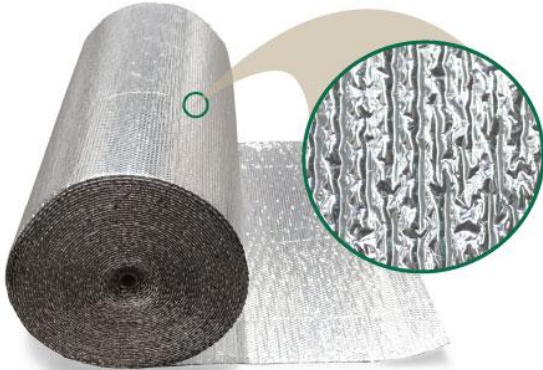




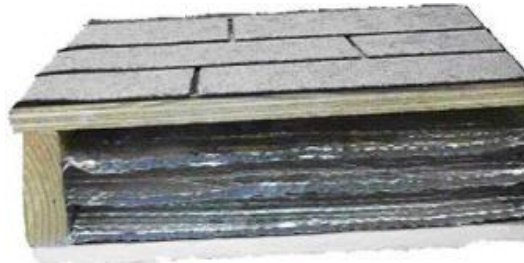
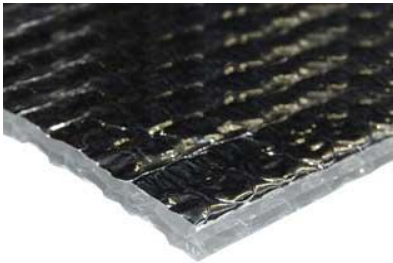
# Tempshield Double Bubble Foil/Foil®

## Reflective Insulation

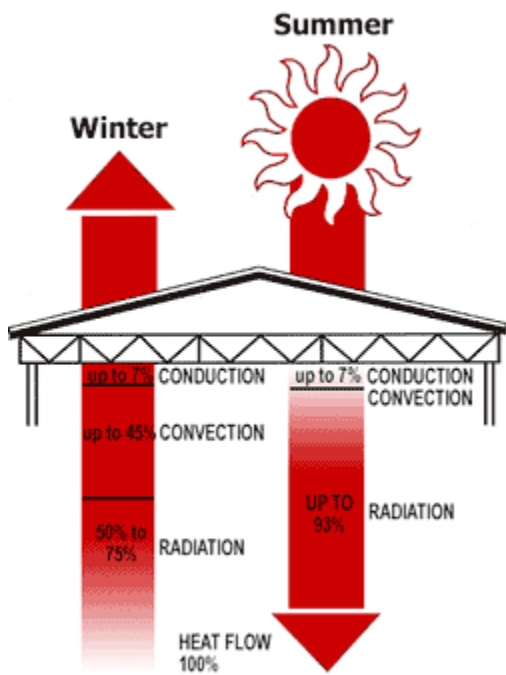


*TempShield® Double Bubble Foil is our top-of-the-line Reflective Insulation, and is available in 300 and 500 Sq. Ft. Rolls. Widths: 4', 5', 6', and by Special Order 8', and 10' widths.*

TempShield® Brand Double Bubble Foil is **two** layers of 1/8" barrier bubble film laminated between **two** layers of metalized film. TempShield® Double Bubble Foil is designed to be used for water heater, metal and commercial buildings (photos 1 & 2), stud walls, roofing systems, basements, and crawl spaces when reflectivity and higher R factors are required. Vapor Retardant.



Photos 1 & 2 -- TempShield® Double Bubble Foil Reflective Insulation is designed to be installed in metal and commercial buildings where higher R factors are required. Vapor retardant.



## How Radiant Heat Transfers Through Roofs

TempShield® is used as insulation against radiant heat transfer and can be used to its greatest advantage in instances where radiation is the predominant means of heat transfer. It is the bright aluminumized film surface of all TempShield® products that gives it its insulating properties. This happens in two ways:

TempShield® is an excellent reflector of all long wave radiant heat that strikes it - reflecting up to 95% of all radiant heat.

TempShield® will reradiate only 5% of heat in which it comes in close physical contact, compared with the approximate 90% reradiation of ordinary building materials, at the same temperature.

## Key Benefits

- Clean, Lightweight, Easy To Install
- Class A / Class 1 Fire Rating
- High Thermal R-Values
- Saves Energy and Money

## Product Specifications

<b>Product Description</b>	Two layers of 1/8" barrier bubble film laminated between two layers of reflective metalized film
<b>Contact Temperature Range</b>	-60°F to 180°F (-51°C to 82°C)
<b>Thickness</b>	1/8 inch nominal
<b>Water Vapor Transmission</b>	.02 perms ASTM E96
<b>Puncture Resistance</b>	60 lbs/in
<b>Pliability</b>	No Cracking
<b>Linear Shrinkage</b>	None
<b>Mold and Mildew</b>	No Growth
<b>Flame Spread</b>	0 ASTM E84-08
<b>Smoke Development</b>	40 ASTM E84-08
<b>Fire Rating</b>	Class A/Class 1