



ADVANCED THERMAL INSULATION™

AMCRG is provider of specialty insulation components fabricated from a wide range of glass fibers. The design of insulation products can be tailored to exact customer specifications.

Our experience with high-quality, custom insulation products was forged in the aerospace industry, then quickly diversified into a broad spectrum of markets

Applications

- **Marine**
Decks, bulkheads, superstructures, interiors
- **Road and Rail**
Floors, walls, roof panels, interiors,
- **Aircraft**
Floors, galley carts, interior partitions, cargo containers
- **Defense**
Naval vessels, shelters,
- **Building and Construction**

Thermal management, interior panels, elevators shafts, stairwell encasements

ATI™ is a continuous insulation as defined by ASHRAE 90.1- 2004 “Insulation that is continuous across all structural members other than fasteners and service openings. It is installed on the interior, exterior, or is integral to any opaque surface of the building envelope.”

Typical Properties

- Width: 30 inches
- Thickness: 1 inch
- Density 10.0lbs/cuft
- R Value 5.0
- Toxicity No Hazardous substances RoHS Compliant
- Combustibility Non-combustible
- Nominal Fiber Diameter 9 microns... Non-respirable
- Carcinogen Listings None
- Shipping Labels N/A non-hazardous

Testing

AMCRG values tested according to the following protocols:

Mil Spec Mil-I-16411, Mil-I-24244, ASTM E-84, Smoke 0, Flame 0, ANSI 2.5, NFPA 255, UBC 8-1, UL 723, USCG 164.109, NRC 1.36, ASTM C 423, ASTM C 177

The data provided gives approximate values. The information contained herein is believed to be correct and to correspond to the latest scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding the accuracy or the results to be obtained from the use of such information. No statement is intended or should be construed as a recommendation to infringe any existing patent