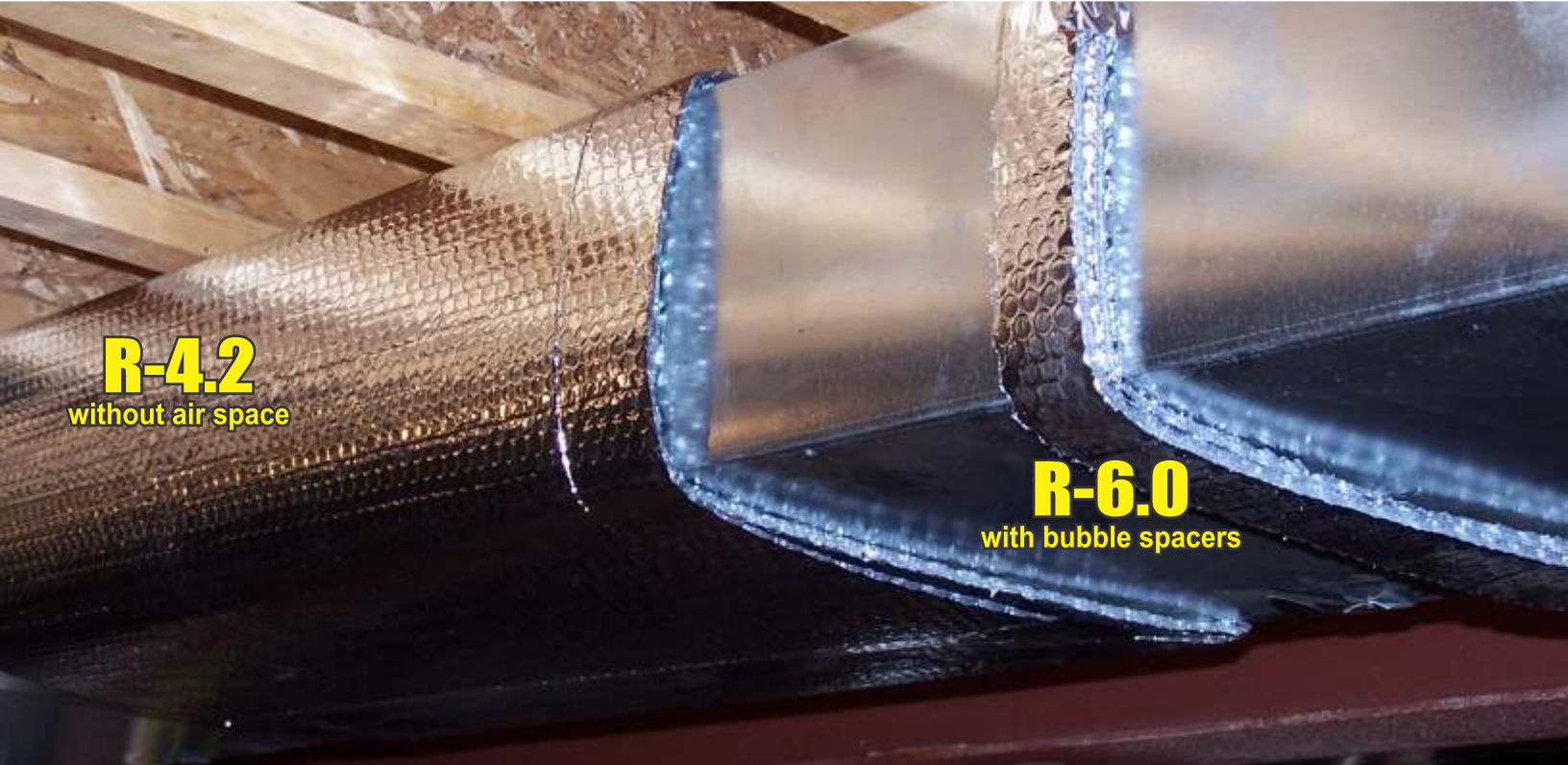




DUCT INSULATION

R-4.2 and R-6.0

(2290 Series)



R-4.2
without air space

R-6.0
with bubble spacers

rFOIL® Benefits:

- Meets R-4.2 and/or R-6 Insulation Code Requirements
- Achieve R-Values with Less Material Thickness
- 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® Reflective Duct Insulation is a double-layer of polyethylene bubble, bonded to and sandwiched between two radiant barrier sheets.

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, reduces energy usage and utility bills.

rFOIL® Applications:

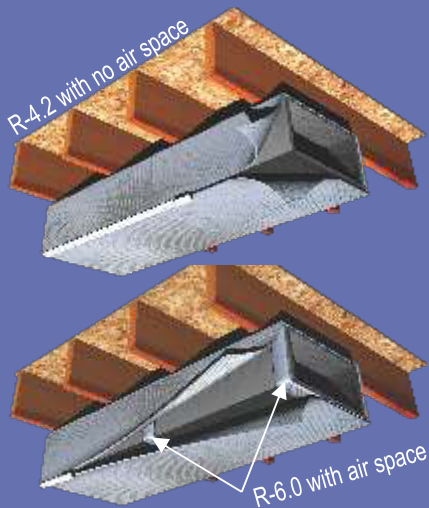
- Duct Insulation
- Suitable for all metal ductwork
- Residential and Commercial
- Indoor Insulation Use (*2290 Series*)



Aluminized 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"> - 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 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 - 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 configure around obstructions 	<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 SIZES

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



PRODUCT SPECIFICATIONS

Physical Properties	Test	Duct Insulation (Indoor Use Only) 2290 Series (Metalized Foil)
NOMINAL THICKNESS	—	5/16"
WEIGHT	—	1.25 oz / sq. ft.
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
THERMAL RESISTANCE	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 & BACTERIA	ASTM C1338	DOES NOT PROMOTE GROWTH
FIRE RATING - FULL ROOM BURN TEST	NFPA 286	PASSES

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

07/19

