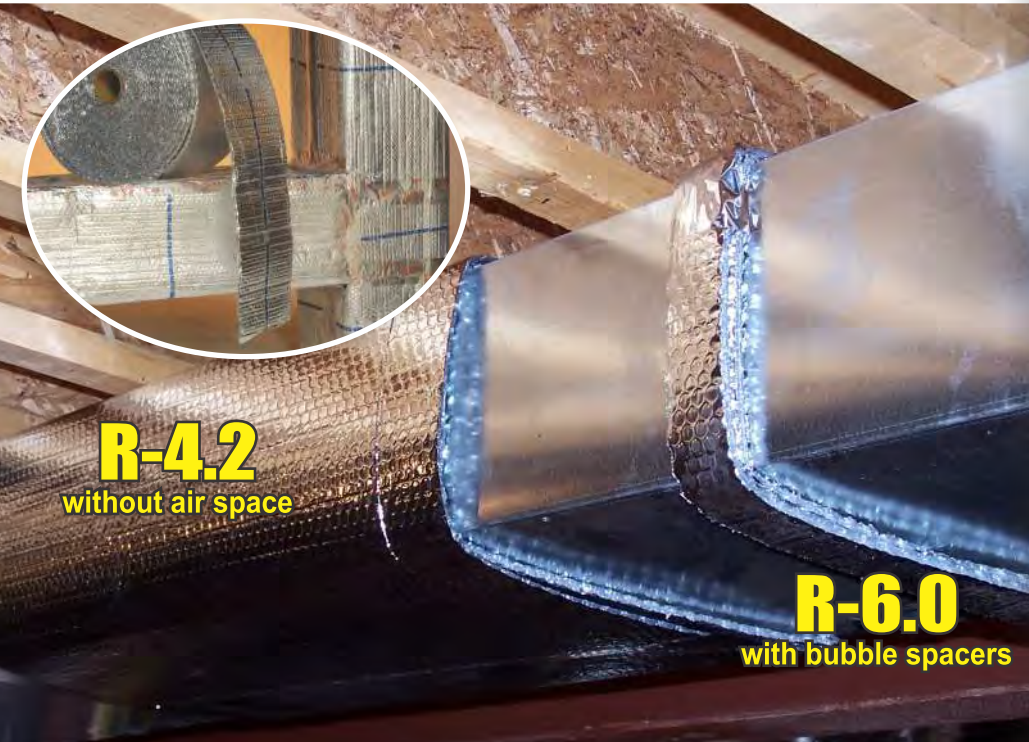
2290 SERIES

rFOIL® Benefits:

- Meets R-4.2 and/or R-6 insulation code requirements
- Achieve R-values with less material thickness
- Clean, safe, environmentally friendly, and NO ITCH!
- Will not harbor mold, mildew, or other fungi
- Greatly improves HVAC system efficiency
- Reduces energy usage and utility bills
- Lowers run-time and increases lifespan of heating and cooling systems
- Impermeable thermal core provides tremendous condensation control
- Easy, clean, and safe to install
- Printed with full-length code certification strip

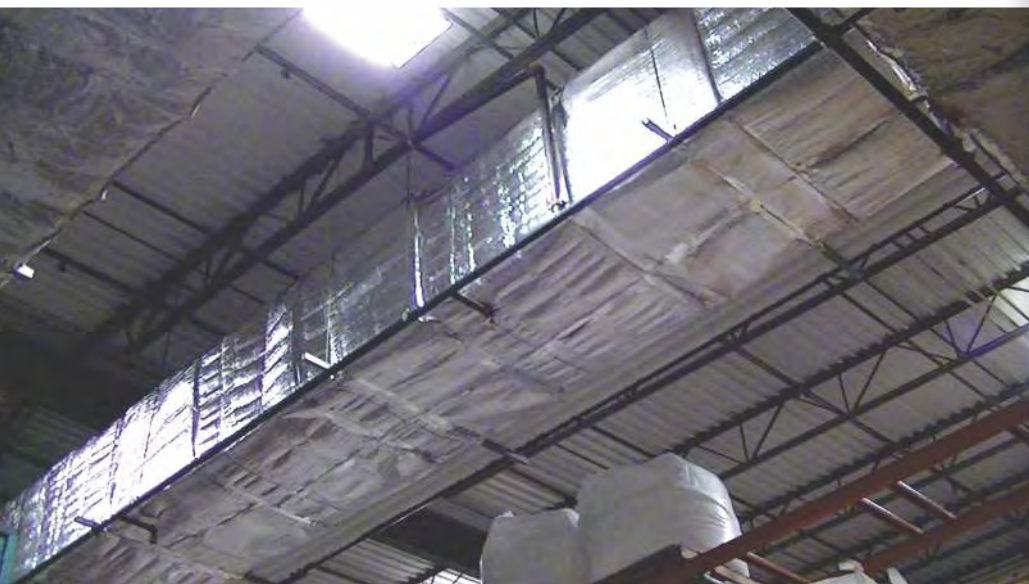
rFOIL® Applications:

- Duct insulation
- Suitable for all metal ductwork
- Residential and commercial
- Indoor insulation use
- Meets R-4.2 (with no spacer strips) and R-6.0 (with spacer strips) code requirements



R-4.2
without air space

R-6.0
with bubble spacers



rFOIL® Reflective Duct Insulation is a double-layer of polyethylene bubble, bonded to and sandwiched between two highly reflective metalized film surfaces.

rFOIL® 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® Reflective Duct Insulation increases system efficiency, lowers stress on HVAC equipment, and reduces energy usage.





DUCT INSULATION

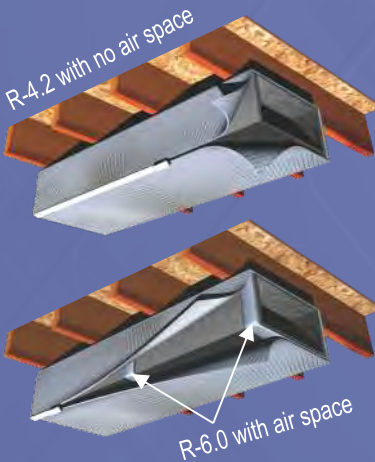
R-4.2 and R-6.0

(2290 Series)

Metalized Radiant Barrier Outer Surface	Heavy-Duty Double Bubble Thermal Core	Non-Fibrous Materials	Low-Profile Insulation	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"> - Air spaces provide tremendous condensation control - Airtight and impermeable to moisture - 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! from exposure to 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 	<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"> - Allows inspectors to easily identify product and specs - Printed with R-values and ASTM fire ratings - Meets R-4.2 and R-6.0 (with air space) IECC code requirements

PRODUCT SIZES

36" X 50'	48" X 50'
48" X 100'	48" X 125'
60" X 100'	60" X 125'



PRODUCT SPECIFICATIONS

PHYSICAL PROPERTIES	TEST	VALUE
NOMINAL THICKNESS	—	5/16"
WEIGHT	—	1.25 OZ / SQ. FT.
TEMPERATURE RANGE	ASTM C411	-50°F to 180°F
FIRE RATING	ASTM E84-08	CLASS 1 / CLASS A
	ASTM E84-08	FLAME SPREAD=0 / SMOKE DEVELOPED=20
	CAN/ULC-S102-10	FLAME SPREAD=0 / SMOKE DEVELOPED=10
FIRE RATING - FULL ROOM BURN	NFPA 286	PASSES
THERMAL RESISTANCE (SYSTEM)	ASTM C335	R-4.2 (WITHOUT SPACERS)
		R-6.0 (with BUBBLE SPACERS)
EMISSIVITY	ASTM C1371	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.02 Perms
RESISTANCE TO FUNGI and BACTERIA	ASTM C1338	DOES NOT PROMOTE GROWTH

Warranty, Specific Applications, and Installation Guides can be found at www.rfoil.com

