



# WE CAN HANDLE YOUR HEAT

Auburn Manufacturing, Inc. designs and produces high performance, high-temperature resistant fabrics and composites for standard and custom applications.

We understand textiles, coatings, chemical treatments, and composites. And we've been involved with heat transfer for over 35 years! Industries where heat and fire are daily concerns — like petroleum, ship building/repair, mining, steel, aluminum, power generation — depend on AMI textiles to reduce fire risk and optimize efficiencies.

**We are ready for new modular heat and fire barrier challenges to meet the hot requirements of aerospace and other transportation production!**

Our team of "texperts" have the skill and experience to make a wide variety of textiles using fibers, coatings, and other heat-enhancement technologies. We also have the ability to create innovative thermal barriers using various fabrics and fillers, along with CAD sewing techniques.

Let's have a heated discussion about your application so we can put our focus on innovation to work for you. We can talk with you about

- ▶ Fibers
- ▶ Knitting (Round)
- ▶ Fabrication
- ▶ Chemical Leaching
- ▶ Yarns
- ▶ Laminating
- ▶ Coating
- ▶ Finishing
- ▶ Weaving (Broad and Narrow)
- ▶ Quilting
- ▶ Wire Insertion



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*U.S. Manufacturer!*





# AMI MEETS AND SETS HIGH STANDARDS

AMI is committed to providing the most advanced, safest and high-quality flexible barriers against extreme-temperature challenges worldwide. We meet and set very high standards.

## Military

- MIL-C-20079H — Glass Cloth for thermal insulation components
- MIL-C-24576A — Cloth, Silica Glass for welding and cutting operations
- USCG164.009 — Test for Incombustibility
- NRC 1.36 — Nuclear Regulatory Commission Standard
- MIL I-24244D — Insulation Material with Special Corrosion, Chloride and Fluoride Requirements
- US DOE Safety Rule 10 CFR 851 — Worker Safety and Health Program (for DOE and National Nuclear Security Administration)
- US DOL 1910.252 — OSHA Standard on Welding, Cutting and Brazing

## Industry

- ANSI/FM 4950 — Standard for Evaluating Welding Pads, Blankets and Curtains for Hot Work Operations
- NFPA 51B, 2009 Edition — Standard for Fire Prevention During Welding, Cutting and Other Hot Work
- California Code of Regulations, Title 8, Section 4848 Fire Prevention and Suppression Procedures
- ANSI Z49.1 — Safety in Welding, Cutting and Allied Processes
- API 2009 — Safe Welding, Cutting and Hot Work Practices in the Petroleum and Petrochemical Industries
- ASTM E84 — Standard Test Method for Surface Burning Characteristics of Building Materials
- ASTM C335 — Standard Test Method for Steady-State Heat Transfer Properties of Pipe Insulation
- ASTM C553 — Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications
- ASTM C1695 — Standard Specification for Fabrication of Flexible Removable and Reusable Blanket Insulation for Hot Service
- ASTM E96, Procedure B — Standard Test Method for Water Vapor Transmission of Materials

## Codes

- Cage Code #9Y192
- NAICS Code #313210



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