

Installation Instructions

RT-RES End Seal Kit

For Self-Regulating Heating Cables



PJ441-8
161-511930-001
April, 2021

RT-RES End Seal Kit

Self-Regulating Heating Cable Installation Instructions



Item	Qty	Description
1	5	Heat Shrink Cap

General

The RT-RES kit is used for terminating self-regulating cables in ordinary locations. Consult factory for installation in hazardous locations. Check the kit label to ensure you have the proper kit for the cable you are installing. This kit contains enough parts to make five (5) end seals.

Installation

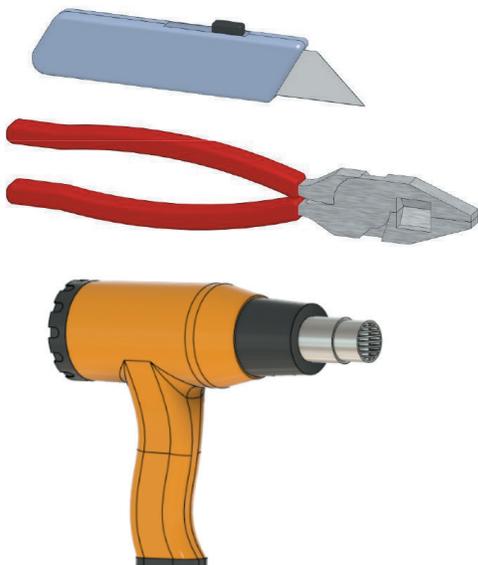
The minimum installation temperature for this kit is 0°F (-18°C).

Certifications & Approvals

Ordinary Locations



Tools Required for Kit Installation



Order Separately

Pipe Straps

- Pipe Strap: 1/2" to 3/4" pipes
- Pipe Strap: 1" to 3-1/2" pipes
- Pipe Strap: 2-1/2" to 9" pipes
- Pipe Strap: 9" to 19.5" pipes



Caution Label & Fiberglass Tape



⚠ WARNING

HAZARD OF ELECTRIC SHOCK. Disconnect all power before installing or servicing heating cable. Failure to do so could result in personal injury or property damage. Heater must be installed by a qualified person in accordance with the National Electric Code, NFPA 70.

⚠ WARNING

ELECTRIC SHOCK HAZARD. All installations must be effectively grounded in accordance with the National Electrical Code to eliminate shock hazard.

⚠ WARNING

FIRE/EXPLOSION HAZARD. During installation, do not utilize a propane torch or heat gun in a hazardous area.

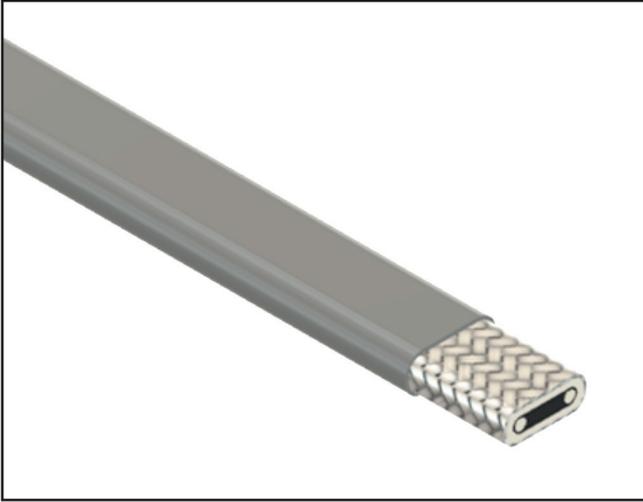
⚠ WARNING

ELECTRICAL HAZARD. Never connect the two parallel conductors of the heating cable together. This will result in an electrical short circuit.

⚠ 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

Cable installation instructions: CPR, SRL



1. Score the outer jacket 1/2" from the end of the cable. Remove the jacket to expose the braid.



2. Unravel and trim the braid back 1/2" from the end of the cable. Pull any stray strands of braid back towards the outer jacket.

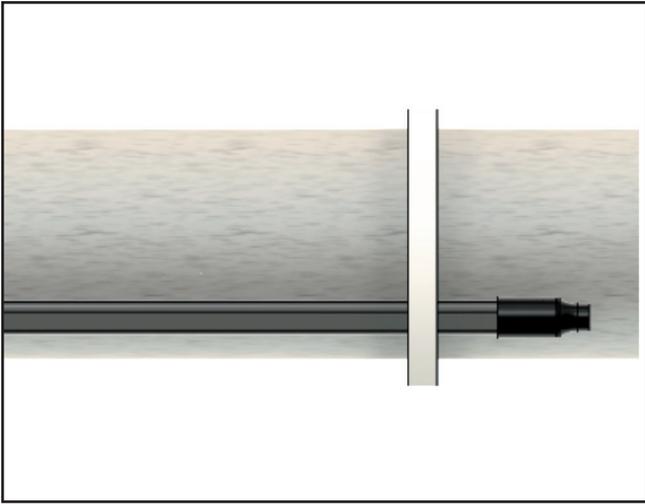


3. Slide the heat shrink cap over the end of the cable.



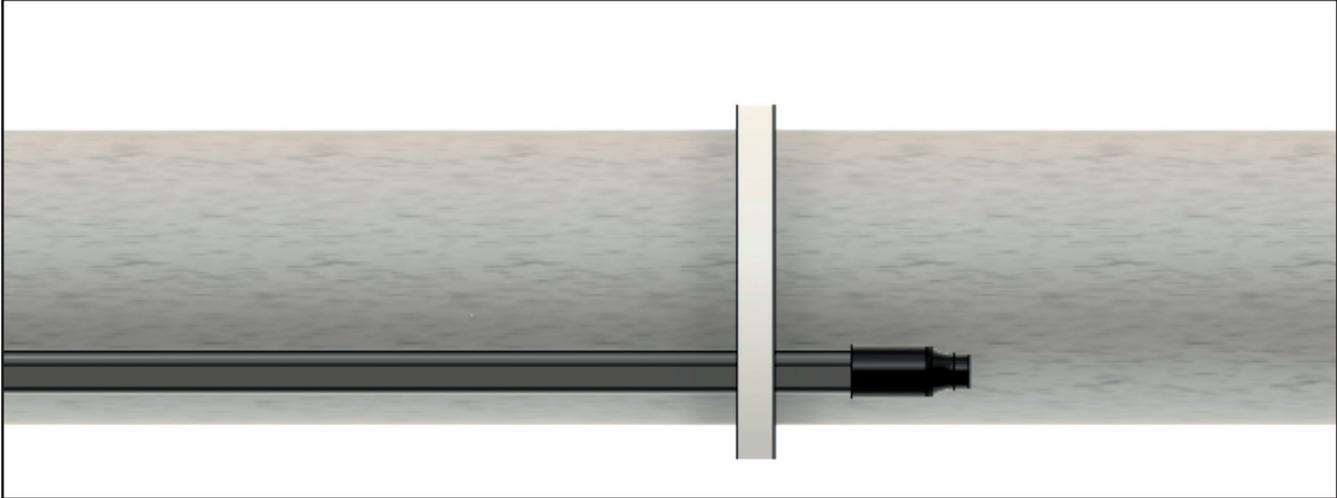
4. Using a propane torch or heat gun, apply heat evenly until the cap shrinks around the cable and the adhesive melts. Both ends should remain visibly sealed when cool. If not, gently reheat.

CAUTION: Do not overheat the tube or cable. Always keep the heat source moving.



5. Secure heating cable to pipe with fiberglass tape within 3" of the end seal.

RT-RES Fully Assembled



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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