



**Radiant Barrier USA**  
Innovating Reflective Technology

The Reflective Insulation Solution

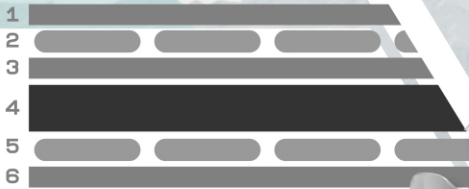
# Product Information

Metalized Foil / Bubbles / Metalized Foil / EPE Foam  
/ Bubbles / Metalized Foil

Two layers of 2/5" durable extra large air bubble film with a core of 1/5" EPE foam laminated with three layers of reflective metalized film



## Triplex Double



- ① Metalized Foil
- ② Bubbles
- ③ Metalized Foil
- ④ EPE Foam
- ⑤ Bubbles
- ⑥ Metalized Foil



\* Depends on the interior of the metal building\ frame size and the available sealed air spaces provided.  
 \*\* The R-value includes 1"-1 1/2" of air space (using 1" foam spacers). See installation instructions for more details.  
 \*\*\* This application consists of PolyShield insulation and mass insulation. See installation instructions for more details.

PolyShield R-Values	Triplex Double
Attic - Vented	Check for R value
Duct/ Pipe Wrap**	R-8.5
Attic Space (with 2x 3"-4" air spaces/ heat flow down)	R-19.5
Metal Buildings*	R-7.6 Up R-15.0 Down R-9.0 Wall
Post Frame Buildings*	R-9.5 Up R-17.5 Down R-9.8 Wall
Radiant Floors*	R-19.5
Wall \ Crawlspace \ Basement Masonry**	R-11.0
Wall - Garage	R-11.0
Wall - 2x6 Stud with R12 batt***	R-22.0



- Metalized Foil
- Bubbles
- Metalized Foil
- EPE Foam
- Bubbles
- Metalized Foil

### What You Should Know About R-values

A general remark for home users: The chart shows an estimated and potential R-Value (Heat Resistance) of Triplex Double insulation in metal buildings. R-Value of reflective products depending on air film size, temperature, condition, and air flow directions (up/down/horizontal). For a complete R-Value analysis, please contact your local distributor or contact us at 972-836-4829

### Product Specifications : TRIPLEX Double

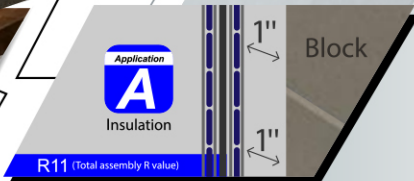
Contact Temperature Range	-60°F to 180°F (-51°C to 82°C)
Thickness	1" nominal
Emittance (Metalized Side)	E=5%
Water Vapor Transmission	.02 perms ASTM E96
Puncture Resistance	60 lbs/in
Tensile Stress (kPa)	TD:3973 / MD:3419
Tear Strength (kN/m)	TD:99.33 / MD:85.49
Pliability	No Cracking
Linear Shrinkage	None
Mold and Mildew	No Growth
Flame Spread	< 25 ASTM E84- 21a
Smoke Development	< 450 ASTM E84-21a
Fire Rating	Class A / Class 1



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# Triplex Double

## Advantages :



**95%**  
REFLECT 95% OF RADIANT HEAT (SILVER SIDE)

**BE ACTIVE!**  
USE REFLECTIVE INSULATION NOW

