

Heating Cable

Heat Tracing Products

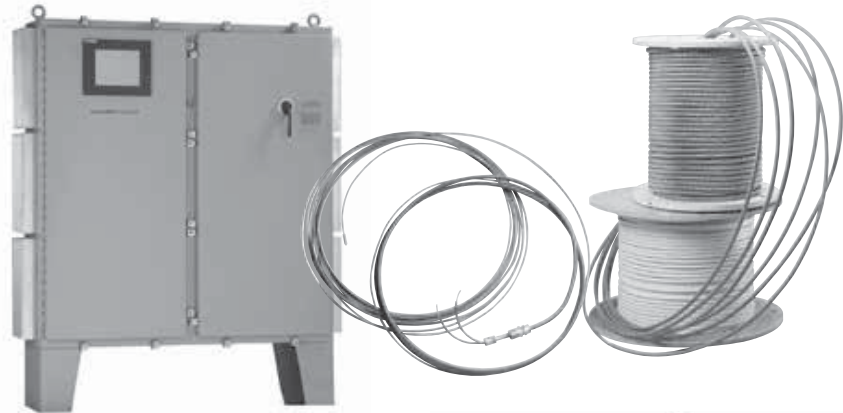
Overview

Industrial Cable Applications

- Pipe Freeze Protection
- Pipe Process Maintenance
- Hot Water Maintenance

Commercial Cable Applications

- Self Regulating Freeze Protection
- Self Regulating Roof & Gutter De-icing
- Self Regulating Hot Water Maintenance



Heat tracing is used to counteract the heat lost from process equipment and piping through its insulation. A heat tracing system is a group of process equipment and piping which is heat traced and controlled in a logical and economical manner.

There are many reasons for making up the heat loss of a system. With any heat loss, there is a corresponding drop in temperature.

In many cases, a drop in temperature brings about unacceptable consequences. These consequences could be freezing of water in cooling water lines, steam or condensate return lines, compressed air lines, fire protection lines, storage tanks, valves, etc. A drop in temperature of process fluids could result in solution precipitation, unacceptable viscosity increase or solidification of the product in the lines.

HEAT TRACING
PRODUCTS

Heating Cable

Heat Tracing Products Applications

Electric Heat Tracing Products

Chromalox heating cable line includes cables suitable for most process maintenance, pipe and vessel freeze protection and roof and gutter de-icing applications.

Industrial Heating Cables are ideal for process maintenance applications. Maintenance temperatures up to 1100°F can be achieved in a variety of hazardous and corrosive environments. Industrial Cables include:

SRL — Self-Regulating, Low Temperature

SRP — Self-Regulating Process Maintenance

SRM/E — Self-Regulating, Medium Temperature Enhanced

SLL — Constant Wattage, Medium Temperature

CWM — Constant Wattage, Medium Temperature

MI — Mineral Insulation, High Temperature

Tube Bundles — Pre-Installed/Traced Tube Bundles

Commercial Application Cables are designed to meet specific needs of winterizing applications such as water line freeze protection and preventing ice damage to building structures. Commercial Cables include:

SRF — Self-Regulating Freeze Protection

SRF-RG — Self-Regulating Roof and Gutter Freeze Protection

HWM — Hot Water Maintenance Applications

Industrial Process Maintenance Applications

When industrial process piping and vessels must be maintained above the ambient air temperature, Chromalox has the heating cable to fit the application. Cables range in the maximum maintenance temperature from 150°F for SRL to 1100°F for MI cables.

- Petroleum Refineries — Maintain petroleum and by-products at process temperature
- Waste Water Treatment Facilities — Prevent the precipitation of NaOH from solutions
- Food Processing Plants — Maintain viscosity of products in processes such as chocolate, oils and tallow
- Instrument Lines
- Storage Tanks
- Div. 1 and Div. 2 Hazardous Location Applications (Contact your Local Chromalox Sales office for Div. 1 applications)
- Freeze Protection of Steam Cleaned Lines
- Power Generating Plants — Trace steam condensate lines and other chemical additive lines
- Asphalt Lines

Commercial Applications

In a large number of regions in the world, buildings are susceptible to damage caused by water freezing. Primarily, this damage involves either the bursting of pipes or structural damage due to the weight of ice and snow building up on the roof. Chromalox Commercial Application Cables are intended to prevent this damage.

- Cooling Tower Pipes
- Parking Garage Drain Lines
- Chiller Water Lines
- Exposed Pipe Traps
- Exposed Storm Water Pipes
- Sump Discharge Pipes and Equipment
- Wet Sprinkler Fire Systems, where approved by Local Codes
- Outdoor Sports Facilities and Stadiums
- Roof and Gutter De-icing
- Hot Water Maintenance

