



## 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 Breathability
- Reduces Heating and Cooling Costs
- Lowers Energy Usage and Utility Bills

### rFOIL® Applications:

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



rFOIL® NT (No-Tear) Radiant Barrier is 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 metalized film surfaces.

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.





# NT RADIANT BARRIER

## (4800 Series)

### Inner Layer of Woven Polyethylene

- Outstanding tear strength and puncture resistance
- Allows for a permanent bond to the metalized film layers
- Allows firm hold when stapled

### Reflective Radiant Barrier Facings

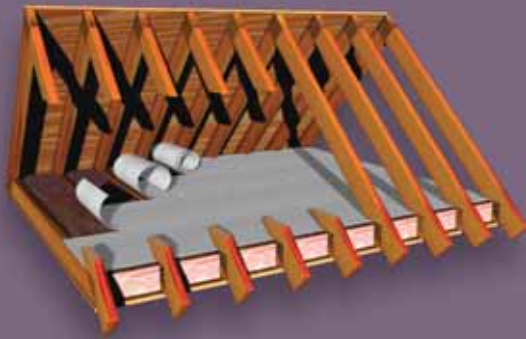
- Reduces radiant heat gain and loss
- Redirects radiant heat energy back to living area
- Saves energy usage and lowers heating costs
- Extends life of heating and cooling systems
- Helps lower attic temperatures by up to 40°F
- Improves effectiveness of fiber/mass insulations
- Helps attic floor insulation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

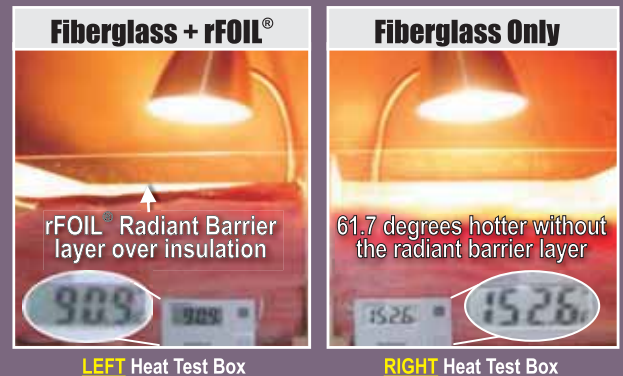
Physical Properties	Test	4800P Perforated	4800S Solid
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A	
EMISSION	ASTM C1371-04A	0.04	0.04
REFLECTIVITY		0.96	0.96
WATER VAPOR TRANSMISSION	ASTM E96-05	8.53 Perms	0.027 Perms
CORROSIVENESS	ASTM D3310-00	PASSES	PASSES
BLEEDING and DELAMINATION	ASTM C1313-05	NO BLEEDING 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 photos on the right show two hot boxes; one insulated with fiberglass only and the other with fiberglass and an added rFOIL® Radiant Barrier layer. As you can see, the RIGHT box is 61.7° hotter than the LEFT box.

The rFOIL® Radiant Barrier is reflecting a tremendous amount of the radiant heat outward which keeps the home cooler during the summer.

In the winter months, the rFOIL® Radiant Barrier will work just as well to reduce heat loss. It works by reflecting heat back into the home for the HVAC system to re-circulate (heat that would have otherwise escaped through the fiberglass insulation).



LEFT Heat Test Box

RIGHT Heat Test Box

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

