



## METAL & POST FRAME BUILDING INSULATION

**2500 SERIES**

**R-6.0  
WALLS**



### rFOIL® Benefits:

- Blocks 96% of Radiant Heat Transfer
- Prevents Interior Condensation
- Class 1 / Class A Fire-Rated (ASTM E84)
- 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



**R-10  
CEILINGS**



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

rFOIL® is specially designed to reduce radiant heat gain/loss in all residential and commercial applications. rFOIL® also helps control condensation by providing an airtight thermal break while reducing the amount of heat transfer.

Adding rFOIL® Reflective Bubble Insulation to your construction project improves the insulation value of the building envelope and significantly increases its energy efficiency.



# METAL & POST FRAME BUILDING INSULATION

(2500 Series)

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"> <li>- Reduces radiant heat gain and loss</li> <li>- Blocks 96% of radiant heat transfer</li> <li>- Saves energy use</li> <li>- Lowers heating / cooling costs</li> <li>- Improves interior comfort</li> </ul>	<ul style="list-style-type: none"> <li>- Provides continuous thermal break</li> <li>- Lowers risk of interior surface condensation</li> <li>- Durable and long-lasting</li> <li>- Superior puncture, tensile, and tear strength</li> <li>- Will not absorb water or vapor</li> <li>- Does not harbor moisture or mold</li> <li>- Clean, safe, no-itch material</li> </ul>	<ul style="list-style-type: none"> <li>- Brightens building interior</li> <li>- Attractive appearance</li> <li>- Easy to clean</li> <li>- UV Protected</li> </ul>	<ul style="list-style-type: none"> <li>- Various options for all metal building applications</li> <li>- Simplifies installations</li> <li>- Improves vapor-sealing efforts</li> </ul>	<ul style="list-style-type: none"> <li>- Saves time and labor</li> <li>- Ensures a continuous vapor and condensation barrier</li> <li>- Simplifies and speeds installation</li> </ul>

### 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	2520 SERIES (Double)	2510 SERIES (Single)
NOMINAL THICKNESS	—	5/16"	3/16"
FIRE RATING	ASTM E84-08 / ASTM E2599-08	CLASS 1 / CLASS A	
	ASTM E84-08	FLAME SPREAD=0	FLAME SPREAD=0
		SMOKE DEVELOP=15	SMOKE DEVELOP=10
UV TESTING	ASTM G155	90+% RETAINED RETENTION after 4000 hours	
FIRE RATING - FULL ROOM BURN	NFPA 286	PASSES	
EMISSIVITY	ASTM C1371-04A	0.04	
REFLECTIVITY	ASTM E903	0.96	
WATER VAPOR PERMEABILITY	ASTM E96	0.12 Perms	0.01 Perms
RESISTANCE TO FUNGI and 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	

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

ASTM INTERNATIONAL

Verified

RIMA International  
Reflective Insulation Manufacturers Association International

US-006-10

REFLECTIVE PRODUCTS

Division of Balcan Innovations Inc

SCAN CODE FOR MORE INFORMATION

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