

# rFOIL<sup>®</sup> BIG 6

Reflective Insulation

## DUCT INSULATION R-6.0 Thermal Value

**2260 SERIES**



### rFOIL<sup>®</sup> Benefits:

- Meets R-6.0 Insulation Code Requirements
- Pre-Attached Spacers Save Time, Labor, and Simplify Installation
- Clean, Safe, Environmentally Friendly, and No-Itch
- Greatly Improves HVAC System Efficiency
- Saves \$\$\$\$\$ By Lowering Energy Usage and Utility Bills
- Lowers Run-Time and Increases Lifespan of Heating and Cooling Systems
- Will Not Harbor Mold, Mildew, or other Fungi
- Impermeable Thermal Core Provides Ultimate Condensation Control
- Reflective and Low-Emissive Surfaces Provide Unmatched Thermal Performance

### rFOIL<sup>®</sup> Applications:

- Duct Insulation
- Suitable for all duct types
- Residential and Commercial
- Indoor Use Only
- R-6.0 Code Requirements



rFOIL<sup>®</sup> BIG-6 Reflective Duct Insulation is a 5/16" layer of polyethylene bubble, bonded to and sandwiched between two highly reflective metalized film surfaces. Four strips of spacers are pre-attached and run along the full length of the roll. These spacers provide the necessary airspace to achieve an R-6.0 insulating value.

rFOIL<sup>®</sup> is specially designed to reduce radiant heat gain/loss in all residential and commercial duct applications. rFOIL<sup>®</sup> also helps control condensation by providing an airtight thermal break around duct work.

rFOIL<sup>®</sup> Reflective Duct Insulation increases system efficiency, lowers stress on HVAC equipment, reduces energy usage, and lowers utility bills.





#### Metalized Radiant Barrier Outer Surface

- 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 \$\$\$

#### Heavy-Duty Double Bubble Thermal Core

- 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

#### Non-Fibrous Materials

- 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

#### Low-Profile Insulation

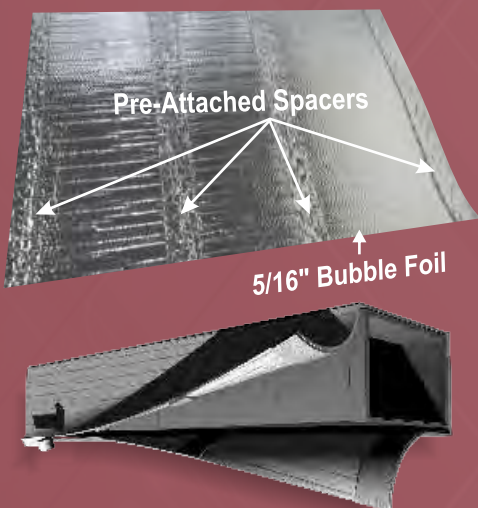
- High thermal Value with less product thickness
- Easy to handle and quick to install
- Flexible and lightweight
- Simple to cut and configure around obstructions

#### Full-Length, Printed Code Certification Strip

- Allows inspectors to easily identify product and specs
- Printed with R-values and ASTM fire ratings
- Greater inspector acceptance and approval

## PRODUCT SIZES

AVAILABLE IN:  
48" x 75'



## 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	ASTM C335	R-6.0 (with pre-attached Bubble Spacers)
EMISSIVITY	ASTM C1371	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	<0.02 Perms
RESISTANCE TO FUNGI and	ASTM C1338	DOES NOT PROMOTE GROWTH

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



SCAN CODE  
FOR MORE  
INFORMATION

March 2022

