



## TechLite® Insulation

ENVIRONMENTALLY SAFE and USER-FRIENDLY INSULATION SYSTEMS

### A BRIEF OVERVIEW

TechLite® has been supplying factory jacketed insulation systems for maintaining critical process temperatures, freeze protection and noise control for over 30 years. Our business is producing and supplying efficient systems for pipe, tank, vessel and duct insulation for a wide variety of commercial, industrial, military and high-tech applications.

We feature TechLite® melamine foam: a high temperature, light weight, open-cell foam which is cost effective to install, user friendly, and environmentally safe.

No CFC's are used in manufacturing. You won't find carcinogens, fibers or toxins in TechLite foam. No special personal safety gear needed to install. No disposal problems either!

TechLite® insulation systems are servicing major users like Merck, Amgen, NYCTA, Kraft Foods, and the U.S. Navy. Our distributors and sales engineers are qualified to help with any insulation need, whether it be for a routine application or a special project. Our products are used in all types of environments.

- **TechLite® is a patented insulation system: US PATENT # 6403182.**
- **TechLite® is non-fibrous, non-carcinogenic and non-corrosive. Nothing to endanger your installers, employees or pipes.**
- **TechLite® offers low-flame, low-smoke, low-outgassing, and is CFC free. No flame retardant additives are required to achieve the excellent smoke and flame ratings.**
- **TechLite® requires no special safety precautions, such as masks, filters, clothing or gloves.**
- **TechLite® is extremely lightweight in comparison to other products (0.56 lb/ft<sup>3</sup>)**
- **TechLite® does not contribute to corrosion of any pipe material.**
- **TechLite® has excellent thermal conductivity. (K-factor @ 75°F = 0.25 BTU•in/h•ft<sup>2</sup>•°F)**
- **TechLite® provides superior acoustical properties. (Noise reduction at 1000 Hz is 22.4 dB)**
- **TechLite® is resilient and not subject to breakage or excessive expansion.**

TechLite® can be installed in half the time required by other 2-step insulation systems. SSL (self-sealing lap) is standard on all factory jacketed TechLite® systems. Installation is a very simple procedure and can be accomplished at any ambient temperature between 35°F and 110°F. One end of the insulation is supplied with a 2" overlap so adjoining sections overlap and seal to the next (ASJ uses included self-adhesive butt strips). Simply place the insulation around the pipe and secure with SSL flap. Fastener Weld solvent bonding adhesive is used to achieve a tight permanent vapor barrier seal. No bands or staples are required. Detailed instructions are furnished with shipment.

For fittings such as elbows, tee's and flanges, TechLite® insulation inserts are available in preformed or wrapped diaper design. The preformed inserts are precision ground to provide a fit that is within the pipe tolerances. These inserts and diapers are also fabricated from TechLite® foam. White or color coded PVC fitting covers are provided with the insulation inserts. The PVC fitting covers are UV inhibited and resistant to harsh weather conditions and most chemicals.

[www.techlite.net](http://www.techlite.net)

### Innovative Insulation Systems

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