

Going Green Solutions, LLC



**ThermaBarrier®™**

**Foil WHITE Reflective Thermal Barrier**

**SOLID or PERFORATED**

## Application Summary:

**Attic Insulation:** Reflects heat away from living spaces, reducing cooling costs.

**Roofing:** Under roofing materials to reflect solar heat.

**Wall Insulation:** In exterior walls to reflect radiant heat.

**Crawl Spaces:** To reflect heat and moisture.

**Basement Insulation:** To reflect heat and moisture.

**Duct Insulation:** Wrapping HVAC ducts to reduce heat loss/gain.

**Packaging:** Insulating temperature-sensitive products.

**Automotive:** Heat shielding in vehicles.

**Aerospace:** Thermal insulation and radiation shielding.

**Building Wraps:** Under exterior finishes to reflect heat.



Going Green Solutions, LLC

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Arlington, TX 76094

Item Number:

ThermaBarrier Foil/White-500

ThermaBarrier Foil/White-1000

**ThermaBarrier®™**

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# Technical Data Sheet

## Technical Data Sheet

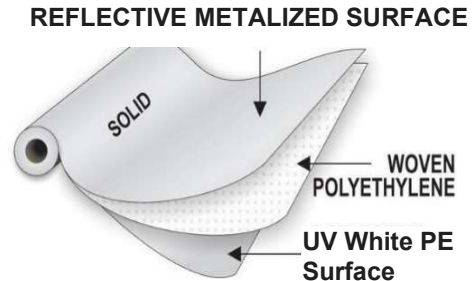
# ThermaBarrier®™

## Foil WHITE Reflective Thermal Barrier

### SOLID or PERFORATED

#### Product Description:

**ThermaBarrier®™** FOIL/WHITE UV Reflective Thermal Barrier, RFID, is available in both solid and perforated, multi-layered sheet constructed of single-sided reflective metalized film with a single layer of polyethylene woven reinforcement in the middle and white PE with UV protection.



### Green Building Attributes

- 96% Thermal Resistance
- Class 1 / Class A Fire Rating
- Non-toxic & non-carcinogenic
- No Fibers in the air
- No Chemical Residues
- Bird, Insect, and Rodent resistant
- Increases performance of existing insulation

#### Made in the USA



Stock Sizes Available (Rolls):

Size:	Part No.:
51" X 118' (500sf)	ThermaBarrier Foil/White-500
51" X 236' (1000sf)	ThermaBarrier Foil/White-1000

Product	Reflective Barrier - Foil / White
Description	Single-sided reflecting metalized film, Other side White PE, with polyethylene woven reinforcement and UV
Standard Roll Sizes	51" x 118' / 51" x 236'
Weight per roll	12.80 lbs (500 sq ft) / 25.60 lbs (1000 sq ft)
Thickness	125 microns
Tensile/Tear Strength	MD: 127.33 Pounds Force TD: 92.17 Pounds Force Stretch: 45.66 Pounds Force Tear: 7.23 Pounds Force
	ASTM D2261
Shrinkage	None
Pliability	70°F±5°F & 50±5% Relative Humidity
	No Cracking or Delamination ASTM C1224
Adhesive Performance	180°F±5°F & 50% Relative Humidity
	No Bleeding or Delamination ASTM C1313-05
Flame Spread & Smoke	Class A/Class 1 0 Flame Spread, 5 Smoke Development ASTM Method E84-10
Resistance to Fungi	Pass - No Growth ASTM C1338-08
Total Hemispherical Emittance	EMISSIONITY: 0.05 REFLECTIVITY: 95% ASTM C1371-04a