



Industrial Insulation Textiles and Removable Pad Components

Auburn Manufacturing, Inc. manufactures an extensive line of textile products for industrial maintenance, repair, operations and production applications, including a broad range of pipe and hose coverings and a complete system of removable flange and valve insulation pads.

For a complete specifications, color swatch book and MSDS information, call **1-800-AMI-6689** or visit www.auburnmfg.com

INDUSTRIAL INSULATION PRODUCTS

AMI-TUF® (SGL) (TGL) Silicone rubber-coated and PTFE-coated fiberglass cloth.

AMI-GLAS® (GL) 100% fiberglass cloth, tapes and tubing.

CARBO-GLAS® (PGL) Carbonized fiberglass directs bursts of extreme heat across, not through, the fabric.

VEXTRA® (GLV) Fiberglass cloth, tape and tubing coated with non-combustible vermiculite armor that boosts short-term heat resistance to 1500°F.

AMI-SIL® (AS) Minimum 96% pure amorphous silica cloth, tapes and tubing.

AMI-FLEX® (FL) Advanced fiberglass-aramid composite cloth, tapes and tubing.

AMI-THERM® (NX) Aramid non-woven cloth and tapes.

AMI-FAB® SYSTEM Components for removable insulation pads including hot side materials, cold side materials, fasteners and accessories.

PIPE & HOSE COVERING CLOTH

Applications • Pipe Lagging • Heat Shields • Expansion Joints • Machinery Protection

Product	Weight/sq.yd (oz)	Thickness (in)	Widths (in)	Temperature Resistance (°F)
AMI-GLAS® (GL) 100% fiberglass cloth	8.5 - 60	.013 - .125	38 - 72	1000
VEXTRA® (GLV) Fiberglass/w non-combustible vermiculite armor boosts short-term heat resistance to 1500°F	12 - 60	.025 - .125	40 - 72	1000
CARBO-GLAS® (PGL) Carbonized fiberglass directs bursts of extreme heat across, not through, the fabric.	14, 20	.075, .150	40, 60	500
AMI-THERM® (NX) Aramid non-woven cloth	6 - 9	.060 - .125	40, 45	600
AMI-FLEX® (FL) Advanced fiberglass-aramid composite	17 - 33	.065 - .145	40 - 60	600
AMI-SIL® (AS) Minimum 96% pure amorphous silica cloth	12.5 - 40	.028 - .090	36, 39	1800
AMI-TUF® (SGL & TGL) Silicone rubber-coated and PTFE-coated fiberglass cloth	14 - 90	.013 - .125	37 - 60	500

PIPE & HOSE COVERING TAPES

Applications • Pipe Wrap • Expansion Joints • Hose and Cable Coverings • OEM Heat Shields • Exhaust Manifold Wrap

Product	Thickness (in)	Widths (in)	Temperature Resistance (°F)
AMI-GLAS® (GL) Texturized fiberglass tape	.032 - .250	1/2 - 7-1/2	1000
VEXTRA® (GLV) Fiberglass with non-combustible vermiculite armor boosts short-term heat resistance to 1500°F	.032 - .250	1 - 7-1/2	1000
AMI-THERM® (NX) Aramid non-woven tape	.060 - .125	1 - 45	600
AMI-FLEX® (FL) Aramid/fiberglass tape	.060 - .250	1 - 6	600
AMI-SIL® (AS) Minimum 96% pure amorphous silica tape	.050 - .090	1 - 6	1800
AMI-SIL® (AS-PSA) Pressure sensitive adhesive-backed amorphous silica tape	.030 - .054	1-1/2 - 7	300

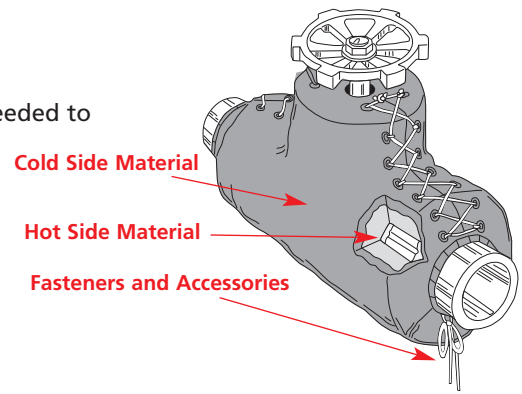
PIPE & HOSE COVERING TUBING

Applications • Protection of Hose Lines • Protection of Cables • Protection of Metal Tubing • Protection of Steam Tracing Lines

Product	ID Diameter (in)	Wall Thickness (in)	Temperature Resistance (°F)
AMI-GLAS® (GLT) 100% fiberglass tubing	3/8 - 3-1/2	.060	1000
AMI-GLAS® (SGLT) Silicone-coated fiberglass tubing	3/8 - 4	.125	500
VEXTRA® (GLTV) Fiberglass with non-combustible vermiculite armor boosts short-term heat resistance to 1500°F	3/8 - 3-1/2	.060	1000
AMI-FLEX® (FLT) Aramid tubing	3/8 - 2-1/2	.060	600
AMI-SIL® (AST) Minimum 96% pure amorphous silica tubing	1/4 - 6-1/2	.060	1800

REMOVABLE INSULATION PAD COMPONENTS

The AMI-FAB® removable insulation pad component system includes everything needed to fabricate removable insulation jackets.



HOT SIDE MATERIALS

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

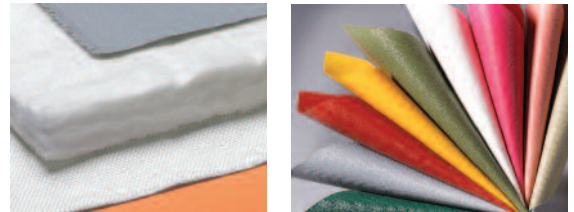
Product	Weight/sq.yd (oz)	Thickness (in)	Widths (in)	Temperature Resistance (°F)
AMI-GLAS® (GL) 100% fiberglass cloth	18 - 24	.036 - .055	40, 60, 72	1000
VEXTRA® (GLV) Fiberglass with non-combustible vermiculite armor boosts short-term heat resistance to 1500°F. Silicone-coated also available.	18 - 24	.030 - .055	40, 60, 72	1000
AMI-SIL® (AS)* Minimum 96% pure amorphous silica cloth; also available in abrasion resistant	12.5 - 36	.028 - .054	36	1800

* Refer to Sewing Guidelines on AMI website

Product	Weight/sq.ft (lb)	Thickness (in)	Widths (in)
KNITTED WIRE MESH For additional hot side fabric protection	14 - 24	.008 - .011	18, 24, 30, 42

COLD SIDE MATERIALS

The outer layer of your insulation jacket provides critical protection. The AMI-FAB® system includes oil resistant silicone-coated AMI-TUF® cloth, available in 10 different colors to match your environment.



Product	Weight/sq.yd (oz)	Thickness (in)	Temperature Resistance (°F)
AMI-TUF® (SGL)* Silicone rubber-coated cloth	14 - 32	.013 - .035	500
AMI-TUF® (TGL)* PTFE-coated fiberglass cloth	14 - 18	.014 - .017	500
AMI-GLAS® (AGL) Aluminized 100% fiberglass cloth for spray shield applications	18	.031	300**

*Standard Colors: Red, Grey and Salmon Premium Colors: Carlsbad Tan, Bright Yellow, Red Guard, Juniper, Hess Green, White, and Black.

**Reflects limitation of the adhesive for aluminization.

FASTENERS & ACCESSORIES

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



DRAWSTRINGS

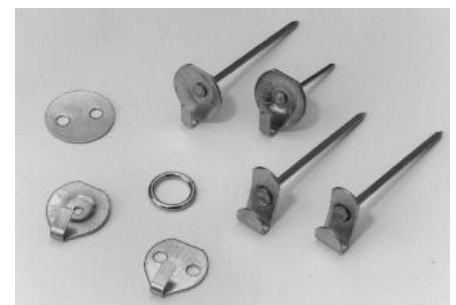
Product	Weight/sq.yd (oz)	Thickness (in)	Temperature Resistance (°F)
AMI-GLAS® (GLR) 100% fiberglass yarn	102 - 150	1/8 - 3/16	1000
AMI-GLAS® (SGL17) Silicone-Coated Tape	10ft., 25ft., 50ft.	.016	500
AMI-FLEX® (FLR) 100% aramid fiber with fiberglass support	256 - 320	1/8 - 3/16	600

SEWING THREADS

PTFE-coated fiberglass, aramid, metallized or PTFE-coated quartz sewing threads for secure pad fabrication.

LACING HOOKS, WASHERS AND RINGS

Stainless steel accessories for secure and durable removable cover fabrication.



AMI's Insulation Products are Made in the U.S.