

Going Green Solutions, LLC



ThermaBarrier®™

ALUM 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

PO Box 13003
Arlington, TX 76094

Item Number:

ThermaBarrier ALUM-500
ThermaBarrier ALUM-1000

ThermaBarrier®™

Sales@GoingGreenSolutions.us

817.970.5130



Technical Data Sheet

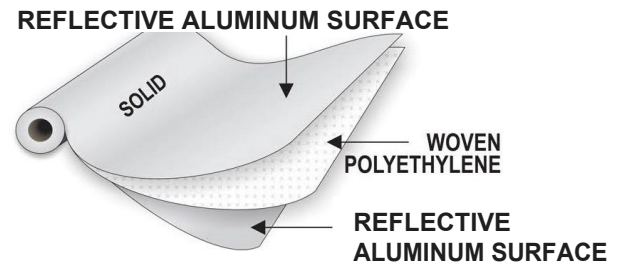
ThermaBarrier®™

ALUM Reflective Thermal Barrier

SOLID or PERFORATED

Product Description:

ThermaBarrier®™ ALUM Reflective Thermal Barrier, RFID, is a solid (non-perforated) multi-layered sheet constructed of two-sided reflective aluminum film with a single layer of polyethylene woven reinforcement in the middle.



Green Building Attributes

- 97% 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 insulatic

Made in the USA



Stock Sizes Available (Rolls):

Size:	Part No.:
48" X 125' (500sf)	ThermaBarrier- ALUM-500
48" X 250' (1000sf)	ThermaBarrier-ALUM-1000

Product	Reflective Barrier - ALUM
Description	Double-sided reflecting Pure Aluminum film with polyethylene woven reinforcement.
Standard Roll Sizes	48" x 125' / 48" x 250'
Weight per roll	16 lbs (500 sq ft) / 32 lbs (1000 sq ft)
Thickness	125 microns
Tensile/Tear Strength	MD: 101.48 Pounds Force TD: 86.22 Pounds Force Stretch: 48.99 Pounds Force Tear: 14.51 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	EMISSION: 0.03 REFLECTIVITY: 97% ASTM C1371-04a