

CONTROL SYSTEMS

intellitrace



- 1 to 4, 6 to 72 loops
- Fully wired, GFI, current, temperature, and sensor alarm/monitoring
- Owner sensor mapping, soft start, user-friendly touchscreen HMI

Now suitable for Class 1, Division 2 areas!

weatherTRACE



- Up to 40 loops
- Pre-wired and assembled monitoring and distribution (saves time on installation)
- Includes the Sentinel monitoring system

Combination Single Point Temperature Controls & Power Connection Boxes

UAS Ambient-Sensing



- 0°-225°F / 0°-107°C temperature rating
- 120-480 VAC, 22A switching capability
- Freeze protection applications

UBC Line-Sensing



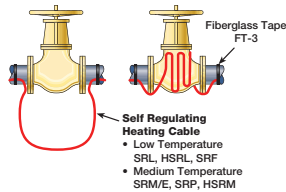
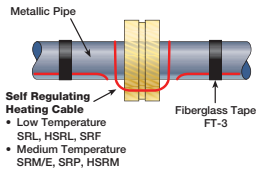
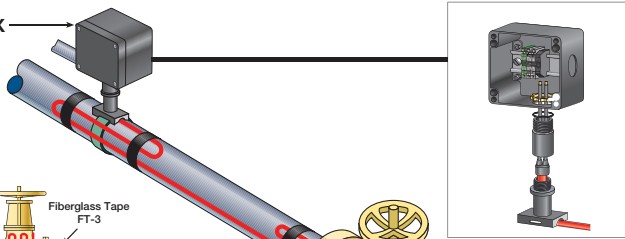
- 0°-400°F / 0°-205°C set points
- 120-480 VAC, 22A switching capability
- Freeze protection applications

DTS-HAZ Digital ThermoStat / Power Connection Line- or Ambient-Sensing

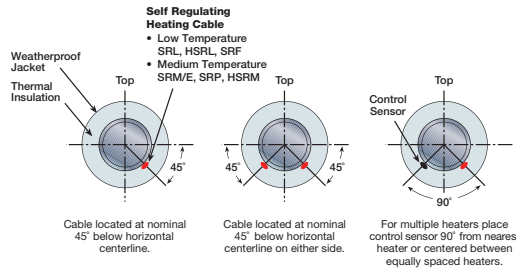


- Ordinary or hazardous areas (Class 1, Division 2)
- -45°-485°F/-43°-252°C programmable
- 100-277 VAC, 30A SSR, soft start, large LED display
- Freeze protection & process temperature maintenance applications

Power Connection Box (UPC)



Heating Cable/Sensor Location



Installation Tips

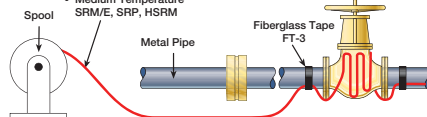
- Temporarily position cable on pipe and equipment to ensure proper distribution.
- Leave a loop of cable at heat sinks such as valves, pipe supports and flange sets. Use FT-3 fiberglass tape to secure cable to pipe at 18 in. / 455 mm (nom) intervals using recommended method.
- Always observe minimum bend radius.

Step 1

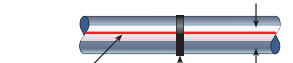
Start tracing at the end of the pipe and work your way back to spool.

Self Regulating Heating Cable

- Low Temperature SRL, HSRL, SRF
- Medium Temperature SRM/E, SRP, HSRM



Plastic Pipe Installation

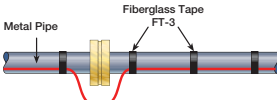


- Self Regulating Heating Cable
- Use Low Temperature SRL, HSRL, SRF Cable

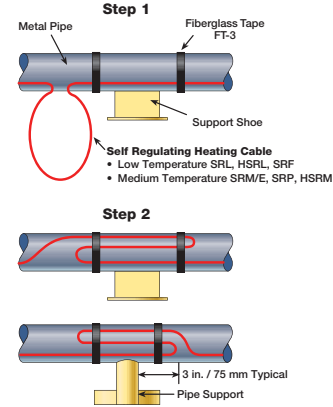
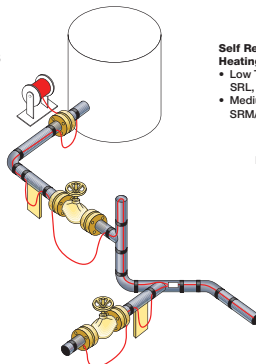
Note: Aluminum tape must be used under or over heating cable to spread heat transfer.

Step 2

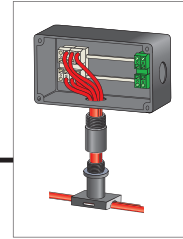
Leave a loop of cable at heat sinks such as valves, pipe supports and flange sets. Use FT-3 fiberglass tape to secure cable to pipe at 18 in. / 455 mm intervals.



Step 3



Multiple Entry Connection (UMC)

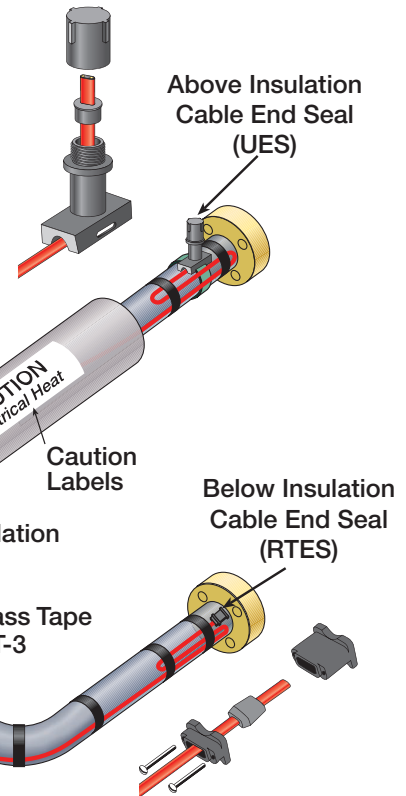


Chromalox[®]

PRECISION HEAT AND CONTROL

Electric Heat Trace Quick Install Guide

Quick Install Guide is a specification tool only. Always refer to proper installation instructions when installing heat trace cable.



Ask about Chromalox Class 1 Div.1 Cables & Accessories as well as a full line of High-Temperature Cables.



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