# DTS High Temperature

## For use in Electrical Termination of Mineral Insulated Cables



**CHROMALOX**

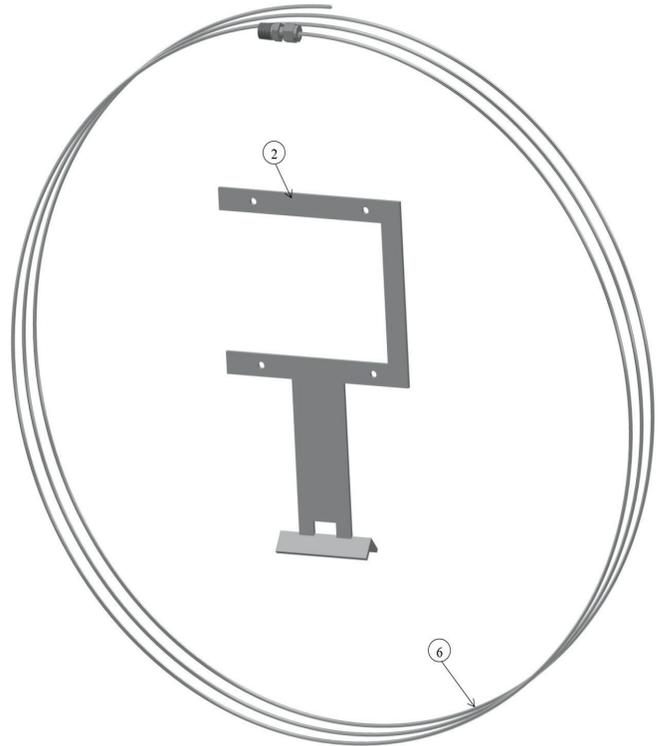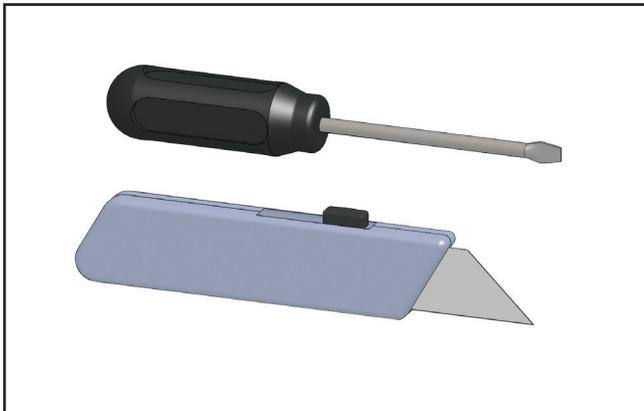*Advanced Thermal Technologies*
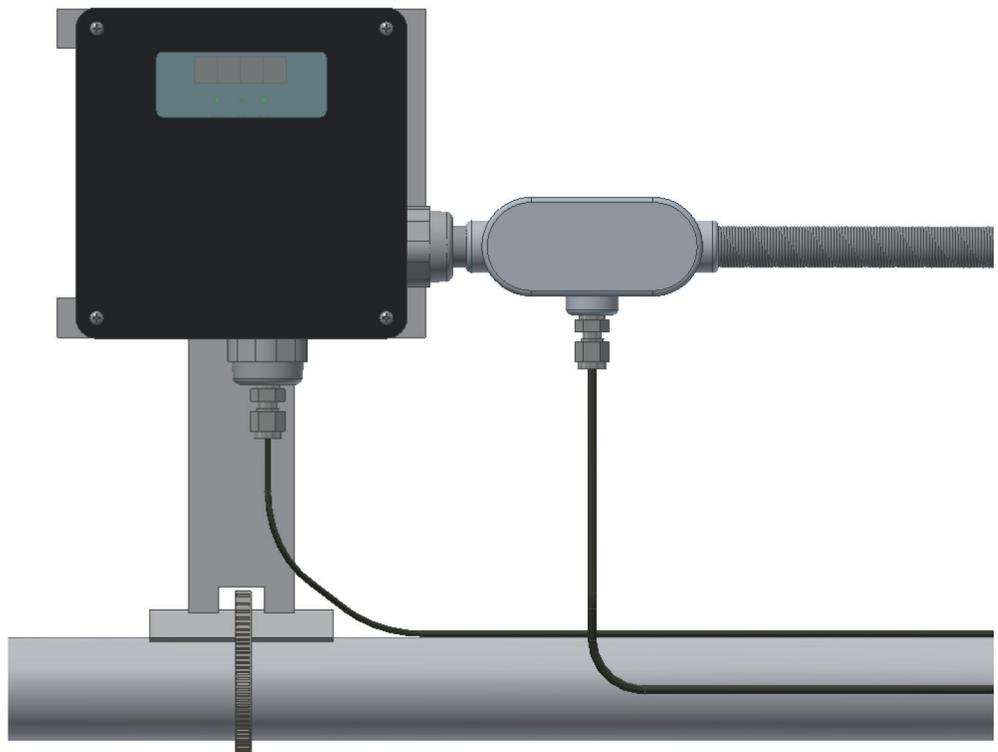
# DTS High Temperature Adaptor Kit

## Kit Contents

| Item | Qty | Description |
|------|-----|-------------|
| 2 | 1 | Bracket |
| 6 | 1 | MI RTD |

## Tools Required for Kit Installation

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### General

The Chromalox DTS High Temp Adaptor Kit is used in conjunction with the DTS-HAZ to provide termination and control for MI series heating cables.

> **⚠ WARNING**

*HAZARD OF ELECTRIC SHOCK. Disconnect all power before opening. All installations must be effectively grounded in accordance with the National Electrical Code to eliminate shock hazard. To avoid electrostatic discharge wipe with a damp cloth.*

> **⚠ WARNING**

*Turn off power before removing junction box cover at all times.*

> **⚠ WARNING**

*Users should install adequate controls and safety devices with their electric heating equipment. Where the consequences of failure may be severe, back-up controls are essential. Although the safety of the installation is responsibility of the user, Chromalox will be glad to assist in making equipment recommendations.*

# DTS High Temperature Adaptor Kit

For use with MI Mineral Insulated Heating Cables

## Order Separately

**Caution Label CL-1**
**(382424)**

⚠ **WARNING** ⚠
**ELECTRIC HEAT TRACE**

ELECTRIC SHOCK OR FIRE HAZARD

Disconnect all power before installing or servicing heating cable. Heating cable must be installed or serviced by a qualified person in accordance with the National Electric Code, NFPA 70 and IEC 62086-2:2001. Heating cable must be effectively grounded in accordance with the National Electric Code to eliminate shock hazard. Immediately replace damaged or worn heating cable accessories. Failure to follow these instructions could result in personal injury or property damage.

**CHROMALOX**
Advanced Thermal Technologies

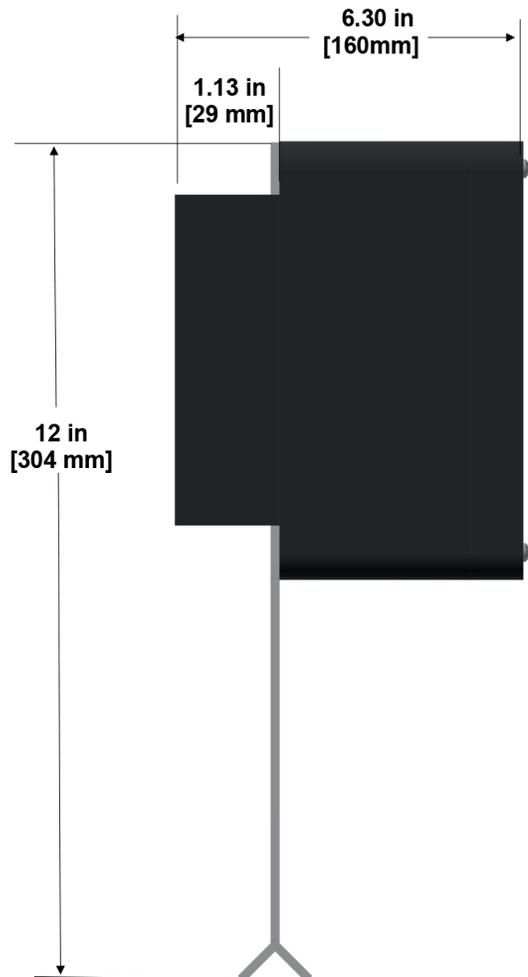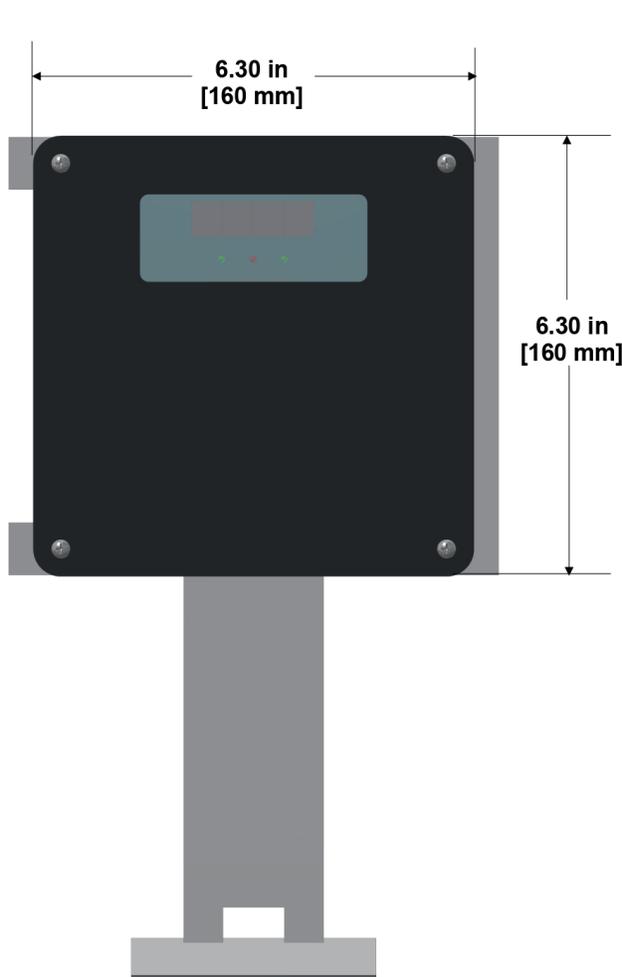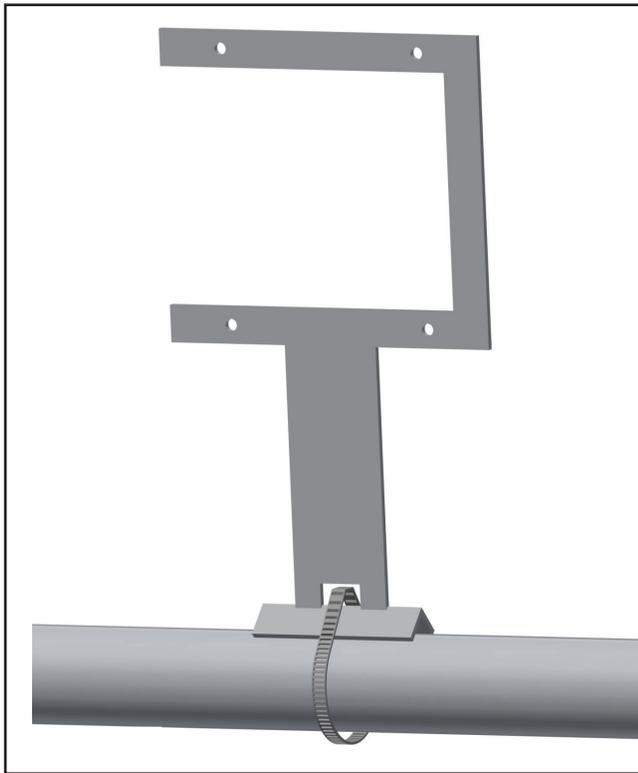For Sales and Service:
800-443-2640 or 412-967-3800
www.chromalox.com

**Pipe Straps**
PS - 1 (382352) - 1/2" to 3/4" pipes
PS - 3 (382360) - 1" to 3-1/2" pipes
PS - 10 (382379) - 2-1/2" to 9" pipes
PS - 20 (382265) - 9" to 19-1/2" pipes

## Actual Kit Dimensions

6.30 in
[160 mm]

6.30 in
[160 mm]

6.30 in
[160mm]

1.13 in
[29 mm]

12 in
[304 mm]

1. Strap bracket to pipe with pipe strap (Chromalox type PS not included).

2. Assemble junction box to fitting as shown (fitting must be properly rated for the area classification). Tighten locknut until the junction box bottoms out against the lip of the fitting. Attach RTD MI cable to fitting for watertight connection.
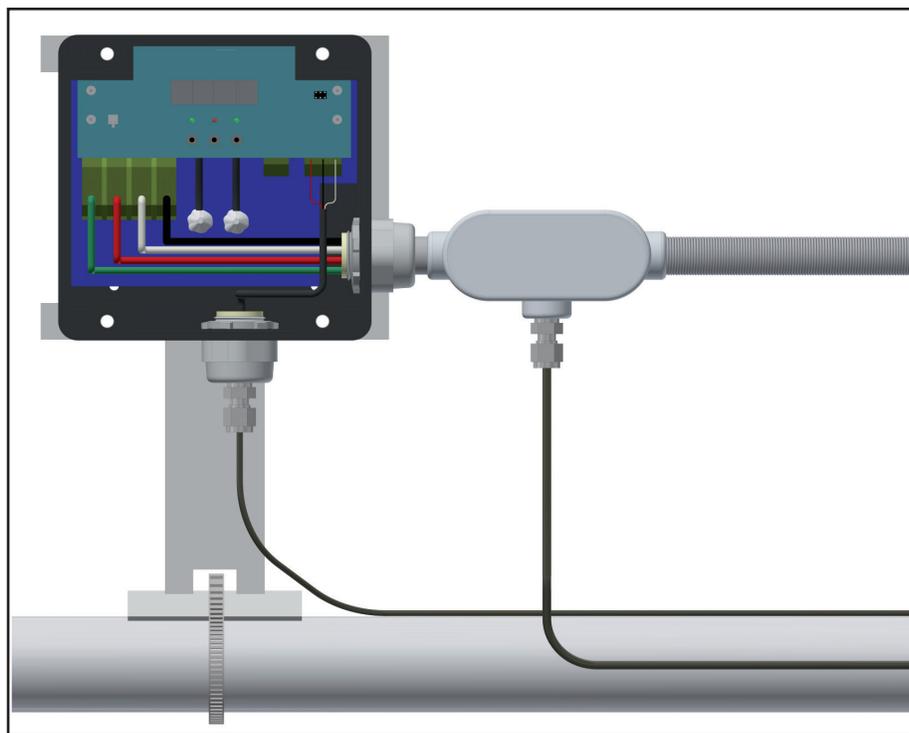


3. Use a CCH-2 (or equivalent) to connect tee condulet. Attach MI cable and conduit with drain.
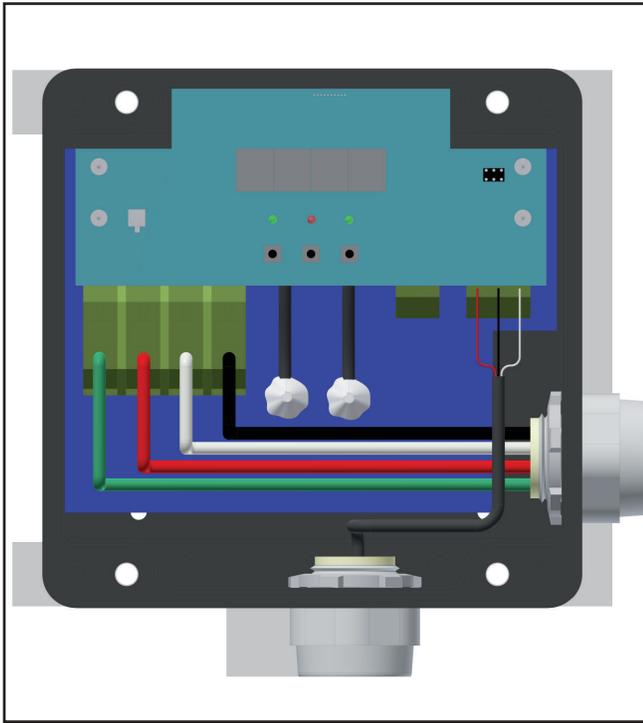
**4.** Make electrical connections to MI cable and RTD as shown. For more details on wiring connections see the DTS-HAZ installation manual (PJ944).
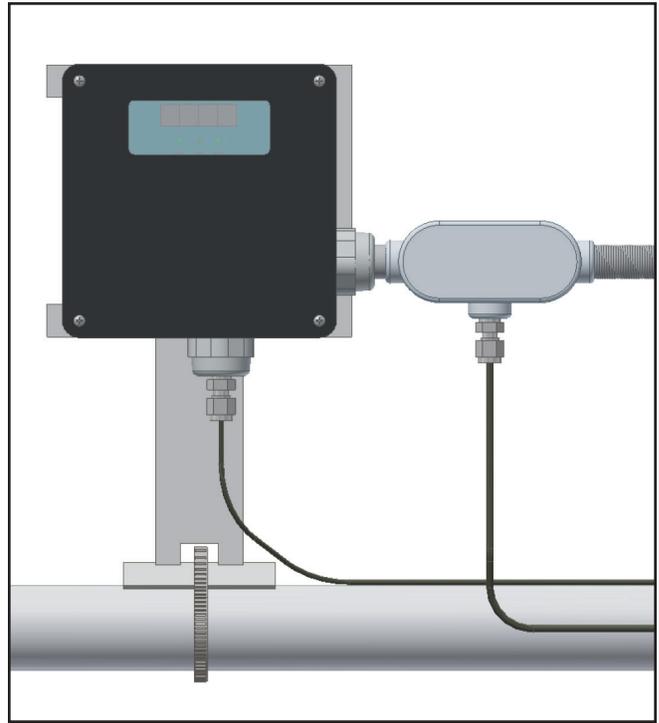
**5.** Once connections are made, place cover on box and secure the lid to the box by tightly fastening screws.

**Limited Warranty:**
Please refer to the Chromalox limited warranty applicable to this product at
http://www.chromalox.com/customer-service/policies/termsofsale.aspx.

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