



# TEMPSHIELD®

DOUBLE BUBBLE FOIL/FOIL INSULATION



## PRODUCT DESCRIPTION

TempShield® Brand Double Bubble Foil is two layers of 1/8" barrier bubble film laminated between two layers of metalized film.

TempShield® reflects up to 95% of all radiant heat and will reradiate only 5% of heat in which it comes in close physical contact, compared to the approximate 90% reradiation of ordinary building materials, at the same temperature.

## APPLICATIONS

- ▶ Water heaters
- ▶ Metal and commercial buildings
- ▶ Roofing systems
- ▶ Spaces with high R factor requirement
- ▶ Crawl Space Insulation

## PRODUCT USE

TempShield® Double Bubble Foil is designed to be used for water heater, metal and commercial buildings, stud walls, roofing systems, basements, and crawl spaces when reflectivity and higher R factors are required Vapor Retardant.

## SIZE AND PACKAGING

48" x 75'	48" x 125'
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PROPERTIES	TEST METHOD	VALUES
Construction	Two layers of 1/8" barrier bubble film laminated between two layers of reflective metalized film	
Contact Temperature Range		-60°F to 180°F (-51°C to 82°C)
Thickness		1/4 inch nominal
Water Vapor Transmission	ASTM E96	.02 perms
Puncture Resistance		60 lbs/in
Pliability		No Cracking
Linear Shrinkage		None
Mold and Mildew		No Growth
Flame Spread	ASTM E84-08	0
Smoke Development	ASTM E84-08	40
Fire Rating		Class A/Class 1

**NOTE:** All data is drawn from u.s. testing and precision laboratories. Available upon request. To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. AMERICOVER, INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. Limited Warranty available at [www.Americover.com](http://www.Americover.com)

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