



NT RADIANT BARRIER

(4800 Series)



rFOIL® Benefits:

- Blocks 96% of Radiant Heat Transfer
- Lowers Summer Attic Temperatures
- Helps Attics Retain Heat in Winter
- Class 1 / Class A Fire Rating
- Easy to Unroll, Cut and Install
- Safe, Clean, Non-Toxic, No Itch
- Enhances Performance of Installed Fiber Insulation
- Perforated for Breath ability
- Reduces Heating and Cooling Costs
- Lowers Energy Usage and Utility Bills

rFOIL® NT (No-Tear) Radiant Barrier are available in a solid or perforated sheet composed of a single layer of woven polyethylene, bonded to and sandwiched between two highly reflective radiant barrier sheets.

rFOIL® NT (No-Tear) Radiant Barrier will dramatically reduce summer attic temperatures, making it easier and less expensive to cool your home and reduce the workload on heating and cooling equipment.

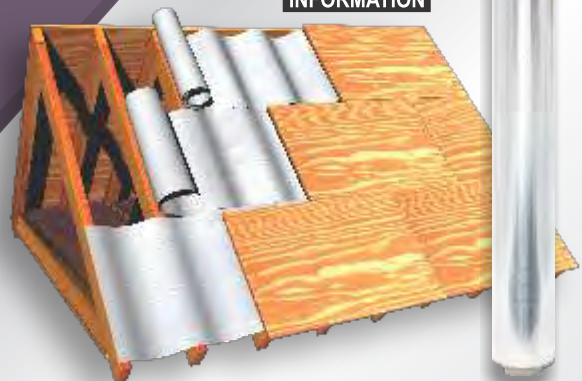
rFOIL® also helps reduce winter heating costs by helping existing fiber insulation hold heat and lower energy usage.

rFOIL® Applications:

- Attics
 - Warm Climates: Near Roof*
 - Cold Climates: Atop mass floor insulation*
- Over drop-ceiling tiles
- Roof Decking Attachment (facing attic)



FOR MORE INFORMATION



Inner Layer of Woven Polyethylene

- Outstanding tear strength and puncture resistance
- Allows for a permanent bond of foil layers
- Allows firm hold when stapled

Reflective Radiant Barrier Facings

- Reduces radiant heat gain and loss
- Redirects radiant heat energy back to living area
- Saves energy usage and lowers heating costs
- Extends life of heating and cooling systems
- Helps lower attic temperatures by up to 40°F
- Improves effectiveness of fiber/mass insulations
- Helps attic floor insulation retain heat

Lightweight, Flexible Materials

- Easy to unroll, cut to fit, and install
- Lightweight - 500 square feet weighs only 15 lbs.
- Easily cut to fit around obstructions

PRODUCT SIZES

48" x 125' and 48" x 250'



PRODUCT SPECIFICATIONS

Physical Properties	Test	4800P Perforated	4800S Solid
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A	
EMISSIVITY	ASTM C1371-04A	0.04	0.04
REFLECTIVITY		0.96	0.96
WATER VAPOR TRANSMISSION	ASTM E96-05	8.53 Perms	0.027 Perms
CORROSIVENESS	ASTM D3310-00	PASSES	PASSES
BLEEDING and DELAMINATION	ASTM C1313-05	NO BLEEDING or DELAMINATION	
PLIABILITY	ASTM C1313-05	NO CRACKING	
GROWTH OF FUNGI	ASTM C1338-08	DOES NOT PROMOTE GROWTH	
TENSILE STRENGTH	ASTM D2261	LENGTH: 27.34 lbs	
		WIDTH: 16.31 lbs	

TESTING

The photo to the right shows the RIGHT side of the hot box which is insulated with fiberglass is at a much higher temperature then the LEFT box which is insulated with the rFOIL Radiant Barrier.

The rFOIL[®] Radiant Barrier is reflecting a tremendous amount of the radiant heat. The RIGHT side (which is not insulated with a layer of rFOIL[®]) shows 62 degrees hotter difference therefore illustrating how much heat it keeps out in the summer. In the winter it would be doing the same but only in reverse reflecting the heat back into the home. Having 2 layers help all 3 forms of heat gain/heat loss, conduction, convection and radiant heat.



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

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