

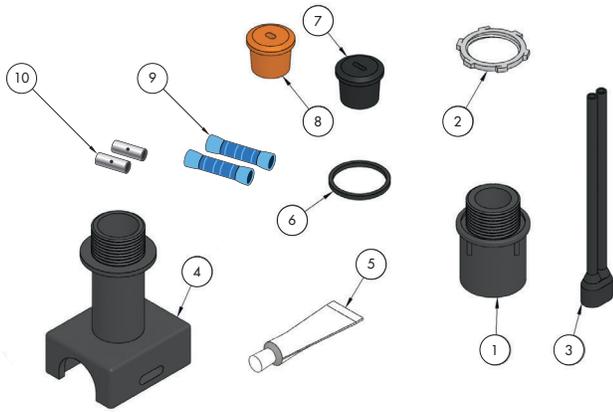
## Installation Instructions

# SSK Single Entry Sealing Kit & Optional Junction Box

for Self-Regulating & Constant Wattage Heating Cables



PJ498-4  
161-562581-033  
March, 2026



Item	Qty	Description
1	1	Compression Fitting
2	1	Locknut
3	1	Silicone Termination Boot
4	1	Pipe Standoff
5	1	RTV
6	1	O-Ring
7	1	Self-Regulating Cable Grommet
8	1	Constant Wattage Cable Grommet
9	4	Insulated Butt Splices
10	2	Un-insulated Butt Splices

## Junction Box (Optional)

The SSK and PJB kit is used for electrical termination of self-regulating and constant wattage cables.



### Optional: NEMA 4X Rated Junction Box

Quantity	Description
1	Junction Box*

\* Approved for CSA Class I, Div. 2 Groups A, B, C & D and Class II, Div. 2, Groups F, G when junction box is used that is rated NEMA 4X, and certified by appropriate third party agency for use for that application and hazardous locations rating (Div. 2).

### Installation

The minimum Installation temperature for this kit is 0°F (-18°C).

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## Tools Required for Kit Installation

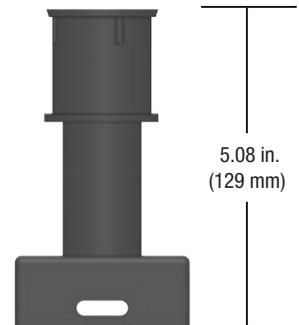
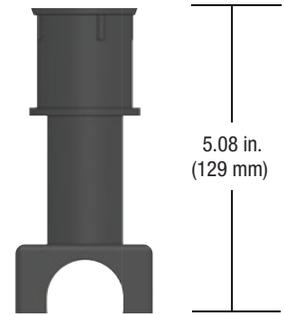
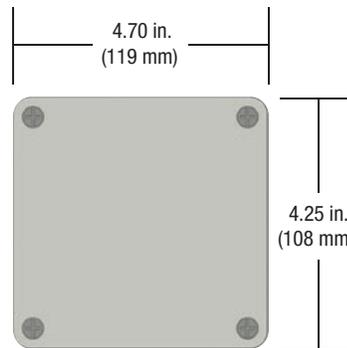
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## Actual Kit Dimensions

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### General

The SSK and PJB kit is used for electrical termination of self-regulating and constant wattage 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 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.*

## Order Separately

### Pipe Straps

Pipe Strap: 1/2" to 3/4"  
Pipe Strap: 1" to 3-1/2"  
Pipe Strap: 2-1/2" to 9"  
Pipe Strap: 9" to 19-1/2"



### Caution Label



### Fiberglass Tape

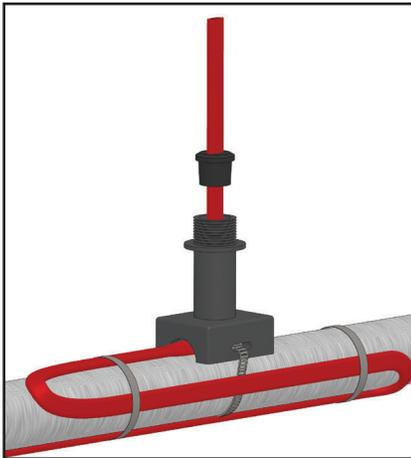


### Small Pipe Adapter

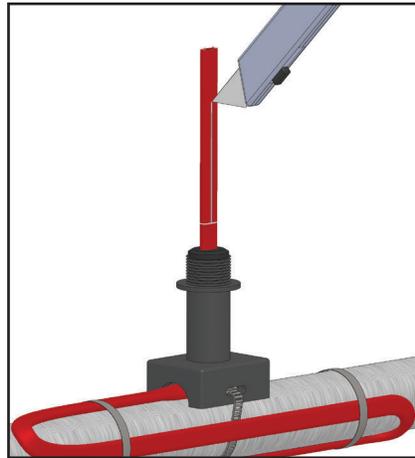


# SSK & Optional Junction Box for Self-Regulating & Constant Wattage Heating Cables

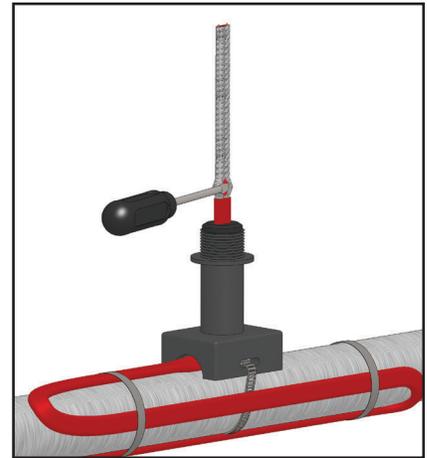
Overjacket cable instructions for SRL (-CT & -CR), SRM/E-CT, CPR (-CT & -CR), CPM -CT, SRP-CT and HWM-CT. Instructions for CWM-CT and CZH-CT denoted by \*



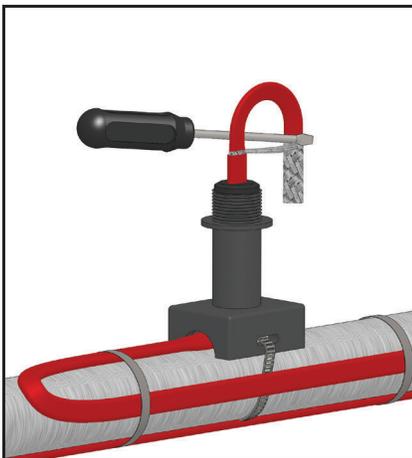
1. Insert heating cable through pipe standoff and grommet as shown. 8 inches of cable should extend past the grommet. Strap pipe standoff to pipe with pipe strap (not included) and attach extra cable to pipe as appropriate. For pipes smaller than 1-1/2" diameter a small pipe adapter (not included) is required.



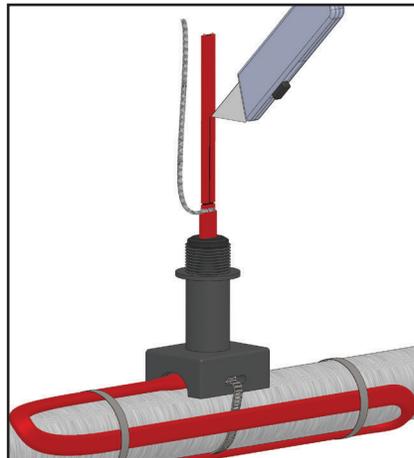
2. Score the outer insulation 7 inches from the end of the cable. Lightly cut the outer jacket up the center to the end of heating cable and remove the outer jacket from the cable. **WARNING: DO NOT CUT METAL BRAID.**



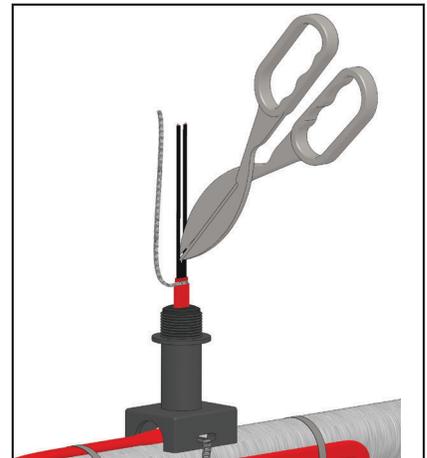
3. Move braid back toward the overjacket, creating a bulge. At the bulge, separate the braid to make an opening.



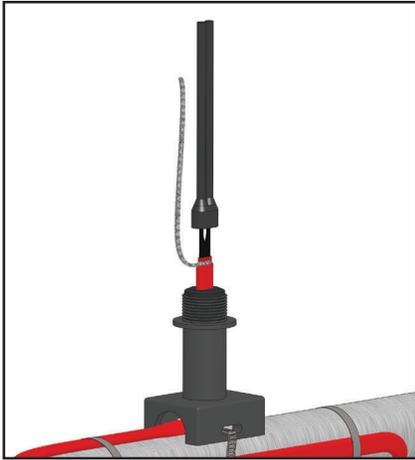
4. While bending the heating cable, work the cable through the braid opening. Pull the braid tight.



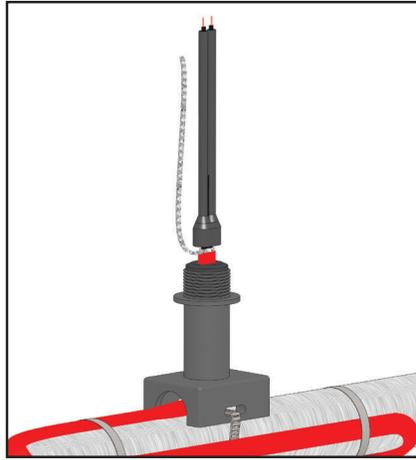
5. Score the inner insulation 6 inches from the end. Lightly cut the inner jacket up the center to end of heating cable and remove the inner jacket from the cable.



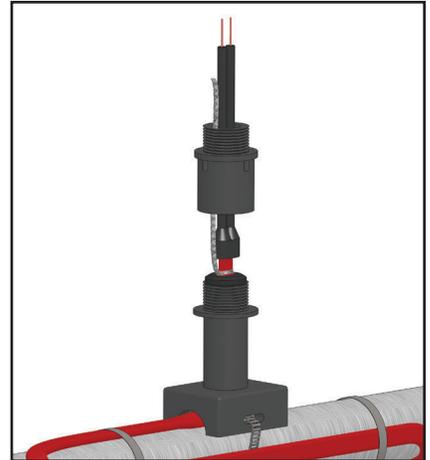
6. Use tin snips or similar tool to cut excess material from between the buss wires.  
\*Separate CWM or CZH leads



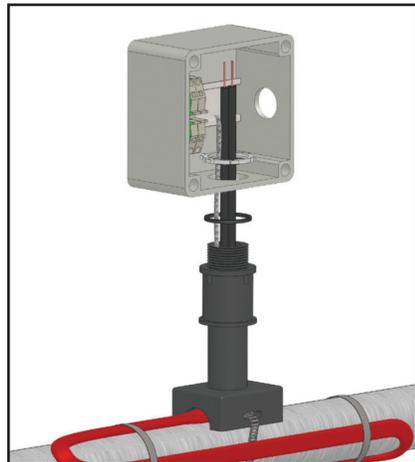
7. Liberally apply RTV over the exposed matrix and leads. Push the rubber boot over the heating cable.



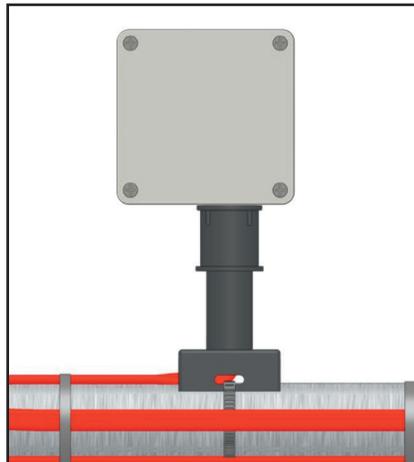
8. Strip each bus wire so that no black matrix material shows above the end of the rubber boot. Trim lead ends as needed.



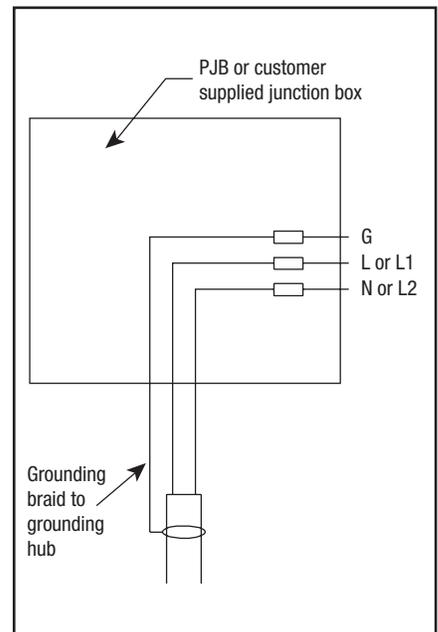
9. Slide compression fitting over cable. Grommet should be placed inside pipe stand-off. Termination boot should be spaced 1/2" from sealing grommet.



10. Assemble junction box to compression fitting as shown. Tighten locknut until the junction box bottoms out against the lip of the compression fitting.



11. Once Locknut is secure and wires are secured in terminal, place cover on box and secure the lid to the box by tightly fastening screws.



12. Attach conduit hub (not included) as needed. Using crimp connectors supply power electrical connections should be as shown.

**Limited Warranty:**

Please refer to the Chromalox limited warranty applicable to this product at <http://www.chromalox.com/customer-service/policies/termsforsale.aspx>.

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