



METAL & POST FRAME BUILDING INSULATION

(2500 Series)



rFOIL® Benefits:

- Blocks 96% of Radiant Heat Transfer
- Prevents Interior Condensation
- Class 1 / Class A Fire-Rated (ASTM E84-09)
- Puncture and Tear-Resistant
- Unaffected by Humidity
- Will not Promote Mold and Mildew
- Safe, Non-Toxic and Non-Carcinogenic
- Easy to Handle and Install
- Various Tab Options
- UV-Resistant

rFOIL® Applications:

- Pre-Engineered Steel Buildings
- Post Frame / Pole Barns
- Agricultural Buildings
- Residential Metal Roofs
- Mini Storage
- Livestock Confinement

rFOIL® reflective Insulation is a layer of polyethylene bubbles bonded to and sandwiched between a radiant barrier metalized foil and white polyethylene sheet.

rFOIL® is specifically designed to control heat gain or loss, and prevent interior condensation, in all types of metal and metal-clad buildings.



Reflective Metalized Surface Facing	Multi-Layer Bubble Core	White Interior Facing Option	Practical Tab/Edge Options	Quick Seam (Adhesive Tape on Tab)
<ul style="list-style-type: none"> - Reduces radiant heat gain and loss - Blocks 96% of radiant heat transfer - Saves energy use - Lowers heating / cooling costs - Improves interior comfort 	<ul style="list-style-type: none"> - Provides continuous thermal break - Lowers risk of interior surface condensation - Durable and long-lasting - Superior puncture, tensile and tear strength - Will not absorb water or vapor - Does not harbor moisture or mold - Clean, safe, no-itch material 	<ul style="list-style-type: none"> - Brightens building interior - Attractive appearance - Easy to clean 	<ul style="list-style-type: none"> - Various options for all metal building applications - Simplifies installations - Improves vapor-sealing efforts 	<ul style="list-style-type: none"> - Saves time and labor - Ensures a continuous vapor and condensation barrier - Simplifies and speeds installation

PRODUCT SIZES

- Width: 12", 16", 18", 24", 48" and 72"
- Length: 102' and 125'

PRODUCT OPTIONS

- Single or Double Bubble
- Square Edge, Tab 1 Side, Tab 2 Sides, Quick Seam Adhesive Strip

PRODUCT SPECIFICATIONS



Physical Properties	Test	Single Layer
NOMINAL THICKNESS	—	3/16"
FIRE RATING	ASTM E84-09 / ASTM E2599-08	CLASS 1 / CLASS A
FIRE TESTING	NFPA 286	PASSES
EMISSIVITY	ASTM C1371-04A	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.01 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1149	DOES NOT PROMOTE GROWTH
PLIABILITY	ASTM C1224-03	NO CRACKING
BLEEDING AND DELAMINATION	ASTM C1224-03	NO BLEEDING OR DELAMINATION
CORROSIVENESS	ASTM D3310-00	PASSES
UV TESTING	ASTM G155	4000hrs Exposure 90+% Retain Retention

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

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