Radiant Barrier USA
Innovating Reflective Technology

Reflective Insulation Solutions

Highlights

- A 7 layers bubble insulation structure
- Low Emittance foils surfaces (E=5%)
- Foils reflect 95% of radiant heat
- A unique recipe of LDPE plastics blend - long service life
- Stiffer than most bubbles in the market
- easy to install-Suitable for all building insulation applications
- Perfect for retrofits and home improvements
- Excellent insulation for metal building/carports
- Helps to minimize heat bridges in metal buildings
- Provides robust R value when installed with air spaces
- Will not de-laminate
- improves durability and stability
- Suitable for Hybrid installation with foam or fiberglass

DOUBLE P2

Product Information

Low E Metalized Foil/Bubbles/ Bubbles/ Low E Metalized Foil

Two layers of 0.32" durable air bubble core laminated between two layers of reflective metalized foil

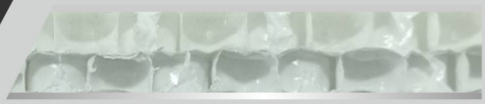
① Low E Metalized Foil ② Bubbles ③ Bubbles ④ Low E Metalized Foil

POLYSHIELD R-VALUES*	DOUBLE P2
Attic – Vented***	Call for R-Value
Crawl Space*	R-12.8
Metal Buildings**	R-4.6 to R 9.5 Up
	R-9.7 to R-22.5 Down
	R-5.0 to R 9.0 Wall
Post Frame Buildings**	R-4.6 to R 9.5 Up
	R-9.7 to R-22.5 Down
	R-5.0 to R 9.0 Wall
Radiant Floors**	R-9.7 to R-22.5 Down
Wall - Basement Masonry**	R-5.0 to R 9.0 Wal

* At least a 1" air space is required on foil side to achieve the R-Values quoted.
** Depends on factors such as the building's interior, roof slope, direction of heat flow, and the size of attainable air gaps available when installing the products
*** Attic R value depending on installation. R value can be as high as 18 with 8" dead air space and heat flow down. For more details, please contact us 972-836-4829

What You Should Know About R-values

The chart demonstrates that various R-Values can be achieved in different applications with the product listed here. Besides reflecting 95% of radiant heat, when installed correctly, our reflective insulation also provides additional R-Value. R-Value measures resistance to heat flow, particularly through conduction and convection. The higher the R-Value, the greater the resistance. However, several crucial factors must be considered, including climate, the specific insulation and R-Value required for your climate zone, the balance between heat gain and heat loss, the costs of cooling versus heating, your overall energy expenditure patterns, and which areas of your home need insulation or upgrades. It's important to note that in many cases adding mass insulation, such as foam or wool, offers diminishing returns. While increasing R-Value doesn't necessarily translate to greater energy savings, it does lead to higher insulation expenses. Our reflective insulation products can complement existing insulation or be used independently. In both scenarios, our products block 95% of radiant heat. To achieve the R-Value shown in the table above, please adhere to the recommended air gaps. For optimal results, we recommend consulting with your local distributor or contacting our technical experts at 972-836-4829.



- Low E Metalized Foil
- Bubbles
- Bubbles
- Low E Metalized Foil

Product Specifications : DOUBLE P2

Standard Roll Size:	4'x75' & 4'x125'
Effective Coverage:	300/500 ft2
Thickness (inches) +/-5%:	0.32" nominal
Standard roll weight (lbs)+/-5%:	35 Lb / 44 Lb
Emittance (Metalized Foil Side):	E=5% (95% Reflective)
Water Vapor Transmission ASTM E-96:	.02 perms 6
Mold and Mildew:	No Growth
Flame Spread, Smoke Development, Fire Rating:	Class A / Class 1

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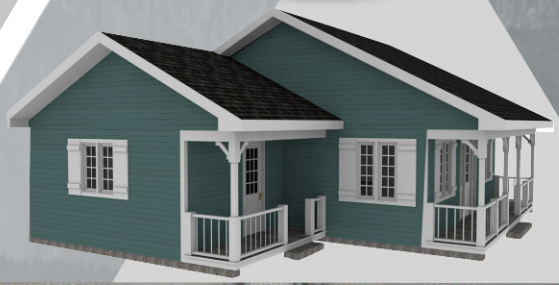
DOUBLE P2

SAVE WORLD TOGETHER | NO ASBESTOS | Reflectivity | Super strong | No health hazard | Vapor Barrier

Available finish :

First Only Number 1



BE ACTIVE!
USE REFLECTIVE INSULATION NOW

POLY SHIELD

972-836-4829 www.radiantbarrierusa.com