

*for Industrial, Maintenance, Repair,  
Operations, Production*

*U.S. Manufacturer!*





## INDUSTRIES LOOK TO AMI FOR ADVANCED HEAT PROTECTION

AMI's products protect people, equipment and facilities from extremely high heat in critical operations of today's heat-intensive process industries such as oil/petrochemical refining and drilling facilities, steel and aluminum foundries, and power generating facilities. Super-heated steam and molten metal require super-protective materials to protect workers from burns; facilities from fire; while providing energy-saving protection wherever possible. The creativity and innovation among other industries has AMI's heat resistant fabrics used in areas like glass and mirror manufacturing, data centers for fire protection, and for fire safety in the entertainment industry—specifically pyrotechnic entertainment and lighting. AMI's Ever Green® modular insulation composite materials are used in both the industrial and institutional retrofit construction markets to literally save tons of carbon emissions while cutting energy costs. Colleges, universities, hospitals, municipal, state, and federal facilities everywhere are reducing their carbon footprint and "greening up" by retrofitting their industrial piping and mechanical insulation systems with AMI's Ever Green Cut 'n Wrap insulation kits.

## 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 non-combustibility
- NRC 1.36 — Nuclear Regulatory Commission Standard
- MIL-DTL-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, 2019 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 — Standard Test Method for Water Vapor Transmission of Materials

### Codes

- Cage Code #9Y192
- NAICS Code #313210

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Auburn Manufacturing, Inc. is the industry leader in high performance textiles for reducing the risks of fire and heat, protecting personnel and equipment, lowering energy consumption and saving money. We manufacture the widest range available of versatile textile products for industrial maintenance, repair, operations and production applications, including pipe and hose coverings, removable pipe or valve insulation, gasketing and sealing, fire blankets, safety clothing, and welding protection fabrics – many now ANSI/FM 4950 Approved (certified) as Welding Pads, Blankets or Curtains in accordance with NFPA 51B 2019. Use this guide to find the sizes, weights, temperature resistance and other specific properties you need. Or click on [www.auburnmfg.com](http://www.auburnmfg.com) for complete specifications and SDS data.

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# AMI FABRICS

Light, flexible, non-abrasive and easy to use, our fabrics provide severe temperature protection from 225°F to 1800°F continuous (107°C to 980°C)...and from extreme cold, too. Engineered for exacting performance, they're made with a variety of temperature-resistant yarns including fiberglass, aramid, carbon and essentially pure amorphous silica — plus a full range of treatments and coatings.

## PRODUCT SELECTION GUIDE BY APPLICATION

|             | Welding | Insulation | Gasketing | Safety Fabrics |
|-------------|---------|------------|-----------|----------------|
| AMI-GLAS®   | ▲       | ▲          | ▲         |                |
| CARBO-GLAS® | ▲       | ▲          |           |                |
| VEXTRA®     | ▲       | ▲          | ▲         | ▲              |
| AMI-SIL®    | ▲       | ▲          | ▲         |                |
| AMI-THERM®  |         | ▲          | ▲         |                |
| AMI-FLEX®   |         | ▲          | ▲         | ▲              |
| CARBO-FLEX® |         |            |           | ▲              |
| AMI-TUF®    | ▲       | ▲          |           |                |
| GOLDENGLAS® | ▲       |            |           |                |

### AMI-GLAS®

*The workhorse of industrial textiles.*

- Made of 100% continuous filament fiberglass
- Continuous protection up to 1000°F/540°C
- Can be dyed, coated and/or aluminized
- Available with pressure-sensitive adhesive or wire inserted



### CARBO-GLAS®

*Get superior protection with this extremely tough yet soft fabric*

- Advanced carbon fiberglass composite fabric made by sandwiching fiberglass between layers of carbon fabric.
- Designed for heavy-duty slag protection, CARBO-GLAS® resists weld spatter and direct flame better than all-carbon or all-glass fabrics



### AMI-TUF®

*Durable coated fiberglass stands up to industrial punishment.*

- Silicone rubber-coated fiberglass resists moisture and oil, withstands harsh environments
- PTFE (Teflon®)-coated version for effective chemical resistance
- Continuous protection to 500°F/260°C (limit of silicone), 550°F/288°C (limit of PTFE)
- Available in a variety of colors to match equipment, simplify identification (hot pipes, cold pipes, etc.)



### AMI-THERM®

*Twice the insulation value of fiberglass, yet soft and pliable.*

- Safe, non-irritating aramid fiber
- Continuous protection to 600°F/320°C
- Lightweight and flexible — easily conforms to any shape



### VEXTRA®

*Combat heat with superior vermiculite armor.*

- Noncombustible vermiculite-coated fiberglass
- 50% more protection from direct flame than standard fiberglass — heat travels across the fabric, not through it
- Remains stable to 1500°F/815°C; continuous protection to 1000°F/540°C



### GOLDENGLAS®

*Gold neoprene rubber coating withstands heavy use.*

- 100% woven texturized fiberglass fabric with neoprene rubber coating
- Fabric remains stable to 1000°F/540°C; neoprene coating is limited to 225°F/107°C continuous
- Made for high traffic areas or where fabric must be moved frequently



### AMI-SIL®

*The ultimate in ceramic-free high temperature protection!*

- Minimum 96% amorphous silica content
- Continuous protection to 1800°F/980°C; melting point in excess of 3000°F/1650°C
- Available with reflective aluminized polyester film or durable silicone coating
- Safe substitute for ceramic in refractory applications



### AMI-FLEX®

*The flexible choice for demanding applications.*

- Continuous protection to 600°F/320°C
- Made of aramid fiber with fiberglass support
- Available aluminized for radiant heat resistance



### CARBO-FLEX®

*The best solution for direct heat resistance*

- Composite of aramid-fiberglass and partially carbonized non-woven acrylic for enhanced thermal performance.
- An innovative composite that combines the strength and heat resistance of AMI's aramid and glass fabrics with the excellent direct heat resistance of preox (partially carbonized acrylic).



# WELDING PROTECTION FABRIC GUIDELINES

AMI makes six different types of high temperature fabrics for welding safety use, ranging in temperature resistance from 225°F (107°C) to 3000°F (1650°C). They are designed for a wide range of applications and levels of heat exposure, and are available with a variety of fibers and coatings.

- AMI-GLAS® - 100% fiberglass
- VEXTRA® - Vermiculite-Coated AMI-GLAS®
- GOLDENGLAS® - Neoprene-Coated AMI-GLAS®
- AMI-TUF® - Silicone-coated AMI-GLAS®
- CARBO-GLAS® - Carbon-Fiberglass Composite
- AMI-SIL® - Essentially Pure Amorphous Silica

## FM APPROVED FABRICS

Ongoing third-party certification is critical to safe product performance. To date, 21 of our fabrics have been tested and rated to the ANSI/FM 4950 Standard, and our plants and processes have been successfully and regularly audited by FM Approvals. The FM Approvals mark is your assurance that the fabrics conform to the highest internationally accepted standards for quality, safety, and performance.

FM Approvals is the testing and certification arm of FM Global. It developed the first performance-based standard for "Welding Curtains, Blankets and Pads" — the FM 4950 Standard. Early in 2007, the FM 4950 test procedures were adopted by the widely recognized ANSI (American National Standards Institute) as ANSI/FM 4950. The Standard rates fabrics based on severity of use. The rating system makes it easy for safety professionals to determine which of the three levels of fire protection — welding curtains, welding blankets or welding pads — is needed for a specific hot work operation.

## NFPA 51B REQUIRES RATED MATERIALS

In 2009, NFPA revised the *NFPA 51B Standard for Fire Prevention During Welding, Cutting and Other Hot Work*. NFPA 51B now requires that welding blankets, curtains and pads be listed, approved, or the equivalent, for such use. One such listing includes ANSI/FM 4950, American National Standard for Evaluating Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations. The Standard was updated in 2019. NFPA 51B 2019 further clarifies that third-party certification requirement.

## FABRIC RATINGS






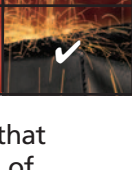
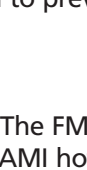
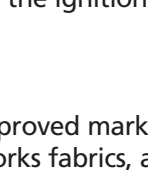
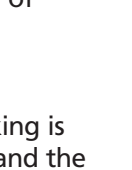
**Welding Curtains** — intended for use in VERTICAL applications with LIGHT to MODERATE exposures to sparks and heat, such as that resulting from chipping, grinding, heat-treating, sand blasting and light horizontal welding. They are designed to prevent sparks from escaping the designated work area.

**Welding Blankets** — intended for use in HORIZONTAL applications with LIGHT to MODERATE exposures to sparks, heat and molten metal slag. They are designed to protect machinery and prevent ignition of combustibles, located in the designated work area.

**Welding Pads** — intended for use in HORIZONTAL applications with SEVERE exposures, such as that resulting from molten substances or heavy horizontal welding. Designed to prevent the ignition of combustibles that are located adjacent to the underside of the pad.

## FABRIC LABELING — CERTIFIED TO THE CORE

For added assurance, AMI prominently labels their products to the core. The FM Approved marking is located on the exterior product packaging, and is printed directly on all AMI hot works fabrics, and the mark can be found on the inner cardboard cove of every roll.

| APPLICATION  | ANSI/FM 4950 RATING   |   |   |
|--|---|---|---|
|  | CURTAIN   | BLANKET   | PAD   |
| <b>Vertical</b><br>Light Moderate Sparks           |  |  |  |
| <b>Horizontal</b><br>Light/Moderate Sparks<br>Heat |  |  |  |
| <b>Horizontal</b><br>Severe Molten Metal           |  |  |  |

**CAUTION:** All fabrics are potentially subject to burn-through. To be effective, fabrics used for welding protection purposes must be utilized as part of a fire prevention system. They should always be employed in accordance with the procedures set forth in NFPA 51B Hot Work Standard or other applicable standards.

# AMI FM APPROVED WELDING FABRICS



## FM APPROVED FABRICS RATING KEY INFORMATION

To make it easier to choose the right FM Approved fabric for a specific hot work operation, AMI has rated the fabrics as GOOD, BETTER and BEST. The rating determines the level of protection offered by the fabrics.

### On a scale of 1-10:

Fabrics with a rating of 1-3 are rated "GOOD"; 4-6 are rated "BETTER"; and 7-10 are rated "BEST"

The ratings take into account a number of factors such as durability, weatherization and thermal performance. Rating determination is based on distance from hot work, amount of mechanical abuse, level of exposure to sparks and slag, location of the fabric, moisture concerns, elements such as wind and UV if application is outdoors, how much of the fabric will be exposed, and is workspace open or confined.

### "GOOD"

Fabrics rated as "GOOD" fall under the FM Approved category of "Welding Curtains" — intended for use in VERTICAL applications with light to moderate exposures to sparks and heat.

### "BETTER"

Fabrics rated by AMI as "BETTER" also fall under the FM Approved category of "Welding Curtain" as above, but also exhibit enhanced durability and weatherization capabilities due to added coatings and/or fabric thickness.

### "BEST"

Fabrics rated as "BEST" fall under the FM Approved categories of "Welding Pads" and "Welding Blankets". Welding Blankets are intended for HORIZONTAL applications with light to moderate exposures to sparks, heat and molten metal slag. Welding Pads are intended for use in HORIZONTAL applications with severe exposures to molten substances or heavy horizontal welding.

## AMI-SIL® (AS)

*Minimum 96% pure amorphous silica cloth for extreme temperature protection. Continuous operating temperature: 1800°F (980°C).*

| AMI Fabric Rating | FM Approved Category | Product Code | Finished Nom. Wt. | Thickness | Width    |
|-------------------|----------------------|--------------|-------------------|-----------|----------|
| GOOD 1            | Curtain              | CAS1200      | 12 oz.            | .028"     | 36"      |
| GOOD 1            | Curtain              | AS1800F      | 18 oz.            | .030"     | 36"      |
| GOOD 1            | Curtain              | AS1800G      | 18 oz.            | .026"     | 36", 60" |
| BETTER 4          | Curtain              | AS2400       | 24 oz.            | .040"     | 36", 60" |
| BEST 8            | Pad                  | AS3600       | 36 oz.            | .054"     | 36", 60" |
| BEST 8            | Pad                  | CAS4000*     | 40 oz.            | .090"     | 39", 60" |
| BEST 9            | Blanket              | SAS2400-1**  | 29 oz.            | .047"     | 36", 60" |

\* AMI-SIL® CAS4000 only available in rolled goods. Not recommended for fabrication.

\*\* Silicone-coated AMI-SIL® (500°F/260°C) temperature resistance reflects limitation of silicone coating.

## AMI-GLAS® (GL)

*100% fiberglass fabric – the welding safety standard. Continuous operating temperature: 1000°F (540°C).*

| AMI Fabric Rating | FM Approved Category | Product Code  | Finished Nom. Wt. | Thickness | Width         |
|-------------------|----------------------|---------------|-------------------|-----------|---------------|
| GOOD 2            | Curtain              | GL1300 Colors | 13 oz.            | .016"     | 60"           |
| GOOD 2            | Curtain              | GL2025-9383   | 18 oz.            | .036"     | 40", 60", 72" |
| GOOD 2            | Curtain              | GL2401 Colors | 24 oz.            | .055"     | 40", 60", 72" |

# AMI FM APPROVED WELDING FABRICS

## AMI-TUF® (SGL)

Silicone coated fiberglass, good for outdoor use. Continuous operating temperature: 500°F (260°C).

| AMI Fabric Rating | FM Approved Category | Product Code | Finished Nom. Wt. | Thickness | Width    |
|-------------------|----------------------|--------------|-------------------|-----------|----------|
| GOOD 3            | Curtain              | SGL1400      | 14 oz.            | .013"     | 38", 60" |
| BETTER 5          | Curtain              | SGL1700      | 17 oz.            | .016"     | 60"      |
| BETTER 5          | Curtain              | SGL3200      | 32 oz.            | .035"     | 37", 60" |
| BETTER 6          | Blanket              | SGLP3100     | 31 oz.            | .037"     | 37", 60" |

## GOLDENGLAS® (GLN)

100% fiberglass cloth coated with tough neoprene rubber. Continuous operating temperature: 225°F (107°C).

| AMI Fabric Rating | FM Approved Category | Product Code | Finished Nom. Wt. | Thickness | Width         |
|-------------------|----------------------|--------------|-------------------|-----------|---------------|
| BETTER 6          | Curtain              | GLN2025      | 21 oz.            | .030"     | 40", 60" 72"  |
| BETTER 6          | Curtain              | GLN2401      | 27 oz.            | .055"     | 40", 60", 72" |

## CARBO-GLAS® (PGL)

Advanced carbon fiberglass composite. Continuous operating temperature: 500°F (260°C).

| AMI Fabric Rating | FM Approved Category | Product Code | Finished Nom. Wt. | Thickness | Width |
|-------------------|----------------------|--------------|-------------------|-----------|-------|
| BEST 7            | Pad                  | PGL2000      | 20 oz.            | .150"     | 60"   |

## VEXTRA® (GLV)

Vermiculite-coated fiberglass (remains stable to 1500°F/815°C). Continuous operating temperature: 1000°F (540°C).

| AMI Fabric Rating | FM Approved Category | Product Code | Finished Nom. Wt. | Thickness | Width    |
|-------------------|----------------------|--------------|-------------------|-----------|----------|
| GOOD 2            | Curtain              | GLV3201 TP   | 35 oz.            | .070"     | 40", 60" |
| GOOD 2            | Curtain              | GLV3500 TP   | 38 oz.            | .080"     | 40", 60" |
| BEST 10           | Pad                  | SGLV6000-1*  | 75 oz.            | .115"     | 40", 60" |

\* Silicone-coated VEXTRA® (500°F/260°C) temperature resistance reflects limitation of silicone coating.

## AMI-GUARD® FIRE QUILT™

Quilted composite with a fiberglass mat between two layers of fiberglass that has been coated with a specially formulated black silicone compound. Temperature resistance of fiberglass mat: 1000°F (540°C)  
Silicone coated fabric: 500°F (260°C)

| AMI Fabric Rating | FM Approved Category | Product Code     | Finished Nom. Wt. | Thickness | Width  |
|-------------------|----------------------|------------------|-------------------|-----------|--|
| BEST 9            | Pad                  | SGLP14 Composite | 55 oz.            | .250"     | 4'x4' Quilted Blanket (standard square size for quilting is 6" x 6") |

## FABRICATED CURTAINS, PADS, AND BLANKETS

Many of these fabrics are available as curtains, pads or blankets, with or without grommets, custom sewn to fit your specific needs, or in standard sizes. Grommets are placed 18" on center on all four sides. Standard thread is PTFE-coated fiberglass.

Standard Sizes Available

|         |         |         |           |
|---------|---------|---------|-----------|
| 3' x 3' | 6' x 6' | 6' x 8' | 10' x 10' |
|---------|---------|---------|-----------|



AMI's new FM Approved, 3-in-1, ready-to-go, quilted welding curtain, blanket or pad.

# MRO—HEAT RESISTANT TEXTILES CLOTH

AMI manufactures a complete line of standard fiberglass, silicone-coated and WETWRAP™ rewettable encapsulation cloth. For complete specifications and SDS information see [www.auburnmfg.com](http://www.auburnmfg.com), or call **1-800-AMI-6689** for customer assistance.

## APPLICATIONS INCLUDE:

- ▶ Pipe wrap
- ▶ Expansion joints
- ▶ Heat barriers
- ▶ Machinery protection
- ▶ Insulation pads for removable flange and valve covers (Please refer to Insulation Textiles Section)



## AMI-GLAS® (GL)

**100% fiberglass cloth is safe, tough and versatile**

| Product Code | Finished Nom. Wt./yd. <sup>2</sup> | Thickness | Width         | Government Specs.                                    |
|--------------|------------------------------------|-----------|---------------|--|
| GL0850       | 9 oz.                              | .018"     | 60"           | MIL-C-20079H, Type 1, Class 3<br>MIL-D-24244 D(SH)   |
| GL1100       | 11 oz.                             | .013"     | 38", 60"      | MIL-C-20079H   |
| GL1201       | 12 oz.                             | .025"     | 40", 60", 72" |  |
| GL1202       | 12 oz.                             | .025"     | 60", 72"      |  |
| GL1300       | 13 oz.                             | .016"     | 60"           |  |
| GL2025       | 18 oz.                             | .036"     | 40", 60", 72" | MIL-C-20079H, Type 1, Class 9<br>MIL-DTL-24244 D(SH) |
| GL2401       | 24 oz.                             | .055"     | 40", 60", 72" | MIL-C-20079H, Type 1 Class 10                        |
| GL2618       | 26 oz.                             | .026"     | 38", 60"      |  |
| GL3001       | 30 oz.                             | .065"     | 40", 60", 72" |  |
| GL3201       | 32 oz.                             | .070"     | 40", 60", 72" |  |
| GL3500       | 35 oz.                             | .080"     | 40", 60"      |  |
| GL4000       | 40 oz.                             | .090"     | 40", 60"      |  |
| GL6000       | 60 oz.                             | .125"     | 40", 60"      |  |
| GL6000       | 60 oz.                             | .125"     | 40", 60"      |  |

*All uncoated fiberglass fabrics are noncombustible meeting USCG 164.009-5(f).*

### Twill Weave

|          |        |       |          |
|----------|--------|-------|----------|
| GLTW2600 | 26 oz. | .055" | 40", 60" |
|----------|--------|-------|----------|

### Rewettable

|         |        |       |     |              |
|---------|--------|-------|-----|--------------|
| RGL1450 | 15 oz. | .027" | 60" | MIL-C 20079H |
|---------|--------|-------|-----|--------------|

### Aluminized (450°F/232°C temperature resistance reflects limitation of adhesive for aluminization)

|              |        |       |          |                               |
|--------------|--------|-------|----------|-------------------------------|
| AGL0850      | 13 oz. | .020" | 60"      | MIL-C-20079H, Type 1 Class 10 |
| AGL2025-9383 | 21 oz. | .031" | 48", 60" |                               |
| AGL2401      | 28 oz. | .056" | 40"      |                               |
| AGL3001      | 34 oz. | .066" | 40"      |                               |
| AGL3201      | 36 oz. | .068" | 40"      |                               |
| AGL3500      | 39 oz. | .081" | 40"      |                               |
| AGL4000      | 44 oz. | .091" | 40"      |                               |
| AGL4000      | 44 oz. | .091" | 40"      |                               |

### Aluminized P.E.T. Film (450°F/232°C temperature resistance reflects limitation of adhesive for aluminization)

|          |        |       |     |
|----------|--------|-------|-----|
| AMGL1300 | 16 oz. | .016" | 59" |
| AMGL2025 | 19 oz. | .030" | 40" |
| AMGL2401 | 26 oz. | .042" | 40" |

### Wire Inserted

|          |        |       |               |
|----------|--------|-------|---------------|
| GLW2025  | 18 oz. | .030" | 40", 60"      |
| GLW2401  | 24 oz. | .055" | 40", 60"      |
| GLW3001  | 30 oz. | .070" | 40", 60", 72" |
| GLW3201  | 32 oz. | .067" | 40", 60", 72" |
| GLW3500  | 35 oz. | .080" | 40", 60"      |
| GLWB3500 | 35 oz. | .080" | 40", 60"      |
| GLW4000  | 40 oz. | .090" | 40", 60"      |
| GLW6000  | 60 oz. | .125" | 40", 60"      |
| GLWB6000 | 60 oz. | .125" | 40", 60"      |

## NOTES:

- Other GL fabrics are available wire inserted upon request
- Finish treatments: Colors Available, RR (Ravel Resistance) and DRX Coating. Does not meet MIL spec.
- 9383 Heat treatment available at no charge to meet MIL-C-20079H
- Five yd. minimum order necessary



## CARBO-GLAS® (PGL)

**Fiberglass carbon composite cloth**

| Product Code | Weight/yd. <sup>2</sup> | Thickness | Width |
|--------------|-------------------------|-----------|-------|
| PGL1400-1    | 14 oz.                  | .075"     | 60"   |
| PGL2000      | 20 oz.                  | .150"     | 60"   |



AMI's AMI-GLAS® products with foil lamination



# MRO—HEAT RESISTANT TEXTILES CLOTH



## VEXTRA® (GLV)

100% fiberglass cloth coated with noncombustible vermiculite armor

| Product Code  | Finished Nom. Wt./yd. <sup>2</sup> | Thickness | Width         |
|---|------------------------------------|-----------|---------------|
| GLV1201   | 13 oz.                             | .030"     | 40", 60", 72" |
| GLV2025   | 18 oz.                             | .030"     | 40", 60", 72" |
| GLV2025-TP  | 19 oz.                             | .030"     | 40", 60"      |
| GLV2401   | 25 oz.                             | .055"     | 40", 60", 72" |
| GLV2401-TP  | 26 oz.                             | .055"     | 40", 60"      |
| GLV3001   | 31 oz.                             | .065"     | 40", 60", 72" |
| GLV3001-TP  | 33 oz.                             | .065"     | 40", 60"      |
| GLV3201   | 33 oz.                             | .070"     | 40", 60", 72" |
| GLV3201-TP  | 35 oz.                             | .070"     | 40", 60"      |
| GLV3500   | 37 oz.                             | .080"     | 40", 60"      |
| GLV3500-TP  | 39 oz.                             | .080"     | 40", 60"      |
| GLV4000   | 42 oz.                             | .090"     | 40", 60"      |
| GLV4000-TP  | 40 oz.                             | .090"     | 40", 60"      |
| GLV6000   | 62 oz.                             | .125"     | 40", 60"      |
| GLV6000-TP  | 66 oz.                             | .125"     | 40", 60"      |
| <b>Black Cloth</b>  |                                    |           |               |
| FLVB1700-TP   | 20 oz.                             | .065"     | 40", 60"      |
| GLVB2401-TP   | 26 oz.                             | .055"     | 40", 60"      |
| GLVB3500-TP   | 39 oz.                             | .080"     | 40", 60"      |
| <b>Silicone-Coated (500°F/260°C temperature resistance reflects limitation of silicone coating)</b> |                                    |           |               |
| SGLV3001-1-TP   | 39 oz.                             | .070"     | 40", 60"      |
| SGLV6000-1-TP   | 75 oz.                             | .115"     | 40", 60"      |
| <b>Stainless Steel Wire Plied with Fiberglass Yarns</b>   |                                    |           |               |
| GLWV2401-TP   | 24 oz.                             | .055"     | 40", 60"      |
| GLWV3500  | 35 oz.                             | .080"     | 40", 60"      |



## AMI-TUF® (SGL, TGL AND TR)

Silicone rubber-coated and PTFE-coated fiberglass cloth repels oil and moisture

| Product Code   | Finished Nom. Wt./yd. <sup>2</sup> | Thickness | Width    |
|--|------------------------------------|-----------|----------|
| <b>Silicone-Coated</b>   |                                    |           |          |
| SGL1400  | 14 oz.                             | .013"     | 38", 60" |
| SGL1700  | 17 oz.                             | .016"     | 60"      |
| SGLHB2000  | 20 oz.                             | .025"     | 38"      |
| SGL3200  | 32 oz.                             | .035"     | 37", 60" |
| SGL5300  | 53 oz.                             | .060"     | 40", 60" |
| SGL6300  | 63 oz.                             | .060"     | 36", 60" |
| SGL9000  | 90 oz.                             | .125"     | 40", 60" |
| <b>PTFE-Coated (withstands temperatures to 550°F/288°C continuous)</b> |                                    |           |          |
| TGL140   | 14 oz.                             | .012"     | 60"      |
| TGL165   | 17 oz.                             | .017"     | 60"      |
| TGL180   | 18 oz.                             | .018"     | 60"      |
| <b>AMI-TUF PLUS</b>  |                                    |           |          |
| SGLP1400   | 14 oz.                             | .015"     | 37", 60" |
| SGLP1700   | 16 oz.                             | .016"     | 60"      |
| SGLP3100   | 31 oz.                             | .037"     | 37", 60" |
| <b>AMI-TUF (TR)</b>  |                                    |           |          |
| SGL1400 TR   | 14 oz.                             | .018"     | 38", 60" |

### NOTES:

- 10 different colors available; for TGL fabrics, gray is standard, other colors available at extra charge (See *Insulation Textiles—Cold Side* for color selection)
- Five yd. minimum order necessary
- Standard Put-Ups: 50 yd. rolls (SGL 9000 available in 25 yd. rolls maximum)



**AMI-TUF® TR** New translucent flexible heat and fire barrier. Ideal for data center protection, hot and cold aisle containment and hot work containment.



## GOLDENGLAS®

Gold neoprene rubber coating withstands heavy use

| Product Code | Finished Nom. Wt./yd. <sup>2</sup> | Thickness | Width         |
|--------------|------------------------------------|-----------|---------------|
| GLN2025      | 21 oz.                             | .030"     | 40", 60", 72" |
| GLN2401      | 27 oz.                             | .055"     | 40", 60", 72" |

# MRO—HEAT RESISTANT TEXTILES CLOTH



## AMI-FLEX® (FL)

*Advanced composite of aramid and fiberglass fibers handles the rugged jobs*

| Product Code  | Finished Nom. Wt./yd. <sup>2</sup> | Thickness | Width    |
|---|------------------------------------|-----------|----------|
| FL1200  | 12 oz.                             | .056"     | 40", 60" |
| FL1700  | 17 oz.                             | .065"     | 40", 60" |
| FL2200  | 22 oz.                             | .080"     | 40", 60" |
| FL3300  | 33 oz.                             | .102"     | 50"      |
| FLPB12200   | 22 oz.                             | .080"     | 40", 60" |
| <b>Aluminized (450°F/232°C temperature resistance reflects limitation of adhesive for aluminization)</b>    |                                    |           |          |
| AFL1200   | 14 oz.                             | .038"     | 40"      |
| AFL1700   | 19 oz.                             | .052"     | 40", 60" |
| AFLPN1500   | 17 oz.                             | .070"     | 40", 60" |
| <b>Herringbone Weave</b>  |                                    |           |          |
| FLHB2200  | 22 oz.                             | .080"     | 40", 60" |
| <b>CARBO-FLEX® (500°F/260°C temperature resistance reflects limitation of partially carbonized acrylic)</b> |                                    |           |          |
| FLPN1500  | 15 oz.                             | .100"     | 40"      |
| FLP3000   | 30 oz.                             | .145"     | 40", 60" |

### NOTES:

- Five yd. minimum order necessary
- Available with RR, DRC, or DRC with DRX coatings. See page 23 for coating descriptions.



## AMI-THERM® (NX)

*Aramid non-woven cloth provides twice the insulation value of fiberglass with added flexibility*

| Product Code | Construction  | Thickness | Width |
|--------------|---------------|-----------|-------|
| NX08         | Needled       | .125"     | 40"   |
| NX16S        | Stitch-Bonded | .060"     | 45"   |
| NX16F        | Needled       | .070"     | 40"   |

### NOTES:

- Minimum order: 1 roll
- Special widths available on request
- Roll length 100 ft.



## AMI-SIL® (AS)

*Min. 96% pure amorphous silica cloth for the ultimate in high temperature protection*

| Product Code   | Finished Nom. Wt./yd. <sup>2</sup> | Thickness | Width    |
|--|------------------------------------|-----------|----------|
| AS1800F  | 18 oz.                             | .030"     | 36"      |
| AS1800G  | 18 oz.                             | .026"     | 36", 60" |
| AS2400   | 24 oz.                             | .040"     | 36", 60" |
| AS3600   | 36 oz.                             | .054"     | 36", 60" |
| <b>Commercial Grade</b>  |                                    |           |          |
| CAS1200  | 13 oz.                             | .028"     | 36"      |
| CAS1700  | 17 oz.                             | .035"     | 39"      |
| CAS4000  | 40 oz.                             | .090"     | 39"      |
| <b>Abrasion Resistant</b>  |                                    |           |          |
| AS1800FAR  | 18 oz.                             | .030"     | 36"      |
| AS1800GAR  | 18 oz.                             | .030"     | 36"      |
| AS2400AR   | 24 oz.                             | .040"     | 36", 60" |
| AS3600AR   | 36 oz.                             | .054"     | 36", 60" |
| CAS1200AR  | 13 oz.                             | .028"     | 36"      |
| CAS1700AR  | 17 oz.                             | .035"     | 39"      |
| CAS4000AR  | 40 oz.                             | .090"     | 39"      |
| <b>Silicone-Coated (500°F/260°C temperature resistance reflects limitation of silicone coating)</b>            |                                    |           |          |
| SAS2400-1  | 29 oz.                             | .047"     | 36", 60" |
| <b>Aluminized (450°F/232°C temperature resistance reflects limitation of adhesive for aluminization)</b>       |                                    |           |          |
| AAS1800-G  | 18 oz.                             | .032"     | 36"      |
| AAS2400  | 25 oz.                             | .040"     | 36"      |
| AAS3600  | 37 oz.                             | .054"     | 36"      |
| <b>Pressure Sensitive Adhesive Backed (300°F/150°C temperature resistance reflects limitation of adhesive)</b> |                                    |           |          |
| AS1800FAR-PSA  | 18 oz.                             | .030"     | 36"      |
| AS3600-PSA   | 36 oz.                             | .054"     | 36", 60" |

### NOTES:

- Standard Put-Ups: 50 yd. rolls
- Construction: woven with non-texturized yarn
- Five yd. minimum order necessary
- Abrasion Resistant (AR) coated finish is available. See page 23 for coating descriptions.

# MRO—INSULATION TAPES

AMI's lightweight, non-irritating insulating tape is the result of over 30 years of continuous innovation in weaving and coating technologies. They are ideal for demanding applications such as protecting small steam lines, hose coverings, exhaust manifolds and expansion joints. For complete specifications and SDS information see [www.auburnmfg.com](http://www.auburnmfg.com), or call **1-800-AMI-6689** for customer assistance.



## AMI-GLAS® (GL)

*Texturized fiberglass tapes provide outstanding insulation for pipe and joint applications*

| Product Code   | Thickness | Width              |
|----------------|-----------|--------------------|
| <b>Premium</b> |           |                    |
| GL32           | .032"     | 1/2" – 6 1/2"      |
| GL16           | .060"     | 1/2" – 7 1/2"      |
| GL08           | .125"     | 1/2" – 7"          |
| GL04           | .250"     | 5/8" – 6"          |
| GL02           | .500"     | 1" – 4"            |
| GL375          | .375"     | 1", 1 1/2", 1 3/4" |

### NOTES:

- Standard Put-Ups: 50 ft. and 100 ft. rolls
- Pressure sensitive adhesive tapes available in most sizes
- Available plain or bolt hole



## VEXTRA® (GLV)

*Fiberglass tapes with vermiculite armor*

| Product Code   | Thickness | Width       |
|----------------|-----------|-------------|
| <b>Premium</b> |           |             |
| GLV32          | .032"     | 1" – 6"     |
| GLV16          | .060"     | 1" – 7 1/2" |
| GLVB16 (Black) | .060"     | 1" – 6"     |
| GLV08          | .125"     | 1" – 7"     |
| GLV04          | .250"     | 1" – 6"     |

### NOTES:

- Standard Put-Ups: 50 ft. and 100 ft. rolls
- Pressure sensitive adhesive tapes available
- Available plain or bolt hole

## APPLICATIONS INCLUDE:

- ▶ Pipe wrap
- ▶ Hose and cable coverings
- ▶ Heat barriers
- ▶ Exhaust manifold wrap
- ▶ Expansion joints
- ▶ OEM heat shields



AMI Heat Resistant Tapes



AMI-GLAS® Bolt Hole Tape



VEXTRA® Fiberglass Tape With Vermiculite Armor—Available In Black

# MRO—INSULATION TAPES



## AMI-THERM® (NX)

*Our aramid non-woven tape provides twice the insulation value of fiberglass*

| Product Code | Thickness | Width   | Construction  |
|--------------|-----------|---------|---------------|
| NX08         | .125"     | 1" – 8" | Needled       |
| NX16S        | .060"     | 1" – 6" | Stitch-Bonded |
| NX16F        | .070"     | 1" – 6" | Needled       |

### NOTES:

- Standard Put-Ups: 100 ft. rolls, NX08 = 50 ft. per roll



## AMI-FLEX® (FL)

*Aramid/fiberglass tape for tough jobs requiring extra flexibility and durability*

| Product Code | Thickness | Width   | Standard Put-Ups |
|--------------|-----------|---------|------------------|
| FL16         | .060"     | 1" – 6" | 100 ft. rolls    |
| FL08         | .125"     | 1" – 5" | 100 ft. rolls    |
| FL04         | .250"     | 1" – 4" | 50 ft. rolls     |

### NOTES:

- Construction: woven
- Available with pressure sensitive adhesive upon request



## AMI-SIL® (AS)

*Min. 96% pure amorphous silica tapes perform at the hottest temperature extremes*

| Product Code              | Thickness | Width   | Standard Put-Ups |
|---------------------------|-----------|---------|------------------|
| <b>Woven Silica Tapes</b> |           |         |                  |
| AS50                      | .050"     | 1" – 6" | 100 ft. rolls    |
| AS90                      | .090"     | 1" – 6" | 50 ft. rolls     |

### NOTES:

- Construction: narrow woven



## AMI-SIL® (AS-PSA)

*Pressure sensitive adhesive-backed amorphous silica tapes offer the best in high temperature insulation and cohesion for pipe wrap applications*

| Product Code   | Thickness | Width   | Standard Put-Ups |
|--|-----------|---------|------------------|
| <b>Slit and Pressure Sensitive Adhesive-Backed Cloth Tapes</b> |           |         |                  |
| AS18-PSA   | .030"     | 1" – 5" | 150 ft. rolls    |
| AS36-PSA   | .054"     | 1" – 6" | 75 ft. rolls     |

### NOTES:

- Construction: woven and slit
- Other widths are available on request up to 36"



# MRO—PIPE & HOSE COVERING TUBING

Install AMI insulation tubing over pipes and instrumentation lines to protect personnel and equipment, save energy and money. For complete specifications and SDS information see [www.auburnmfg.com](http://www.auburnmfg.com), or call **1-800-AMI-6689** for customer assistance.

## APPLICATIONS INCLUDE:

- ▶ Protection of hose lines
- ▶ Protection of cable
- ▶ Protection of metal tubing
- ▶ Protection of steam tracing lines



## AMI-GLAS® (GLT)

**100% fiberglass tubing is the industrial standard for tough, versatile protection**

| Product Code | Diameter  |
|--------------|-----------|
| GLT375       | 3/8" ID   |
| GLT500       | 1/2" ID   |
| GLT625       | 5/8" ID   |
| GLT750       | 3/4" ID   |
| GLT875       | 7/8" ID   |
| GLT1000      | 1" ID     |
| GLT1250      | 1 1/4" ID |
| GLT1500      | 1 1/2" ID |
| GLT1750      | 1 3/4" ID |
| GLT2000      | 2" ID     |
| GLT2250      | 2 1/4" ID |
| GLT2500      | 2 1/2" ID |
| GLT3000      | 3" ID     |
| GLT3500      | 3 1/2" ID |

### NOTES:

- Standard Put-Ups: 100 ft. rolls
- Thickness: .060" wall
- Braided tubing available upon request



AMI-GLAS® Insulated Tubing



## SILICONE-COATED AMI-GLAS® TUBING (SGLT)

| Product Code | Diameter  |
|--------------|-----------|
| SGLT375      | 3/8" ID   |
| SGLT500      | 1/2" ID   |
| SGLT625      | 5/8" ID   |
| SGLT750      | 3/4" ID   |
| SGLT875      | 7/8" ID   |
| SGLT1000     | 1" ID     |
| SGLT1250     | 1 1/4" ID |
| SGLT1500     | 1 1/2" ID |
| SGLT1750     | 1 3/4" ID |
| SGLT2000     | 2" ID     |
| SGLT2250     | 2 1/4" ID |
| SGLT2500     | 2 1/2" ID |
| SGLT3000     | 3" ID     |
| SGLT3250     | 3 1/4" ID |
| SGLT3500     | 3 1/2" ID |
| SGLT3750     | 3 3/4" ID |
| SGLT4000     | 4" ID     |

### NOTES:

- Thickness: .125" wall
- Standard Put-Ups: 100 ft. up to 1-1/2" ID; if ID is greater than 1-1/2", minimum order is 50 ft.



AMI-GLAS® Silicone Coated Tubing

# MRO—PIPE & HOSE COVERING **TUBING**



## **VEXTRA® (GLTV)**

*Vermiculite-coated fiberglass tubing provides 50% more protection than standard fiberglass*

| Product Code | Diameter  |
|--------------|-----------|
| GLTV375      | 3/8" ID   |
| GLTV500      | 1/2" ID   |
| GLTV625      | 5/8" ID   |
| GLTV750      | 3/4" ID   |
| GLTV875      | 7/8" ID   |
| GLTV1000     | 1" ID     |
| GLTV1250     | 1 1/4" ID |
| GLTV1500     | 1 1/2" ID |
| GLTV1750     | 1 3/4" ID |
| GLTV2000     | 2" ID     |
| GLTV2250     | 2 1/4" ID |
| GLTV2500     | 2 1/2" ID |
| GLTV3000     | 3" ID     |
| GLTV3500     | 3 1/2" ID |

### **NOTES:**

- Standard Put-Ups: 100 ft. rolls
- Thickness: .060" wall
- Construction: woven



## **AMI-FLEX® (FLT)**

*Aramid tubing is lightweight and flexible with twice the protection of fiberglass*

| Product Code | Diameter  |
|--------------|-----------|
| FLT375       | 3/8" ID   |
| FLT500       | 1/2" ID   |
| FLT625       | 5/8" ID   |
| FLT750       | 3/4" ID   |
| FLT875       | 7/8" ID   |
| FLT1000      | 1" ID     |
| FLT1250      | 1 1/4" ID |
| FLT1500      | 1 1/2" ID |
| FLT1750      | 1 3/4" ID |
| FLT2000      | 2" ID     |
| FLT2250      | 2 1/4" ID |
| FLT2500      | 2 1/2" ID |

### **NOTES:**

- Standard Put-Ups: 100 ft. rolls
- Thickness: .060" wall
- Construction: woven



AMI's VEXTRA® Vermiculite Coated Fiberglass Tubing



AMI's AMI-FLEX® Tubing



# MRO—GASKETING & SEALING ROPES

Look to AMI for the industry's broadest expertise in fiberglass ropes for gasketing...and the best prices you'll find. For complete specifications and SDS information see [www.auburnmfg.com](http://www.auburnmfg.com), or call **1-800-AMI-6689** for customer assistance.

## APPLICATIONS INCLUDE:

- ▶ Gasketing and wicking applications
- ▶ Oven door seals
- ▶ Drawstring for removable insulation jackets

(Please see Pad Components Section)



## AMI-GLAS® (GLR)

**100% fiberglass ropes are the industry standard for seals and gasketing**

| Product Code | Yield         | Diameter  | Ft./case |
|--------------|---------------|-----------|----------|
| GLR125HD     | 150.0 ft./lb. | 1/8" OD   | 3750     |
| GLR188HD     | 102.0 ft./lb. | 3/16" OD  | 2550     |
| GLR250HD     | 45.5 ft./lb.  | 1/4" OD   | 1138     |
| GLR375HD     | 25.0 ft./lb.  | 3/8" OD   | 625      |
| GLR500HD     | 15.0 ft./lb.  | 1/2" OD   | 375      |
| GLR625HD     | 10.0 ft./lb.  | 5/8" OD   | 250      |
| GLR750HD     | 7.6 ft./lb.   | 3/4" OD   | 205      |
| GLR875HD     | 5.5 ft./lb.   | 7/8" OD   | 138      |
| GLR1000HD    | 4.5 ft./lb.   | 1" OD     | 113      |
| GLR1250HD    | 3.0 ft./lb.   | 1 1/4" OD | 75       |
| GLR1500HD    | 2.0 ft./lb.   | 1 1/2" OD | 50       |
| GLR2000HD    | 0.74 ft./lb.  | 2" OD     | 50       |

| Product Code | Yield        | Diameter | Ft./case |
|--------------|--------------|----------|----------|
| GLR250MD     | 54.0 ft./lb. | 1/4" OD  | 270      |
| GLR500MD     | 20.6 ft./lb. | 1/2" OD  | 1000     |

| Product Code | Yield        | Diameter  | Ft./case |
|--------------|--------------|-----------|----------|
| GLR250LD     | 78.0 ft./lb. | 1/4" OD   | 1950     |
| GLR375LD     | 46.1 ft./lb. | 3/8" OD   | 1153     |
| GLR500LD     | 26.1 ft./lb. | 1/2" OD   | 653      |
| GLR625LD     | 17.3 ft./lb. | 5/8" OD   | 433      |
| GLR750LD     | 12.8 ft./lb. | 3/4" OD   | 320      |
| GLR875LD     | 7.3 ft./lb.  | 7/8" OD   | 183      |
| GLR1000LD    | 6.2 ft./lb.  | 1" OD     | 155      |
| GLR1250LD    | 3.7 ft./lb.  | 1 1/4" OD | 93       |
| GLR1500LD    | 2.5 ft./lb.  | 1 1/2" OD | 63       |

## NOTES:

- Construction: knitted
- Available in High Density (HD), Medium Density (MD) or Low Density (LD)
- Larger diameters available on request
- Different densities available upon request
- Spooling available
- Square braided and twisted rope is available upon request



# MRO—GASKETING & SEALING ROPES



## AMI-FLEX® (FLR)

*Advanced composite of aramid and fiberglass—a powerful combination of strength and versatility*

| Product Code | Yield        | Diameter | Ft./case |
|--------------|--------------|----------|----------|
| FLR125       | 320 ft./lb.  | 1/8"     | 4000     |
| FLR188       | 256 ft./lb.  | 3/16"    | 3200     |
| FLR250       | 80 ft./lb.   | 1/4"     | 2000     |
| FLR375       | 64 ft./lb.   | 3/8"     | 1600     |
| FLR500       | 33.6 ft./lb. | 1/2"     | 840      |

### NOTES:

- Construction: knitted



## AMI-SIL® (ASR) High Density

*Min. 96% pure amorphous silica ropes provide maximum protection against the highest temperatures*

| Product Code | Yield        | Diameter | Ft./case |
|--------------|--------------|----------|----------|
| ASR375HD     | 37.5 ft./lb. | 3/8"     | 625      |
| ASR500HD     | 22.5 ft./lb. | 1/2"     | 375      |
| ASR625HD     | 15 ft./lb.   | 5/8"     | 250      |
| ASR750HD     | 12.3 ft./lb. | 3/4"     | 205      |
| ASR875HD     | 8.3 ft./lb.  | 7/8"     | 138      |
| ASR1000HD    | 6.8 ft./lb.  | 1"       | 113      |
| ASR1250HD    | 4.5 ft./lb.  | 1 1/4"   | 75       |
| ASR1500HD    | 3 ft./lb.    | 1 1/2"   | 50       |



AMI-FLEX® (FLR) Ropes



AMI-SIL® (ASR) Ropes



## AMI-SIL® Braided Rope (ASBR)

*Min. 96% pure amorphous silica ropes provide maximum protection against the highest temperatures*

| Product Code | Yield        | Diameter | Ft./case             |
|--------------|--------------|----------|----------------------|
| ASBR250      | 58.8 ft./lb. | 1/4"     | 100                  |
| ASBR375      | 27.0 ft./lb. | 3/8"     | 100                  |
| ASBR500      | 20.0 ft./lb. | 1/2"     | 100                  |
| ASBR750      | 10.2 ft./lb. | 3/4"     | 100                  |
| ASBR1000     | 7.0 ft./lb.  | 1"       | 75                   |
| ASBR1375     | 2.8 ft./lb.  | 1 3/8"   | 90 (2-45 ft. pieces) |
| ASBR2000     | 1.3 ft./lb.  | 2"       | 90 (2-45 ft. pieces) |



# MRO—GASKETING & SEALING TADPOLE

## TAPES

Please refer to the Tapes section in Pipe & Hose Covering for a wide range of AMI tapes suitable for gasketing applications.

## TADPOLE TAPES

AMI offers a variety of fabricated tadpole gaskets and other specialty tapes to meet your gasketing needs. For complete specifications and SDS information see [www.auburnmfg.com](http://www.auburnmfg.com), or call **1-800-AMI-6689** for customer assistance.



## TADPOLE TAPES

### AMI-GLAS® (GL) — .125" Tail Thickness

**100% fiberglass tadpole tapes are strong and dependable**

| Product Code | Overall Width | Bulb Diameter |
|--------------|---------------|---------------|
| GL16-1000    | 1"            | 3/8" – 5/8"   |
| GL16-1250    | 1 1/4"        | 3/8" – 3/4"   |
| GL16-1375    | 1 3/8"        | 3/8" – 3/4"   |
| GL16-1500    | 1 1/2"        | 3/8" – 3/4"   |
| GL16-1625    | 1 5/8"        | 3/8" – 3/4"   |
| GL16-1750    | 1 3/4"        | 3/8" – 1 1/2" |
| GL16-1875    | 1 7/8"        | 3/8" – 1 1/2" |
| GL16-2000    | 2"            | 3/8" – 1 1/2" |
| GL16-2250    | 2 1/4"        | 3/8" – 1 1/2" |
| GL16-2375    | 2 3/8"        | 3/8" – 1 1/2" |
| GL16-2500    | 2 1/2"        | 3/8" – 1 1/2" |
| GL16-2625    | 2 5/8"        | 3/8" – 1 1/2" |
| GL16-2750    | 2 3/4"        | 3/8" – 1 1/2" |
| GL16-3000    | 3"            | 3/8" – 1 1/2" |

## NOTES:

- *Standard Put-Ups: 100 ft. lengths*
- *Thickness: .060" wall*
- *Available Plain or 9383 Heat Cleaned*
- *Custom sizes available*
- *Other bulb choices available*



Tadpole Tapes — .125" Tail Thickness



# MRO—GASKETING & SEALING TADPOLE



## VEXTRA® (GLV) — .125" Tail Thickness

*Tadpole tapes with vermiculite armor (remains stable to 1500°F/815°C)*

| Product Code | Overall Width | Bulb Diameter |
|--------------|---------------|---------------|
| GLV16-1000   | 1"            | 3/8" – 5/8"   |
| GLV16-1250   | 1 1/4"        | 3/8" – 3/4"   |
| GLV16-1375   | 1 3/8"        | 3/8" – 3/4"   |
| GLV16-1500   | 1 1/2"        | 3/8" – 3/4"   |
| GLV16-1750   | 1 3/4"        | 3/8" – 1 1/2" |
| GLV16-1875   | 1 7/8"        | 3/8" – 1 1/2" |
| GLV16-2000   | 2"            | 3/8" – 1 1/2" |
| GLV16-2250   | 2 1/4"        | 3/8" – 1 1/2" |
| GLV16-2375   | 2 3/8"        | 3/8" – 1 1/2" |
| GLV16-2500   | 2 1/2"        | 3/8" – 1 1/2" |
| GLV16-2625   | 2 5/8"        | 3/8" – 1 1/2" |
| GLV16-2750   | 2 3/4"        | 3/8" – 1 1/2" |
| GLV16-3000   | 3"            | 3/8" – 1 1/2" |



### NOTES:

- *Standard Put-Ups: 100 ft. lengths*
- *Tape construction: woven, vermiculite coating*
- *Bulb construction: knitted fiberglass rope core*
- *Thickness: .060" wall*
- *Custom sizes available*
- *Other bulb choices available*



## AMI-SIL® (AS) — .125" Tail Thickness

*Min. 96% pure amorphous silica tadpole tape is our most powerful shield against extreme temperatures*

| Product Code | Overall Width | Bulb Diameter |
|--------------|---------------|---------------|
| AS16-1000    | 1"            | 3/8" – 5/8"   |
| AS16-1250    | 1 1/4"        | 3/8" – 3/4"   |
| AS16-1375    | 1 3/8"        | 3/8" – 3/4"   |
| AS16-1500    | 1 1/2"        | 3/8" – 3/4"   |
| AS16-1750    | 1 3/4"        | 3/8" – 1 1/2" |
| AS16-1875    | 1 7/8"        | 3/8" – 1 1/2" |
| AS16-2000    | 2"            | 3/8" – 1 1/2" |
| AS16-2250    | 2 1/4"        | 3/8" – 1 1/2" |
| AS16-2375    | 2 3/8"        | 3/8" – 1 1/2" |
| AS16-2500    | 2 1/2"        | 3/8" – 1 1/2" |
| AS16-2625    | 2 5/8"        | 3/8" – 1 1/2" |
| AS16-2750    | 2 3/4"        | 3/8" – 1 1/2" |
| AS16-3000    | 3"            | 3/8" – 1 1/2" |



### NOTES:

- *Standard Put-Ups: 25 ft. lengths*
- *Jacket construction: woven*
- *Rope construction: knitted*
- *Special sizes available on request*
- *Thickness: .060" wall*

# INSULATION TEXTILES—HOT SIDE

Removable insulation jackets save energy...and money.

Our AMI-FAB® pad component system includes everything needed to fabricate removable insulation jackets for your plant and can pay for themselves in just a few months. We can also recommend reputable pad making companies near you.

For complete specifications and SDS information see [www.auburnmfg.com](http://www.auburnmfg.com), or call **1-800-AMI-6689** for customer assistance.

## HOT SIDE

Against the pipe or valve, AMI recommends fiberglass or silica cloth, depending on your temperature resistance requirements.



### AMI-GLAS® (GL)

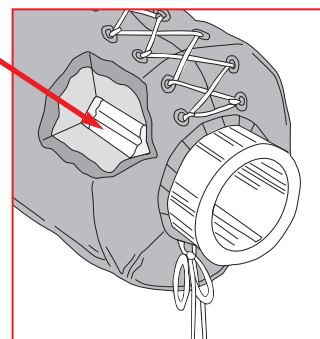
**100% fiberglass cloth – the dependable standard for pipe and valve protection**

| Product Code | Weight/yd. <sup>2</sup> | Thickness | Width         |
|--------------|-------------------------|-----------|---------------|
| GL2025*      | 18 oz.                  | .036"     | 40", 60", 72" |
| GL2401       | 24 oz.                  | .055"     | 40", 60", 72" |

**\*Government Specs: MIL-C-20079H; TYPE 1, CLASS 9 (WITH 9383 HEAT FINISH)**

#### NOTES:

- Standard Put-Ups: 50 yd. rolls



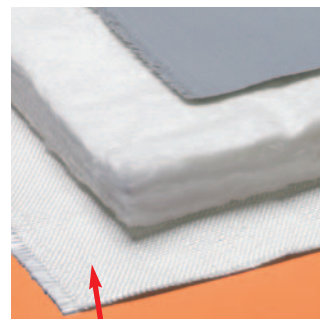
### VEXTRA® (GLV)

**Tough and durable vermiculite-coated cloth (remains stable to 1500°F/815°C)**

| Product Code | Weight/yd. <sup>2</sup> | Thickness | Width         |
|--------------|-------------------------|-----------|---------------|
| GLV2025      | 18 oz.                  | .030"     | 40", 60", 72" |
| GLV2025-TP   | 19 oz.                  | .030"     | 40", 60"      |
| GLV2401      | 25 oz.                  | .055"     | 40", 60", 72" |

#### NOTES:

- Standard Put-Ups: 50 yd. rolls
- Standard Color: bronze. Additional colors available.



### AMI-SIL® (AS)

**Min. 96% pure amorphous silica cloth is the ultimate defense against the hottest temperatures**

| Product Code              | Weight/yd. <sup>2</sup> | Thickness | Width    |
|---------------------------|-------------------------|-----------|----------|
| <b>Plain</b>              |                         |           |          |
| CAS1200                   | 13 oz.                  | .028"     | 36"      |
| AS2400                    | 24 oz.                  | .040"     | 36", 60" |
| AS3600*                   | 36 oz.                  | .054"     | 36", 60" |
| <b>Abrasion Resistant</b> |                         |           |          |
| AS2400AR                  | 24 oz.                  | .040"     | 36", 60" |
| AS3600AR                  | 36 oz.                  | .054"     | 36", 60" |

**\*Government Specs: MIL-C-24576A(SH); TYPE 1, CLASS 1**

#### NOTES:

- Standard Put-Ups: 50 yd. rolls
- Available in Abrasion Resistant (AR)
- AMI-SIL Fabrics are not pre-shrunk
- Construction: woven with non-texturized yarn

Hot Side Fabrics



## KNITTED WIRE MESH (for additional hot side fabric protection)

| Product Code | Material          | Weight/ft. <sup>2</sup> | Thickness |
|--------------|-------------------|-------------------------|-----------|
| WM08         | Stainless Steel   | 24 lb.                  | .008"     |
| WM11         | Knitted Wire Mesh | 14 lb.                  | .011"     |

#### NOTES:

- Width: 18", 24", 30", 42"
- Auburn Mfg. does not manufacture needled mat products – please call us for sourcing information

# INSULATION TEXTILES—COLD SIDE

## COLD SIDE

The outer layer of your insulation jacket provides critical protection. Our AMI-FAB® system includes oil resistant silicone-coated AMI-TUF® cloth, available in 10 different colors to match your environment, indicate a safety hazard or color-code your process. You can also choose PTFE-coated AMI-TUF®, or special aluminized AMI-GLAS® fabric.



### AMI-TUF® (SGL or TGL)

*Silicone rubber-coated cloth provides tough resistance to water, oil and heat*

| Product Code                            | Weight/yd. <sup>2</sup> | Thickness |
|---|-------------------------|-----------|
| <b>Silicone-coated fiberglass cloth</b> |                         |           |
| SGL1400                                 | 14 oz.                  | .013"     |
| SGL1700                                 | 17 oz.                  | .016"     |
| SGLHB2000                               | 20 oz.                  | .025"     |
| SGL3200                                 | 32 oz.                  | .035"     |

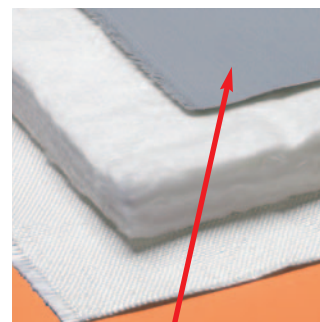
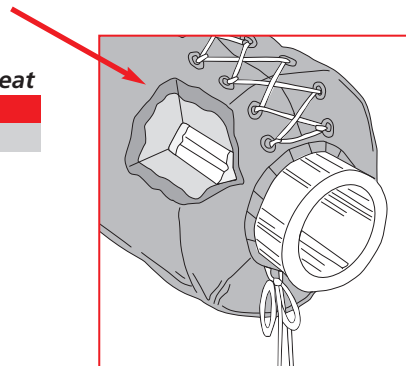
#### NOTES:

- Standard Put-Ups: 50 yd. rolls
- Cloth can be slit into tapes
- Widths 37", 38", 60"

| Product Code  | Weight/yd. <sup>2</sup> | Thickness |
|---|-------------------------|-----------|
| <b>PTFE-coated fiberglass cloth (withstands temperatures to 550°F/288°C continuous)</b> |                         |           |
| TGL140-60   | 13 oz.                  | .012"     |
| TGL165-60   | 17 oz.                  | .017"     |
| TGL180-60   | 18 oz.                  | .018"     |

#### NOTES:

- Standard Put-Ups: 50 yd. rolls
- For TGL fabrics, gray is standard



Cold Side Fabrics



### AMI-GLAS® (AGL)

*Aluminized 100% fiberglass fabric for spray shield applications (temperature resistance reflects limitation of adhesive for aluminization)*

| Product Code | Weight/yd. <sup>2</sup> | Thickness |
|--------------|-------------------------|-----------|
| AGL2025-9383 | 21 oz.                  | .031"     |

#### NOTES:

- Aluminized for spray shields
- Width: 48" and 60"
- 60" width meets Government Specs: MIL-20079H; TYPE 1, CLASS 10



### AMI-GLAS® (RGL)

*100% fiberglass cloth treated with an organic, rewettable coating*

| Product Code | Weight/yd. <sup>2</sup> | Thickness |
|--------------|-------------------------|-----------|
| RGL1450      | 14.5 oz.                | .027"     |

#### NOTES:

- Width: 60"
- Meets MIL-C-20079H, TYPE 1, CLASS 4



#### AMI-TUF (SGL) AVAILABLE COLORS:

##### Standard Colors:

Red  
Gray  
Salmon

##### Premium Colors:

Carlsbad Tan  
Bright Yellow  
Red Guard  
Juniper  
Hess Green  
White  
Black



# INSULATION TEXTILES—ACCESSORIES

## ACCESSORIES

To fabricate your pads for easy installation and removal, a full range of heat-resistant drawstrings, sewing thread and associated hardware is available.

### SEWING THREADS

*PTFE-coated fiberglass, aramid or metalized threads for secure pad fabrication*

| Product Code | Material                | Yield         | Size       |
|--------------|-------------------------|---------------|------------|
| TGL12        | PTFE-Coated fiberglass  | 3000 yds./lb. | 2 lb. cone |
| TGL18        | PTFE-Coated fiberglass  | 2000 yds./lb. | 2 lb. cone |
| TGL24        | PTFE-Coated fiberglass  | 1500 yds./lb. | 2 lb. cone |
| KV70         | Aramid                  | 6000 yds./lb. | 1 lb. cone |
| MT13         | Metalized Sewing Thread | 2188 yds./lb. | 1 lb. cone |



### DRAWSTRINGS

#### AMI-GLAS® (GLR)

*100% fiberglass yarn for industrial strength fastening and support*

| Product Code | Yield                  | Thickness |
|--------------|------------------------|-----------|
| GLR125HD     | 150 ft./lb.            | 1/8"      |
| GLR188HD     | 102 ft./lb.            | 3/16"     |
| *SGL17 TAPE  | 10 ft., 25 ft., 50 ft. | .016"     |
| SGL32        | 10 ft., 25 ft., 50 ft. | .035"     |

*\*Silicone-coated AMI-GLAS® tape (500°F/260°C temperature resistance reflects limitation of silicone coating)*



#### AMI-FLEX® (FLR)

*100% aramid fiber with fiberglass support – lightweight, flexible yet tough yarns offer strength and versatility*

| Product Code | Yield       | Thickness |
|--------------|-------------|-----------|
| FLR125       | 320 ft./lb. | 1/8"      |
| FLR188       | 256 ft./lb. | 3/16"     |

### LACING HOOKS, WASHERS AND RINGS

*Stainless steel accessories for secure and durable removable cover fabrication*

| Product Code/Description | Size     | Diameter            |
|--------------------------|----------|---------------------|
| A12 Lacing Anchor        | 12 gauge | 1.5", 2.5", 4.5" ID |
| A12 Lacing Top-2         | 12 gauge | 1" ID               |
| A12 Lacing Washer-2      | 12 gauge | 1" ID               |
| A12 Lacing Ring          | 12 gauge | .5" ID              |
| A14 Lacing Anchor        | 14 gauge | 1.5", 2.5", 4.5" ID |
| A14 Lacing Top-2         | 14 gauge | 1" ID               |
| A14 Lacing Washer-2      | 14 gauge | 1" ID               |
| A14 Lacing Ring          | 14 gauge | .5" ID              |

#### NOTES:

- All accessories are stainless steel



# INSULATION TEXTILES—EVER GREEN® CUT 'N WRAP™

## EVER GREEN CUT 'N WRAP

### All-In-One Insulation Kit For Pipe Components & Fittings

AMI's Ever Green® Cut 'n Wap™ Insulation Kits are the first all-in-one modular system for fast, on-site fabrication of removable insulation covers that can be fabricated and installed onsite in minutes, and start saving energy immediately. The Cut 'n Wrap Insulation Kits are ready-to-use, removable and re-usable insulated blankets that cover steam, hot water, and dual temperature distribution piping, valves, flanges, fittings and other hard-to-get-to components. Only utility knife and plier stapler needed.

Reduce  
Carbon  
Emissions  
Up To  
**8%!**

AMI offers Ever Green Kits in three temperature ranges:

#### Ever Green HS — rated to 500°F

- For indoor steam and hot water distribution systems
- Each kit includes one 4 ft. x 8 ft. modular blanket and one 75 ft. roll of hook and loop fastener
- Industrial-grade coated fabric rated to 500°F continuous service
- Each kit can typically insulate 3-5 components
- Available in 3 colors: Evergreen, Gray, White
- Starter Kit available. Starter kits includes staple pliers, box of staples, utility knife and work apron
- Extra hook & loop fasteners available



#### Ever Green ET — rated to 700°F on hot (challenge) side

- For elevated temperature steam and process lines
- Each kit includes one 4 ft. x 8 ft. modular blanket and one 75 ft. roll of hook and loop fastener
- 2 inch Eco-friendly fiberglass insulation rated to 700°F
- Available in 3 colors: Evergreen, Gray, White
- Extra hook & loop fasteners available



# INSULATION TEXTILES—EVER GREEN® CUT 'N WRAP™

## Ever Green CHW — rated Min/Max: 32°F/250°F.

- For chilled water or dual temperature components
- Each kit includes one 4 ft. x 8 ft. modularized insulation blanket with a zero- perm vapor retarder and a 75 ft. roll of 4 in. wide zero-perm pressure sensitive tape, a tube of silicone caulk and a utility knife
- 2 inch Eco-friendly fiberglass insulation
- Extra zero-perm tape available



| Product Code | Weight    | Size      | Maximum Use Temp |
|--------------|-----------|-----------|------------------|
| EG HS Kit    | 19.0 lbs. | 32 sq.ft. | 500°F            |
| EG ET Kit    | 19.0 lbs. | 32 sq.ft. | 700°F            |
| EG CHW Kit   | 27.0 lbs. | 32 sq.ft. | 250°F            |

### EG Accessories

|                        |   |
|------------------------|---|
| EG Tool Kit            | Includes staple pliers, box of staples, utility knife, work apron |
| EG Hook & Loop - Green | 75 ft. Roll   |
| EG Hook & Loop - Black | 75 ft. Roll   |
| EG Zero Perm Tape      | 75 ft. Roll   |

### NOTES:

- Meets ASTM E-84: 25/50 Flame Spread & Smoke Developed
- Fiberglass insulation core meets ASTM C553, Type VI requirements
- Meets ASTM C1695-10: Specification of Fabricating Flexible Removable & Reusable Blankets



CUT.



WRAP.



STRAP.

Go to [www.cutnwrap.com](http://www.cutnwrap.com) for

- Energy Savings Calculator
- Material Calculator

# SAFETY CLOTHING **FABRICS**

AMI offers core-spun, woven, knit, coated and aluminized, heat resistant, durable fabric for easy construction and comfort without sacrificing industrial safety and protection. Call us for safety PPE fabricators. For complete specifications and SDS information see [www.auburnmfg.com](http://www.auburnmfg.com), or call **1-800-AMI-6689** for customer assistance. *These fabrics are not intended for home use.*



## **AMI-FLEX® (FL)**

**100% aramid safety fabric provides comfortable and lightweight industrial protection**

| Product Code | Weight/yd. <sup>2</sup> | Thickness | Width    |
|--------------|-------------------------|-----------|----------|
| FL1200       | 12 oz.                  | .056"     | 40", 60" |
| FL1700       | 17 oz.                  | .065"     | 40", 60" |
| FL2200       | 22 oz.                  | .080"     | 40", 60" |
| FL3300       | 33 oz.                  | .102"     | 50"      |
| FLPB12200    | 22 oz.                  | .080"     | 40", 60" |
| AFL1200      | 14 oz.                  | .038"     | 40"      |
| AFL1700      | 19 oz.                  | .052"     | 40", 60" |

### **NOTES:**

- Available in Aluminized (AFL) – 300°F/150°C temperature resistance reflects limitation of adhesive for aluminization. For a complete listing of our specialty aluminized products please see our Aluminized Products At-A-Glance on our website.
- See page 23 for coating options.
- May be ordered with a DRC or DRC with DRX coating.



## **CARBO-FLEX® (FLP)**

**Composite of aramid-fiberglass and partially carbonized non-woven acrylic offers enhanced thermal performance**

| Product Code | Weight/yd. <sup>2</sup> | Thickness | Width    |
|--------------|-------------------------|-----------|----------|
| FLP3000      | 30 oz.                  | .145"     | 40", 60" |
| FLPN1500     | 15 oz.                  | .100"     | 40"      |
| AFLPN1500    | 17 oz.                  | .070"     | 40"      |



## **VEXTRA® (GLV) (FLVB)**

**Combat high temperatures with superior vermiculite armor over fiberglass fabric (remains stable to 1500°F/815°C)**

| Product Code | Weight/yd. <sup>2</sup> | Thickness | Width         |
|--------------|-------------------------|-----------|---------------|
| GLV2401      | 25 oz.                  | .055"     | 40", 60", 72" |
| GLV3001      | 31 oz.                  | .065"     | 40", 60", 72" |
| FLVB1700-TP  | 20 oz.                  | .065"     | 40", 60"      |



Call us for safety PPE fabricators.



## COATINGS & FINISHES\*

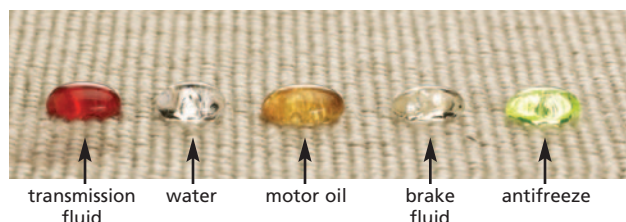
**DRX** — This finish is a proprietary treatment applied to AMI-FLEX® and AMI-GLAS® fabric to aid in cutting, sewing and fabricating applications. The finish is sacrificial at elevated temperatures and may burn off without affecting the base fabric's temperature resistance. Normally it is recommended that the coated side of the fabric be used on the inside of the fabricated article. Coating is color-coded on one side and offers the highest level of ravel resistance and is the most flexible.

**DRC** — Durable Resistant Coating — This finish is a proprietary fabric treatment to enhance repellency against splash or incidental contact with oils, greases, and water. Extends the useful life of articles fabricated with this material. The finish is sacrificial at elevated temperatures and may burn off without affecting the base fabric's temperature resistance. Coating is non-colored, totally saturating the fabric and available on AMI-FLEX® (FL) cloth. This coating provides a modest amount of ravel resistance. DRC can be combined with a colored DRX coating to provide the highest level of ravel resistance for fabrication and extended wear benefits.

**RR** — Ravel-resistant coating available on AMI-FLEX® and AMI-GLAS® fabrics. This proprietary treatment offers moderate ravel-resistance and aids in cutting, sewing and fabricating applications. The finish is sacrificial at elevated temperatures and may burn off without affecting the base fabric's temperature resistance. It is a non-colored coating and generally one side is saturated with the treatment.

**AR** — Abrasion Resistant Finish is available on the inherently delicate AMI-SIL fabrics and is orange in color. The finished fabrics are used in applications such as insulative or welding safety pads.

**LCF** — Low Coefficient of Friction Treatment is a specially formulated silicone rubber compound that is applied to fiberglass fabrics and provides a slick and easy-to-sew surface.



A close-up view of how well AMI's advanced coatings protect our fabrics from moisture and various oil-based substances.

\*See complete list of coatings and finishes on our website.

# WHY AUBURN MANUFACTURING IS THE SAFEST NAME IN EXTREME TEMPERATURE TEXTILES

1. We're a **vertical U.S. textile manufacturer**, with the broadest range of capabilities and over three decades of experience at solving industry's challenges with **safe, reliable heat-resistant textiles**.
2. AMI's **in-house test lab** is fully capable of evaluating textiles submitted by customers and supplying accurate test data in order to make the **safest choice to take the heat**.
3. Our Quality Management System is ISO 9001:2015 Certified, your assurance of our commitment to **continuous improvement** of our products.
4. We were first to provide **Third-Party Certification** for our Hot Work Safety Fabrics in compliance with NFPA 51B 2019 Edition, and offer 21 Approved fabrics for optimal safety on the job.

## Technical Support

Helpful AMI technicians are available during business hours, Monday-Friday, 8 a.m.-5 p.m. (EST) to answer your technical questions and help you choose the right product. Questions are also welcome via email on the AMI website at [www.auburnmfg.com](http://www.auburnmfg.com) where FAQs are also included.

## Sample Availability

Samples and data sheets are available on all AMI products for testing and evaluation. Call our office or visit our website to order samples online, or to download data sheets, pdfs of brochures, case studies, safety data sheets and other literature.

## Rapid Delivery...Worldwide

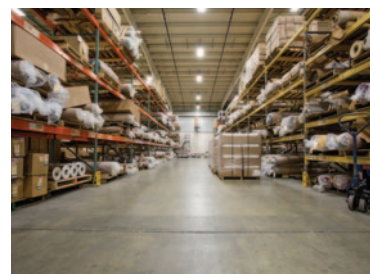
AMI products are readily available throughout North America, and are exported to over 20 countries throughout the world. From our U.S. warehouses, we are able to supply any size business with speed and reliability.

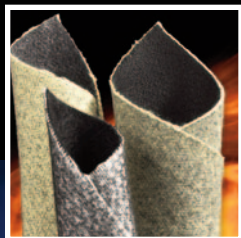
## Certifications

**ISO 9001:2008 Standard.** Certification means that we have established and apply a quality management system for the design, manufacture and finishing of high temperature textiles, and that we are fully committed to continuous improvement to meet or exceed our customers' expectations.

**WBE Certified.** AMI is certified as a Women's Business Enterprise (WBE) by the Women's Business Enterprise National Council (WBENC), the leading certifier of women-owned businesses that sell to corporations and government organizations. WBE certification is recognized and accepted by the majority of top corporations across the U.S.

**FM Approval** obtained for 21 AMI hot work fabrics. FM Approvals has been recognized as the leader in third-party certification programs to help ensure the quality, safety and performance for fire prevention products globally. Certification requires that these fabrics have passed a stringent test and certification program, meeting the conditions of ANSI/FM 4950 Approval standard for safety, performance and quality.





**FOR EXTREME TEMPERATURE  
TEXTILE SOLUTIONS...**

**ASK THE TEXPERTS.**

*Anyone intending to use the products identified and described in this publication, as well as the information or specifications concerning these products, should, before using them, be satisfied that the products are suitable for the intended use and meet all appropriate and applicable safety and health standards. The products identified and described in this publication will perform to any expressly indicated specifications only when properly used, and the user, not Auburn Manufacturing, is responsible for their proper use.*



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[www.auburnmfg.com](http://www.auburnmfg.com)

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