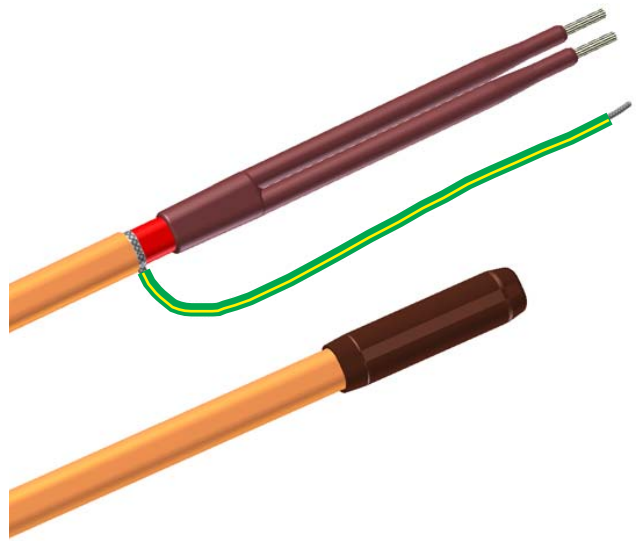


POWER AND END TERMINATION KIT

INSTALLATION PROCEDURES

SX-TERM-1-OJ for Overjacketed FLX
DX-TERM-1-OJ for Overjacketed DLX

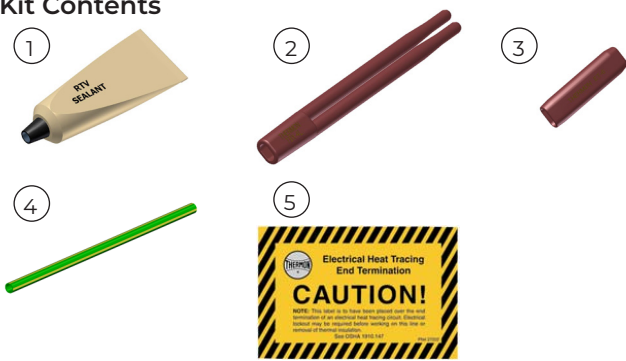


The following installation procedures are guidelines for the installation of the Power and End Termination Kit. For translations other than English and local language translation provided here, please contact Thermon. The English language installation procedure shall govern.

Receiving, Storing and Handling

1. Inspect materials for damage incurred during shipping.
2. Report damages to the carrier for settlement.
3. Identify parts against the packing list to ensure the proper type and quantity has been received.
4. Store in a dry location.

Kit Contents

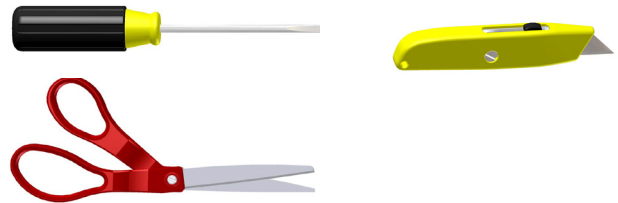


Item	Quantity	Description
1	1	RTV Tube
2	1	Power Connection Boot
3	1	End Cap
4	1	Ground Sleeve
5	1	End Termination Caution Label

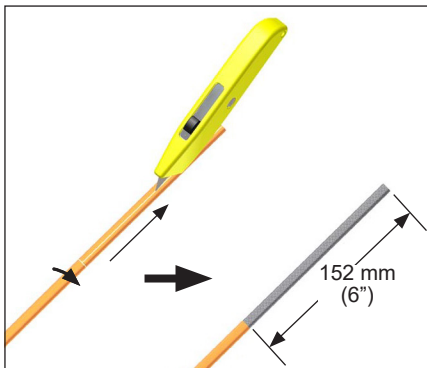
Installation Precautions

- To minimize the potential for arcing and fire caused by product damage or improper installation use ground-fault protection. The National Electrical Code (NEC) and Canadian Electrical Code (CEC) require ground-fault protection of equipment for each branch circuit supplying electric heat tracing.
- Installation must comply with Thermon requirements and be installed in accordance with the NEC, CEC, or any other applicable national and local codes.
- Component approvals and performance ratings are based on the use of Thermon specified parts only.
- De-energize all power sources before opening enclosure.
- Keep ends of heating cable and kit components dry before and during installation.
- Individuals installing these products are responsible for complying with all applicable safety and health guidelines. Proper Personal Protective Equipment (PPE) should be utilized during installation. Contact Thermon if you have any additional questions.

Tools Required



Step 1: Remove Heating Cable Overjacket and Separate Metallic Braid to Form Pigtail

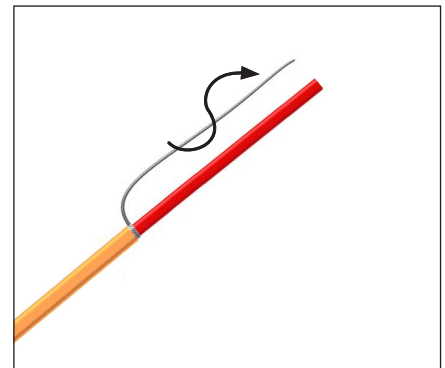


1a. Cut and remove heating cable overjacket.

Do not cut metallic braid.

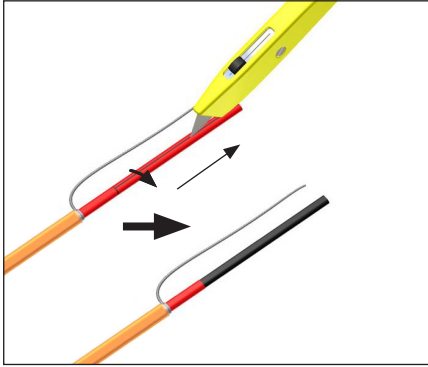


1b. Separate braid strands at edge of overjacket and pull cable through opening in braid.

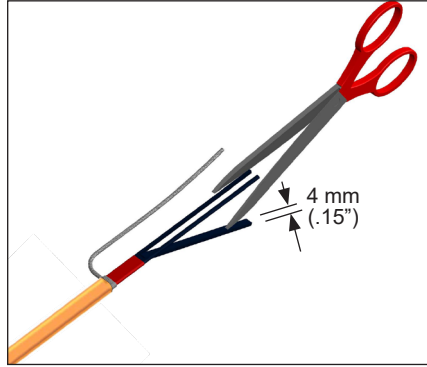


1c. Twist braid into a pigtail. Trim ends of braid.

Step 2: Matrix Removal

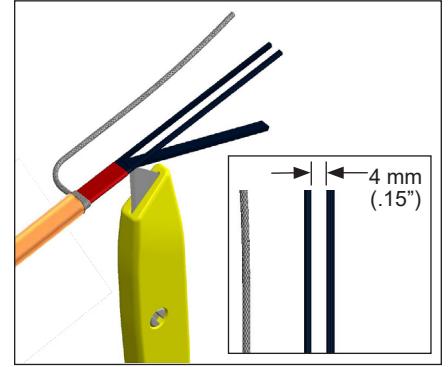


2a. Cut and remove primary insulation jacket (BSX and RSX cables only).



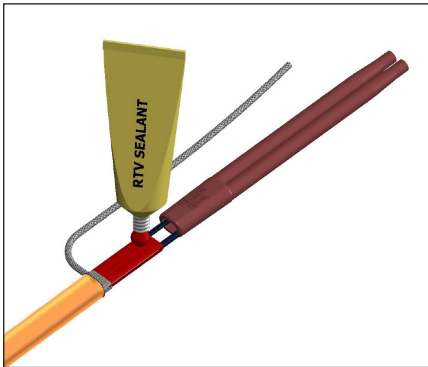
2b. Cut a 4 mm strip of conductive matrix between the conductors.

 Do not cut bus wire strands.

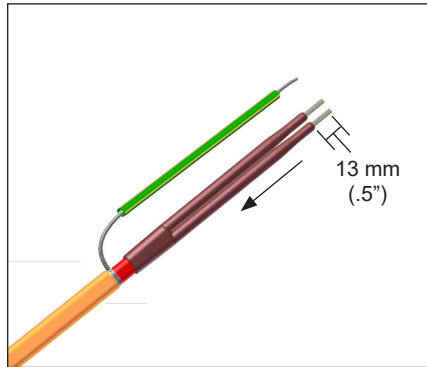


2c. Cut and remove the 4 mm matrix strip.

Step 3: Install Power Boot on Heating Cable

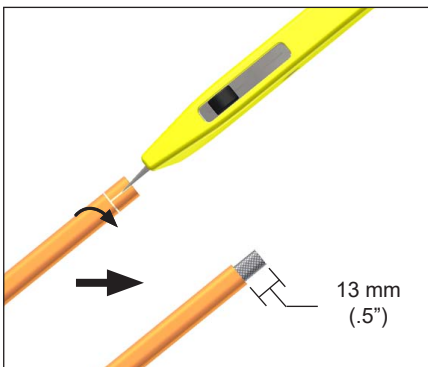


3a. Apply a liberal amount of RTV sealant to cable.

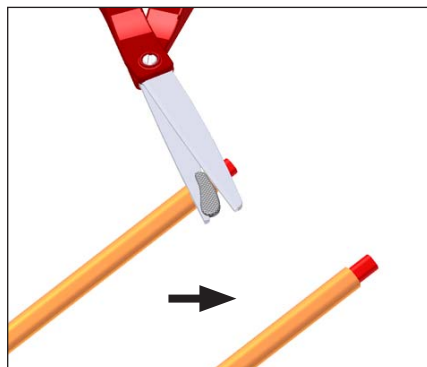


3b. Slide boot onto the end of the cable and green/yellow ground sleeve over twisted braid. Expose 13 mm (0.5") of bus wire.

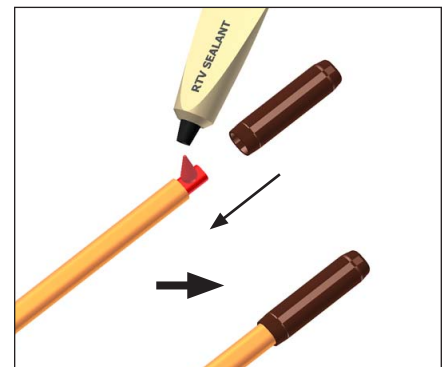
Step 4: End Termination



4a. Cut and remove heating cable overjacket.

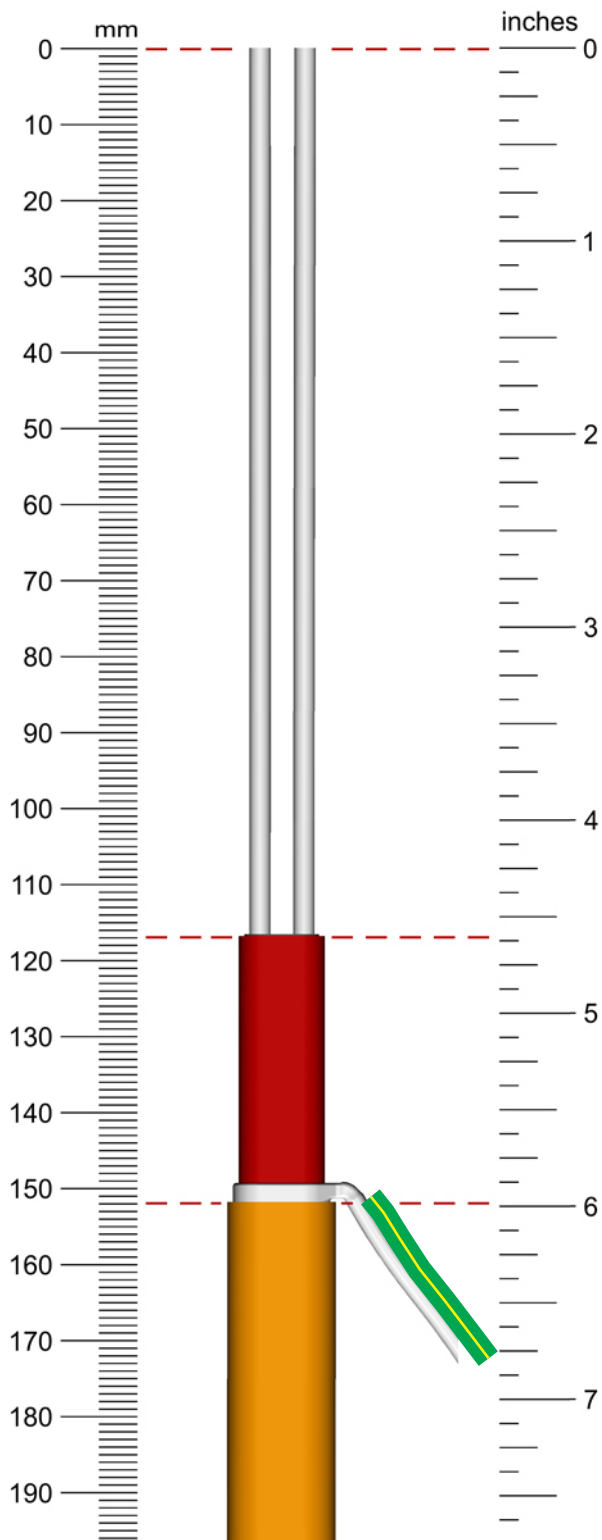


4b. Trim away exposed braid from cable.

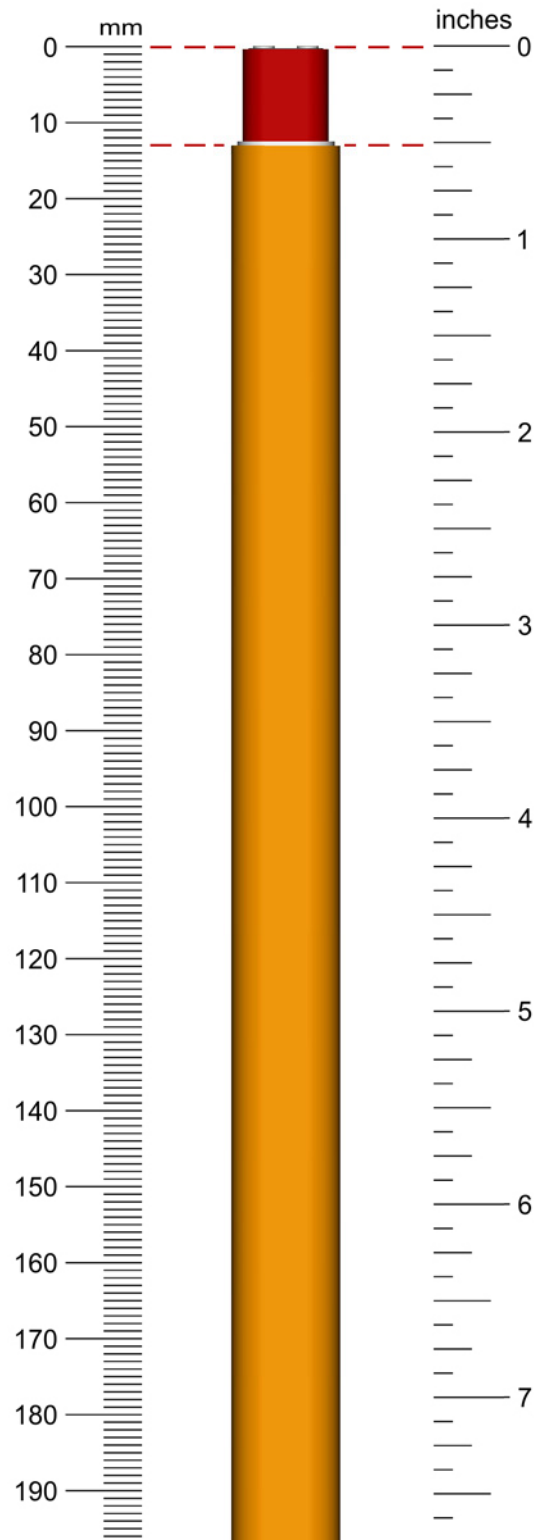


4c. Apply a liberal amount of RTV sealant to cable and inside end cap. Slide end cap onto end of cable.

Cable Take-off for FLX and DLX



For Power Connection Boot Termination



For End Cap Termination

NOTE: Images may not be printed to scale.

