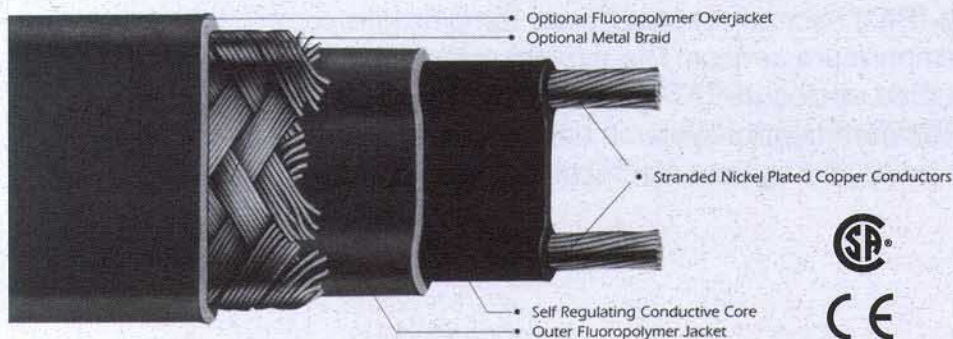
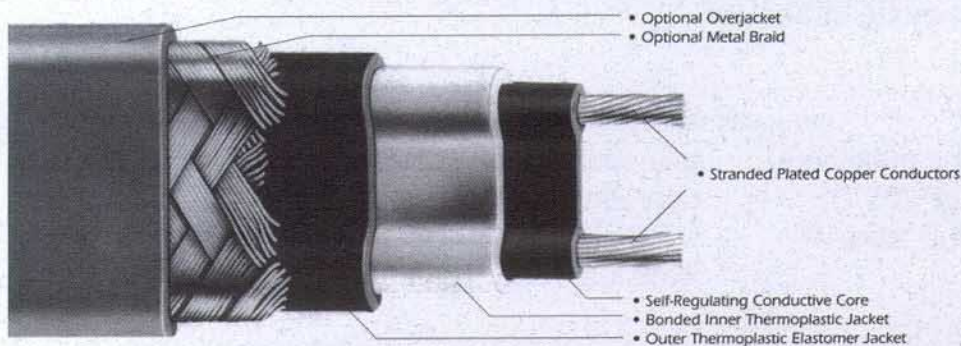




## AccuTrace™ Heat Tracing Systems



### AccuTrace™ Heat Trace Systems

provide an excellent and proven solution to gas condensation problems. AccuTrace™ Systems may be used separately or interfaced with the AG Systems or other hosts to provide the total solution to your gas condensation problems, exhaust line bake-out, etc. The AccuTrace system eliminates process variables and gives greater process control.

### How AccuTrace Heating Systems

**Work:** The AccuTrace System consists of the required heat output cable connected to a control system. A temperature sensor attached to the gas line measures the temperature and feeds back to the controller. The controller switches power to the heating cable to maintain the desired set point temperature. The heater cable is attached to the gas lines using fiber-glass tape tie down points and the heater cable is secured with aluminum tape. TechLite™ Insulation is then put on the lines to minimize the heat loss to the ambient environment.



# AccuTrace™ System Components:

## Accutrace Self-regulated Heat Trace Cable

Accutrace Self-Regulating Heat Trace Cable comes in a variety of heat outputs. The AT-BTXG and AT-UTXG Series heat trace cable has a tinned copper braid cover with a thermoplastic elastomer outer jacket thereby conforming to the NEC code 427-22 and 427-23 for grounded metal covering of heaters.

### AT-BTXG

Is a self-regulating cable with a maximum operating temperature of 150°F (65°C). BTXG Cable is available in 3, 5, and 10 watts per foot.

### AT-UTXG

Is a self-regulating cable with a maximum operating temperature of 200°C (392°F). UTXG Cable is available in 5, 10, and 15 watts per foot.

Controller Assemblies house a complete single or dual channel control system including a proportional-integral-derivative (PID) microprocessor based temperature controller, solid state relay, safety relay and temperature sensor. The system may be housed in either a heavy duty NEMA4X wall mounted enclosure (AT-NEAX-X) or a free standing modular enclosure (AT-MODEAX-X). Standard control systems have a power handling capacity of 1600 W per channel, are fuse protected against electrical overload and are fully programmable.

UL File E177908

## Techlite™ Insulation

Techlite™ Insulation provides insulation for process applications to minimize heat loss to the ambient environment. Techlite has excellent thermal properties and is maintenance free, easy to install and protects against moisture, mold, fungus and corrosion. Techlite is available in a variety of sizes and colors with self-sealing laps or lock track fastener.

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