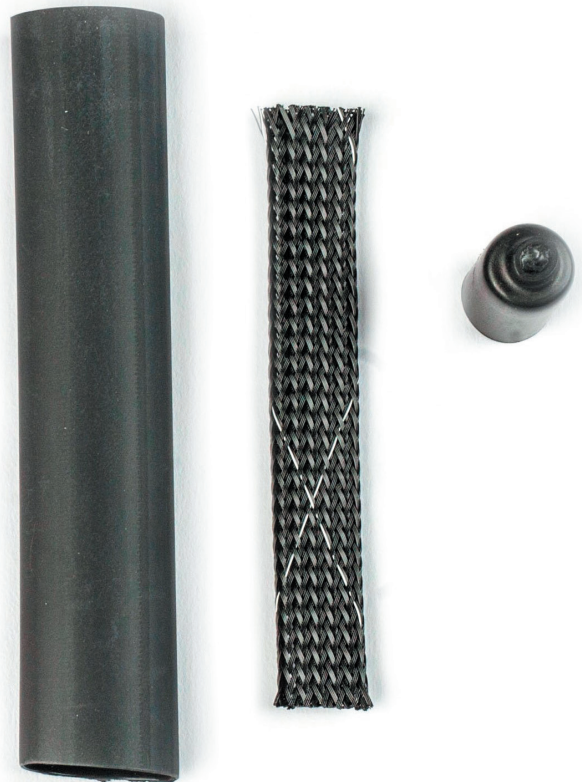


## Installation Instructions

# RG-EK-1 Roof and Gutter Cable End Seal Kit

For Self-Regulating Heating Cables



PJ480-5  
161-511930-004  
April, 2021

# RG-EK-1 Roof and Gutter End Seal Kit

## Self-Regulating Heating Cable Installation Instructions



| Item | Qty | Description              |
|------|-----|--------------------------|
| 1    | 1   | 5" Long Heat Shrink Tube |
| 2    | 1   | 4" Long Woven Braid      |
| 3    | 1   | Heat Shrink Cap          |

### General

The RG-EK-1 kit is used to terminate 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 one end seal.

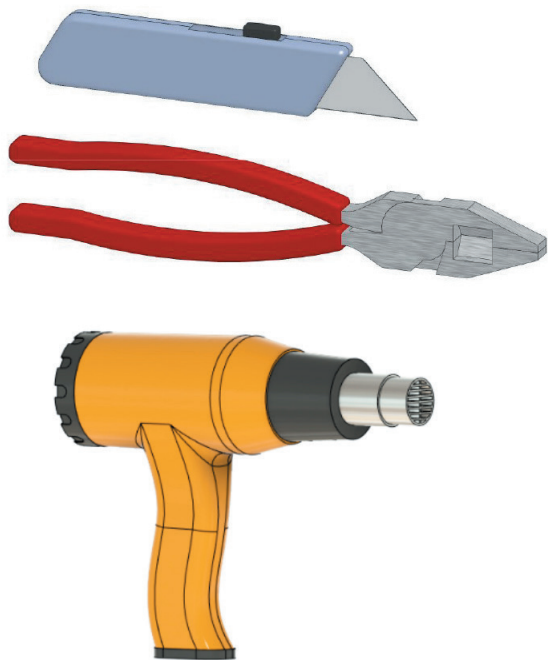
### Certifications & Approvals



### Installation

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

### 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 opening. All installations must be effectively grounded in accordance with the National Electrical Code to eliminate shock hazard. To avoid electro-static discharge, wipe with damp cloth.*

**⚠ WARNING**

**ELECTRIC SHOCK HAZARD.** *Any installation involving electric heating cables must be performed by a qualified person.*

**⚠ WARNING**

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

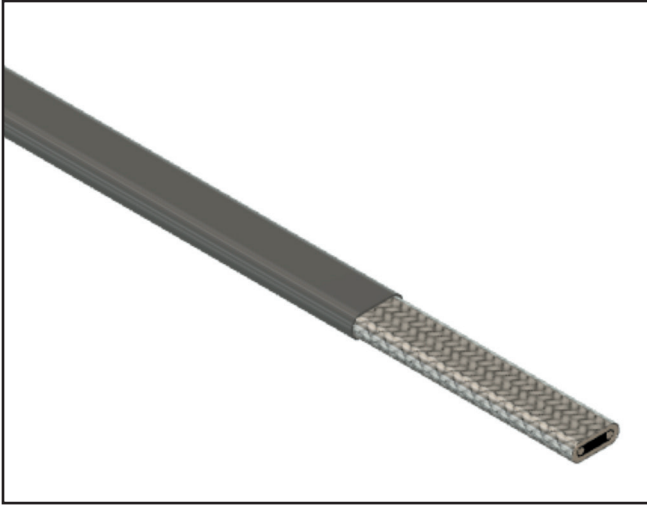
**⚠ WARNING**

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

**⚠ WARNING**

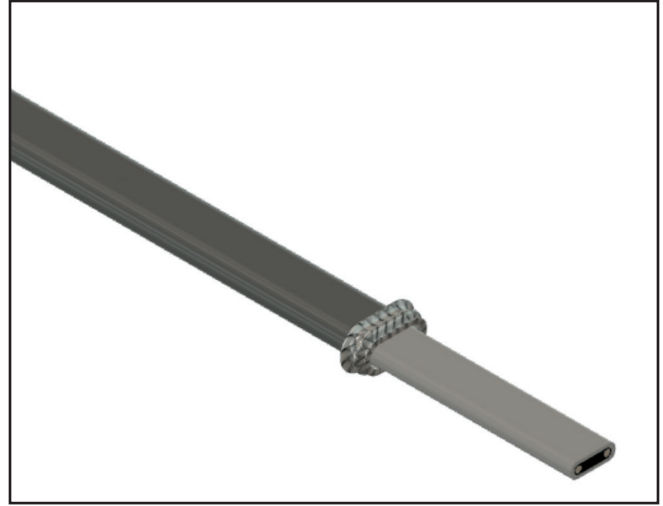
*Users should install adequate controls and safety devices with their electric heating equipment. Where the consequences of failure may be severe, back-up controls are essential. Although the safety of the installation is responsibility of the user, Chromalox will be glad to assist in making equipment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

## Cable installation instructions: CPR, SRL



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

**CAUTION: When removing outer jacket, be careful not to damage the braid of the base cable insulation.**



2. Push the braid back to expose the inner jacket on the base cable.



3. Use a cable cutter to cut off 3/4" of the base cable.

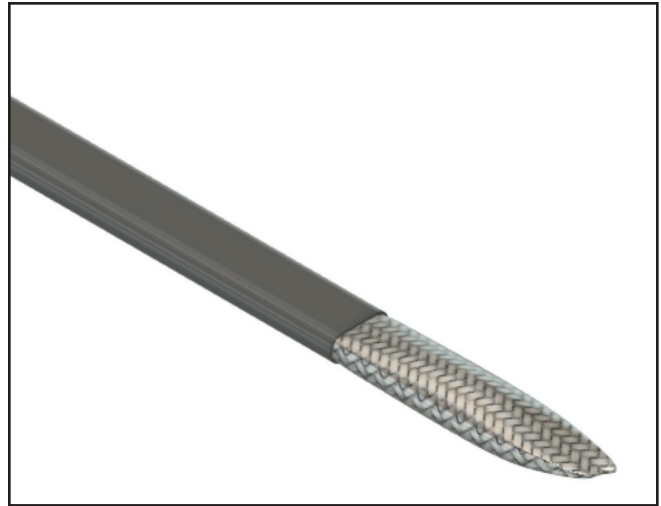


4. Slide the heat shrink cap over the end of the cable.



5. Apply heat evenly until the end cap shrinks around the cable.

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



6. Pull the pushed back braid over the sealed end cap and twist the braid together at the end.



7. Slide the 4" woven braid sleeving over the end of the cable, allowing at least 1/2" to extend past the end of the cable.



8. Slide the 5" heat shrink tubing over the woven braid piece, allowing 1/2" to extend past the end of each end of the woven sleeving.



9. Apply heat evenly to the heat shrink tube until it shrinks around the cable. While it is still hot, gently squeeze the end of the shrink tube with pliers and hold until cool. The end must remain visibly sealed when the pliers are removed.

Repeat the step if the tube does not remain sealed.

**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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