



Innovative Insulation Specialties

## Multi-Application **Insulation Products**



chemical

construction

food processing

HVAC

power generation

pulp & paper

pharmaceutical

water treatment



### CERAMIC FIBER BLANKET

**This family of refractory ceramic fiber blankets and bulk products is designed to provide insulation for high temperature applications in the mechanical and specialty insulation markets.**

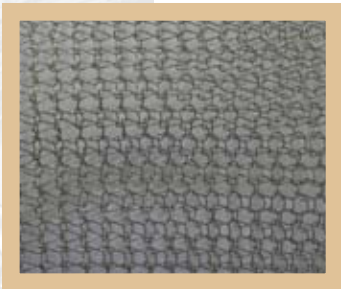
High purity, high tensile strength blankets are needed for extra handling strength and contain no binders to burn out. Blankets are easily cut with a sharp knife and are highly flexible for ease of wrapping small items. They are offered in thicknesses from 1/4" to 2", 24" or 48" widths, and 4, 6, and 8 PCF density. It is available in rolls and strips in three fibers to provide a maximum temperature range of 2300° F (1250° C), 2400° F (1315° C) and 2600° F (1450° C).



### GLT MAT

**GLT Mat is an effective low-cost replacement for asbestos mats, millboard refractory paper and other similar products. It is a mechanically bonded glass fiber insulating blanket of uniform density.**

GLT Mat is available in 1/4", 1/2" and 1" thicknesses, providing reliable, superior performance at temperatures up to 1,200° F. It offers excellent sound absorption properties and resistance to vibration without powdering. It is non-corrosive, non-combustible, non-alkaline and chemically stable. Excellent heat resistance, flexibility and low thermal conductivity. GLT Mat is being used to solve increasingly complex problems in oil refineries, steam and gas turbines, exhaust systems on diesel tugs, tankers, Coast Guard and Navy vessels, and pleasure yachts. It is used as removable and reusable insulation covers, and to relieve stress at welding points and on valve flange covers.



### KNITTED WIRE MESH

**Knitted Wire Mesh is supplied as a flat tubular cloth, rolled up to provide a continuous flat tube for marine, petrochemical and power utility applications.**

Supplied in wire sizes of .008" and .011", 6" to 42" wide (30" and 42" width in-stock), either flat or crimped (corrugated). Wire mesh can be supplied in all metals.

Most commonly used:

304 S/S – For most applications up to 1200° F

430 S/S – More economical in applications up to 1000° F

Inconel 600 – In applications up to 2300° F

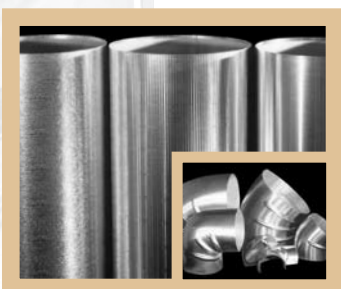


### SILICONE SEALANTS, FOAM SEALANTS AND CAULKING GUNS

**GLT Products carries the materials and caulking guns for a seamless application.**

**Silicone Sealants:** Complete inventory of Speedline® Silicone Caulking in a full range of colors.

**Foam Sealants:** Convenient, easy to use foam-in-place sealants. 12 oz. single component spray can, two-part 15 board foot (yield) pack, two-part 200 board foot (yield) pack, and 600 board foot (yield) pack.



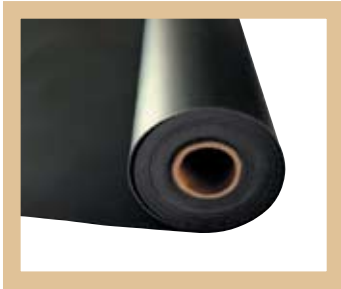
### ALUMINUM AND STAINLESS STEEL JACKETING AND FITTING COVERS

**Jacketing and Fitting Covers are available in aluminum and stainless steel. These are inventoried with a complete line of fasteners, banding, tools and other accessories for installation.**

Jacketing in thicknesses from .016" to .050", with moisture barrier, and in smooth, embossed and corrugated finish. Available cut and rolled to pipe insulation diameter, as roll stock, and in flat or corrugated sheets.

Elbow Covers are precision formed for a perfect fit and closure on pipe fitting sizes from 1/2" to 12", larger sizes are offered as a Gored Elbow Cover.

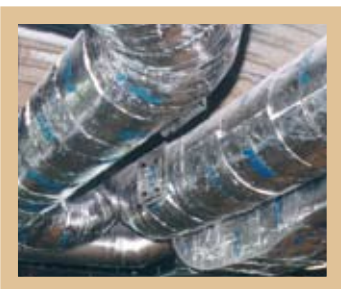
Call Us Toll Free 800.874.1748



#### VINAFLEX NOISE BARRIER SHEETS AND LAMINATES

**Vinaflex is a mass loaded vinyl sheet providing superior sound blockage for a myriad of job applications.**

Offered as a 1/2, 1 or 2 pound/sq. ft. sheet (standard and reinforced). Use alone or in combination with other materials; as a factory laminated composite, with aluminum or stainless steel jacketing, foil/scrim jacketing or sound absorbing foam board, and encapsulated in a fabricated quilted fiberglass pad. At one pound density, Vinaflex provides 27 dB noise reduction at 1,000 Hz; the noise reduction increases by approximately 6 dB for a doubling of mass/density, or for a doubling of frequency.



#### FIRESTOP BLANKET®

**Firestop Blanket® is made from high quality calcinated Kaolin. The product is composed of long, high strength fibers needled into a tight blanket with superior handling properties.**

FSB Ultra is available in 1-1/2", 2" thicknesses and in single or double layer configurations. Firestop Blanket® is designed to be directly applied over grease or air ducts and permit zero clearance to adjacent combustible materials. It will also protect duct from external fire threat for two hours. UL 1978, UL 1479, NFPA 96, BOCA, ICBO and other listings.

Plenum Shield allows for the use of the Firestop Blanket® components to encapsulate combustible cabling or tubing within a return air plenum to preclude a need for the costly removal and replacement of such materials.

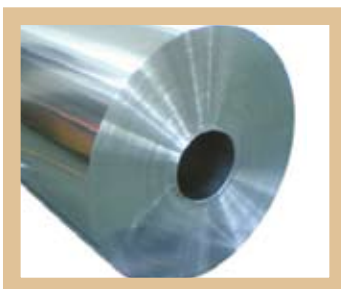


#### SPEEDLINE PVC JACKETING AND FITTING COVERS

**Speedline PVC Jacketing and Fitting Covers are a high-gloss white, 25/50 rated, impact resistant jacket and molded fitting cover for indoor and outdoor use.**

Standard thicknesses of .010", .015", .020" and .030" with greater thickness available. Thickness of .020" or .030" recommended for sealed applications, with .030" for areas of high abuse. The Speedline System includes White and Colored PVC Jacketing, White and Colored PVC Molded Heavy Duty Fitting Covers, as well as adhesives, fasteners, caulking and tapes.

The Speedline® Smoke Safe™ PVC Systems are designed to cover piping fittings and other mechanical equipment from an outside diameter of 1-5/8" to 24" in accordance with ASTM C-585.



#### ALUMINUM AND STAINLESS STEEL INSULATING FOILS

**Aluminum and stainless steel insulating foils are used for shielding, radiant barriers, liners, sealing, to reduce condensation or heat transfer, and as a vapor retarder. They are lightweight, non-toxic, moisture resistant, do not shrink, and require no maintenance.**

**Aluminum Foils 1000 Series:** Available in 1100, 1145, and 1235 alloys. Standard thicknesses of .002" and .003" – also available upon request in .0025", .004" and .005". Widths of 24", 36" and 48". Good heat dispersion qualities.

**Stainless Steel Foils 300 Series:** Available in 304 and 321 alloys. Thicknesses of 304 are .002" and .003". Thickness of 302 is .002". Widths of 24", 36" and 40". Good corrosion resistance.



#### SPECIALTY FABRICS AND ACCESSORIES

**Designed specifically for the insulation industry's demands for performance and quality.**

Typical Applications include: Expansion Joints, Air Ducts, Piping Insulation, Elastomer Reinforcements, Turbine Insulation, Electrical Insulation, Gas and/or Liquid Filtration, Acoustical Insulation, Insulation Pads, Safety Garments, Welding Curtains, Fire Curtains, Stress Relieving Blankets, Water and Steam Pipes, Boiler Tadpole Gaskets, Flange Gaskets and Expansion Joint Packing.

- Glass Fabric & Scrim
- Rewettable Fiberglass Cloth
- Specialty Threads
- Fiberglass Lagging Cloth
- Aluminized Fiberglass Cloth
- Wire Mesh
- Fiberglass Rope, Tape, Tubing & Gasketing
- Teflon® Coated Thread
- Ceramic Blanket
- Teflon® Coated Fiberglass Cloth
- Silicone Impregnated Fiberglass Cloth



### FABRICATED PIPE INSULATION

**GLT Products fabricates a wide variety of shapes, including fitting covers, pipe covering, vessel segments and boardstock from the following high-value insulations:**

**Polyisocyanurate (Iso, Urethane):** Iso has exceptional dimensional stability over a wide operating range, combined with excellent insulating properties for control of condensation, process temperature, and hanger supports.

**Extruded Polystyrene (XPS, Styro):** XPS has a higher moisture resistance than many insulations, combined with low dust for condensation and process temperature control.

**Cellular Glass (Cellglass, Foamglas®):** Cellglass has a high temperature limit and compressive strength, high solvent resistance and no wicking for direct burial, condensation control, and hot piping.



### HAND AND SHOP TOOLS

**GLT Products carries all the tools of the trade for the insulation industry.**

- Cordless Drills
- Saws
- Tape Measures & Rules
- Sheet Metal Hand & Shop Tools
- Scissors, Snips, Pliers & Knives
- Wrenches
- Personal Hand Tools
- Hammers & Mallets
- Trowels
- Pin Welders
- Gloves
- Safety Glasses
- Hard Hats
- Kneepads
- Dust Masks & Respirators
- Work Belts, Tool Pouches & Suspenders
- Tool Carryalls
- Fiberglass Duct Tools



### STAPLES, STAPLE GUNS, HOG RINGS AND TOOLS

- Outward Clinch Tackers
- Plier Staplers
- Hammer Tackers
- Staples
- Pop Rivets & Tools
- Hog Ring Pliers
- Pneumatic Hog Ring Tools
- Hog Rings



### MISCELLANEOUS ACCESSORIES AND SUPPLIES

- Applicator Guns
- Banding Tools
- Brooms
- Brushes
- Canvas
- Chicken Wire
- Corner Bead
- Cotton & Black Dot Gloves
- "D" Rings
- Disposable Gloves
- Dust Pans
- Ear Plugs
- Elastic (bunge) Cord
- Fall Protection Gear
- First Aid Kits
- Garden Sprayers
- Hairpin Staples
- Heat Transfer Cement
- Leather Gloves
- Mop Heads & Handles
- Nylon Belting
- "O" Rings
- One Component Spray Foam
- Pipe Insulation Saddles
- Polyethylene Sheeting
- PVC Banding and Clips
- PVC Rod Covering
- Rubber & Vinyl Gloves
- Rubber Boots
- Safety Glasses
- Screws
- Self Sealing Lap Tape
- Spray Adhesive
- Stainless Steel Rope
- Stretch Wrap
- Suitcase Latches
- Tape Dispensers
- Utility Knives
- Velcro
- Wire Brushes
- Wood Skewers

# Innovative Insulation Specialties



## INSULATION AND GENERAL PURPOSE TAPES

**A full line of tapes to meet the needs of the thermal insulation, HVAC and abatement markets.** We offer GLT Products' brand of Royal Tapes, as well as a variety of other tapes. Standard tape items include a wide range of sizes.

- ASJ
- Cloth Tapes
- Duct Tapes
- Double Faced Tapes
- Black Electrical Tape
- 2 mil Foil Tapes
- FSK Tapes
- Masking Tapes
- Polyester Tapes
- Polypropylene Tapes
- PVC Tapes
- SMACNA Tapes
- Strapping Tapes
- Tedlar Tapes



## BANDING, BANDING TOOLS, EXPANSION SPRINGS AND SPECIALTY SCREWS

**GLT Products can provide a full line of products with related accessories and tools.**

- Stainless Steel & Aluminum Banding & Banding Tools
- Stainless Steel Expansion Springs
- Stainless Steel, Solid Copper, Copper Clad, Copper Wash & Galvanized Tie Wire
- Stainless Steel & Zinc Plated Screws
- Steel & Aluminum Screws



## MECHANICAL FASTENERS AND WELDERS

**A full inventory of mechanical fasteners and welders is in-stock and ready to ship.**

- Welders
- Weld Pins
- Self Locking Washers
- Cuphead Pins
- Spindle Anchors
- Self Stick Anchors
- Lacing Anchors
- Quilting Fasteners
- Contact Adhesives



## MASTICS AND ADHESIVES

**A full line of quality and value-oriented products are offered for the thermal insulation and HVAC markets. These products are developed to meet current and future installer's needs.**

Typical Applications:

- Duct Sealant
- Sizing & Lagging
- Anti-Abrasion Coating
- Vapor Barrier Coating
- Weather Barrier
- Joint Sealant
- Flashing Compound
- Pressure Sensitive Adhesive
- Cryogenic Adhesive
- Facing Adhesive
- Chimney, Stacks & Breaching Coatings



## PIPE AND TANK INSULATION

**Pipe and tank insulation is available with a base insulation of fiberglass or mineral wool. Both materials provide a flexible pipe wrap with superior installed rigid compressive strength. Excellent for insulating large diameter pipes and tanks.**

- 1" - 4" Thickness
- 36" Standard Width
- ASJ, FSK or Glass Mat Facing

# Covering Demanding Insulation Applications

**GLT Products manufactures, fabricates and distributes Specialty Insulation Systems for commercial and industrial applications around the world.**

Regardless of your insulation application, GLT Products can provide the products, support and expertise to ensure that the job is done right. Through our extensive distribution network, we can secure virtually any product even if it is not a regularly carried item.

## **One-Stop-Shop**

GLT Products provides all the insulation products required for your projects – from thermal, mechanical and acoustical insulation systems to accessories and supplies – we're a one-stop-shop.

## **Same Day Shipping**

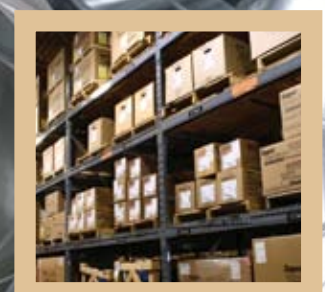
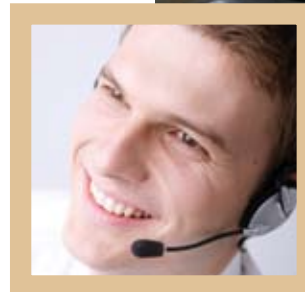
GLT Products delivers outstanding customer service and offers same day shipping for in-stock items, technical support and customized solutions.

## **Competitive Pricing**

By handling such a large inventory of materials, we are competitively priced – call for a price quote today.

## **Global Distribution**

GLT Products maintains a vast distribution network to ensure that your products arrive on time and always at the lowest price possible.



**Let GLT Products give your business a competitive advantage today!**

For more information on GLT Products, please call toll-free at 800.874.1748 or online at [www.gltproducts.com](http://www.gltproducts.com).



*Innovative Insulation Specialties*

**HEADQUARTERS**  
6810 Cochran Road  
Solon OH 44139  
440.914.1122  
440.914.1133 Fax  
**800.874.1748**

**GREENSBORO**  
501 W. Camel Street  
Greensboro NC 27401  
800.551.9760  
[www.gltproducts.com](http://www.gltproducts.com)

**STOCKTON**  
4283 Pock Lane  
Stockton CA 95206  
800.833.4500  
[info@gltcos.com](mailto:info@gltcos.com)