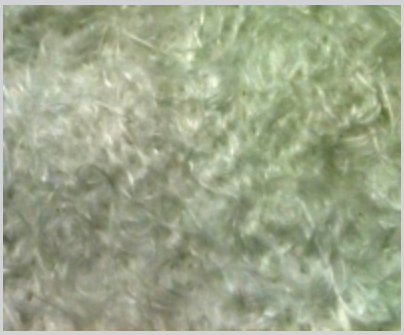
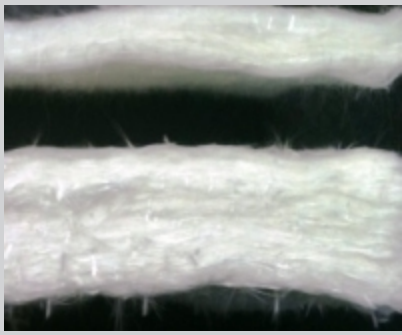
AMATEX CORPORATION





AMA-SILMAT

AMA-SILMAT is comprised of an assortment of long glass fibers randomly oriented into a uniform blanket. Applications include insulation matting for high temperature insulation blankets and sound suppression. Excellent for removable insulation pads, power generating equipment, industrial furnaces and piping. Resistant to most chemicals, offers good thermal protection to temperatures up to 2000 degrees F.

About AMATEX Corporation

Amatex manufactures industrial heat resistant textiles featuring Thermoglass™ fiberglass products, silica fabrics, and proprietary treated and coated products. These items include broad woven roll goods and narrow products in the form of woven and knitted tapes, sleeving, rope, and gasketing. With fiberglass and silica as the base textile, Amatex offers top and immersion coatings of Silicone, Teflon, Vermiculite, Neoprene, and Acrylic. Heat treating, dyeing, and coloration of the coatings are also available.

Amatex fabrics are commonly used in the following applications:

Welding Cloth
Foundry Cloth
Insulation Cloth
Heat Shield
Gasketing
Marine Insulation
Industrial Insulation
Pad Cloth
Fire Barriers
Fire Curtains
Industrial Belting
Filtration
Expansion Joints
Protective Clothing

Over 100 Years

Proud American Manufacturers of Industrial Textiles

AMA-SILMAT Data Sheet

Normal Thickness*	1/8"	1/4"	1/2"	1"
Base Product	Silica Mat	Silica Mat	Silica Mat	Silica Mat
Color/Appearance	White	White	White	White
Available Widths, standard	39.4 in.	36 in.	36 in.	36 in.
Roll Length, feet	164.1 ft.	150 ft.	75 ft.	33.0 ft.
Construction, Random Fiber Orientation				
Area, sqft/roll	538.3	450	225	90.0
Density (Weight), oz./sqft, average**	1.96 oz	2.95 oz	6.55 oz	14.7 oz
Weight, lbs/roll**	66.2	82.9	88.3	90.9
Sound Absorption, Sabins/sqft/Frequency (Hz) +/-.05 ave.				
250 Hz	--	0.04	0.07	0.29
500 Hz	--	0.17	0.3	0.86
1000 Hz	--	0.4	0.72	0.95
2000 Hz	--	0.68	0.94	0.92
4000 Hz	--	0.94	0.97	0.95
Density (oz/sq.ft. average)	1.96 oz	2.95 oz	6.55 oz	14.7 oz
Thermal Conductivity (Btu x in/hr/sqft x ft/deg. F)				
@300 deg. F		0.4		
@500 deg.F		0.5		
@700 deg. F		0.65		
Temperature Tolerance	Up to 2000 degrees F; Higher for brief periods	Up to 2000 degrees F; Higher for brief periods	Up to 2000 degrees F; Higher for brief periods	Up to 2000 degrees F; Higher for brief periods
Chemical Resistance	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride
Solvent Resistance	Excellent	Excellent	Excellent	Excellent
Sunlight & Age Resistance	Excellent	Excellent	Excellent	Excellent
Electrical Properties	High dielectric strength, low constants	High dielectric strength, low constants	High dielectric strength, low constants	High dielectric strength, low constants

** Thickness Range +/- 12%*
*** Weight Range +/- 12%*