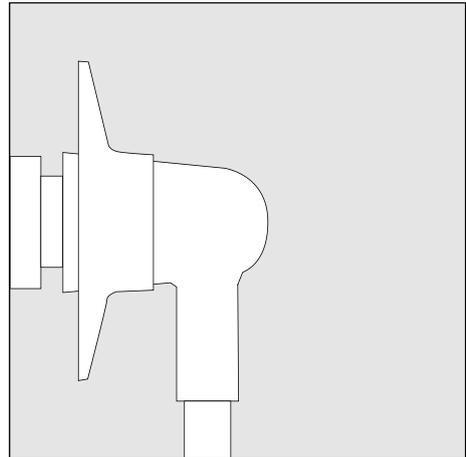




## TE's Raychem Cable Accessories



### Installation Instruction EPP-0014-10/94

### Insulating Boots for Long Bushings 24-36 kV

To view the TE Energy website:



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## **Before Starting**

**Check to ensure that the kit you are going to use fits the cable.**

**Refer to the kit label and the title of the installation instructions.**

**Components or working steps may have been modified since you last installed this product.**

**Carefully read and follow the steps in the installation instructions.**

## **General Instructions**

**Use a propane (preferred) or butane gas torch.**

**Ensure the torch is always used in a well-ventilated environment.**

**Adjust the torch to obtain a soft blue flame with a yellow tip.**

**Pencil-like blue flames should be avoided.**

**Keep the torch aimed in the shrink direction to preheat the material.**

**Keep the flame moving continuously to avoid scorching the material.**

**Clean and degrease all parts that will come into contact with adhesive.**

**If a solvent is used follow the manufacturer's handling instructions.**

**Start shrinking the tubing at the position recommended in the instruction.**

**Ensure that the tubing is shrunk smoothly all around before continuing along the cable.**

**Tubing should be smooth and wrinkle free with inner components clearly defined.**

The Information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, TE Connectivity has no control over the field conditions which influence product installation.

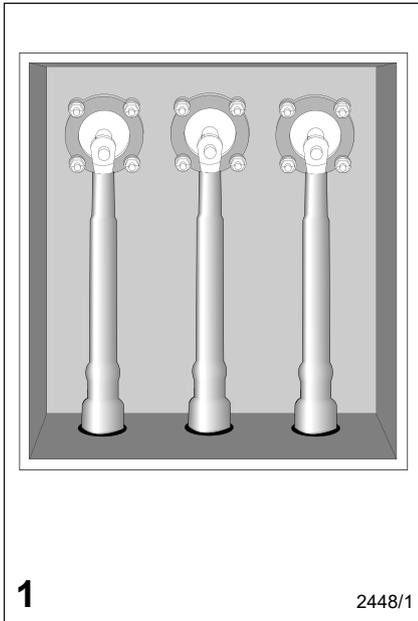
It is the user's responsibility to determine the suitability of the installation method in the user's field conditions.

TE Connectivity's only obligations are those in TE Connectivity's standard Conditions of Sale for this product and in no case will TE Connectivity be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products.

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## Installation of Insulated Connection

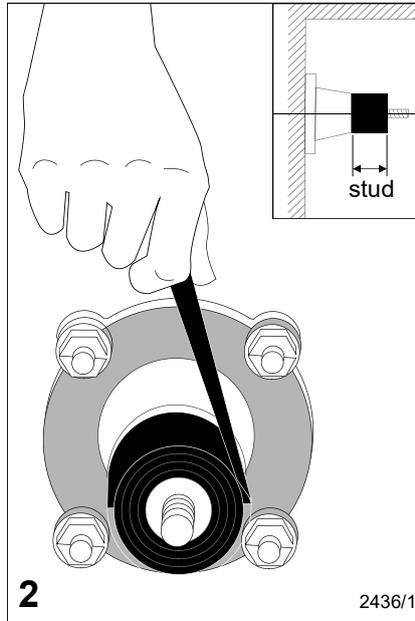


### Termination preparation

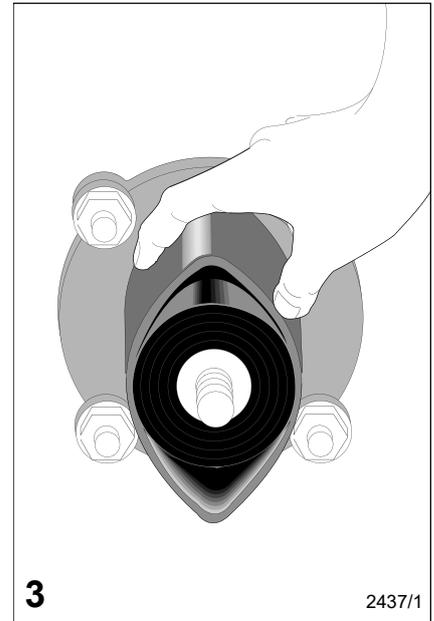
Install the termination in accordance with the relevant installation instruction.

### Do not install the skirts.

Clean the connectors and the bushing. Position the cable.



Remove the release paper from the mastic tape. Wrap 6 layers of mastic tape round the studs as shown in the picture.



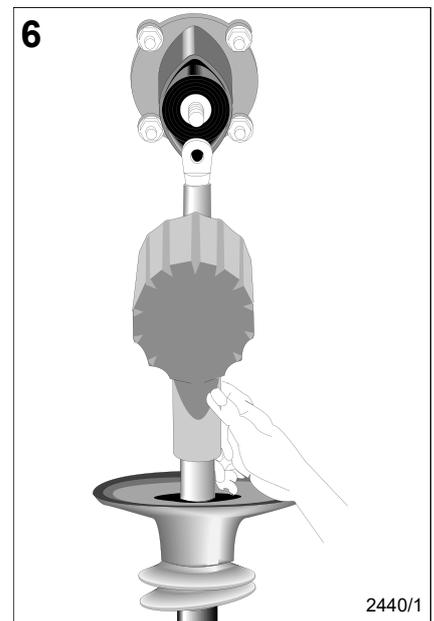
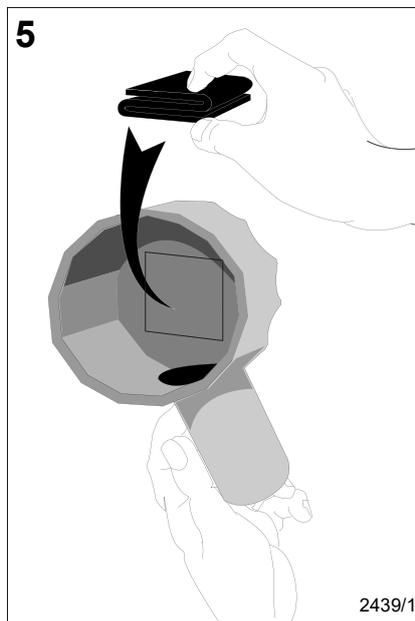
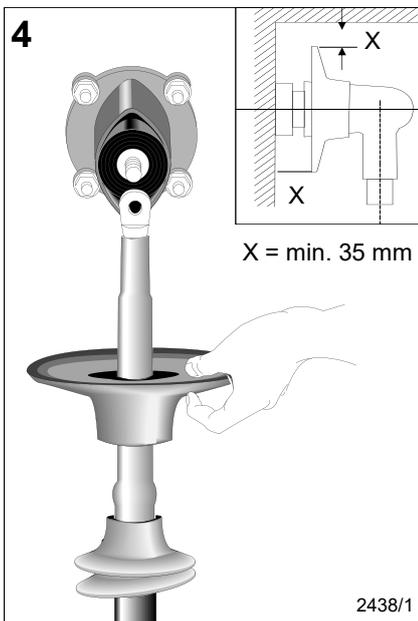
Place the tubing over the bushings.

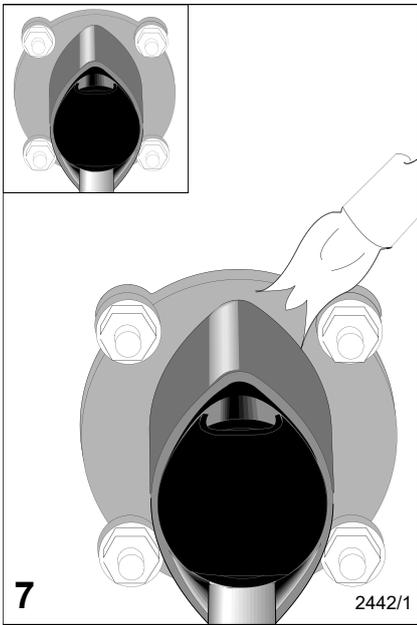
Slide the small skirts (face downwards) and the large skirts (face upwards) over the cable ends.

**Note:** To obtain the necessary minimum clearance of 35 mm phase to phase and phase to ground the large skirt may be installed as shown in the drawing.

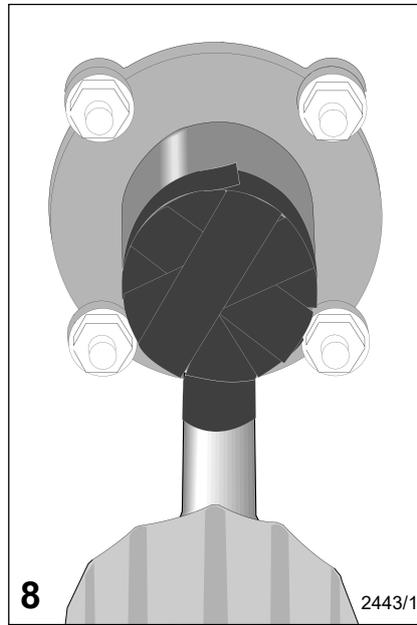
Press 3 layers of mastic tape into the back of each insulating boot.

Slide the boots over the cable ends.

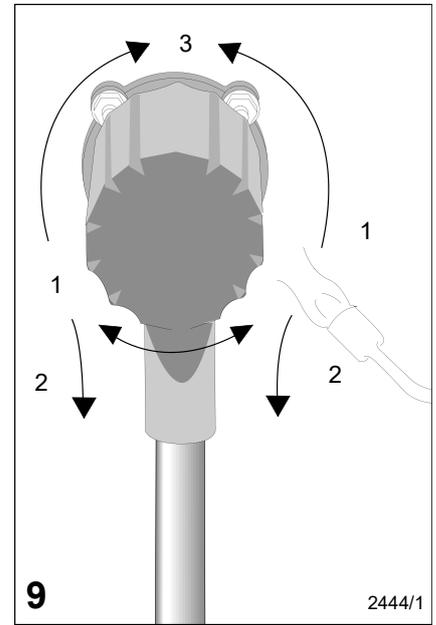




Fasten the connectors to the bushings and completely cover all metal parts with mastic tape. Shrink the tubing into place over the bushing.



Cover the mastic with one layer of PVC tape.



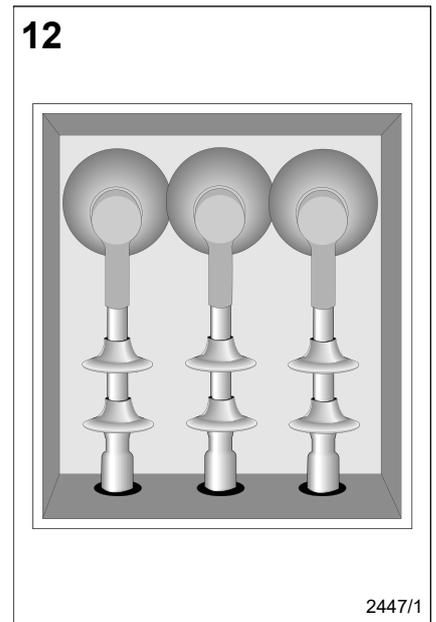
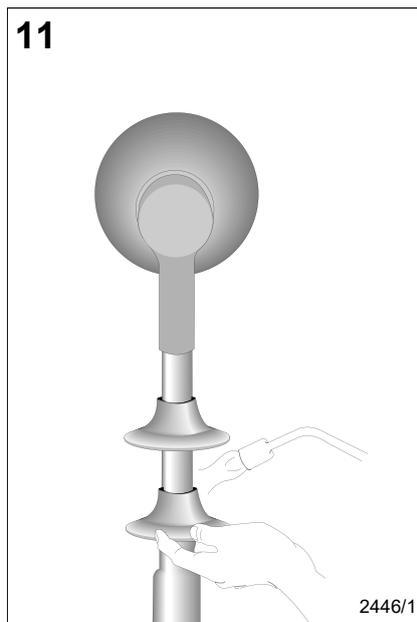
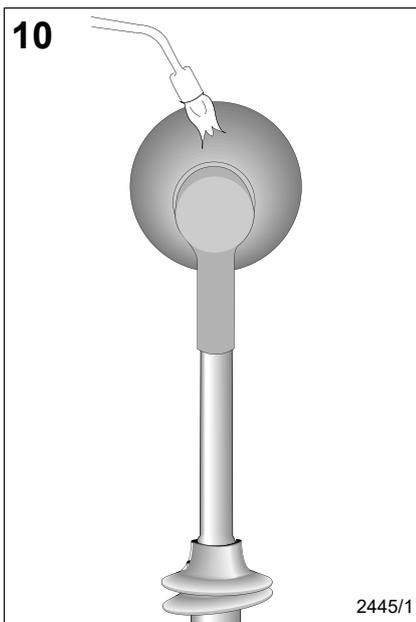
Position the insulating boots over the bushings. Shrink the insulating boots into place starting at the cable ends and working towards the bushing.

Shrink the large skirts into place as close as possible to the bushing clamping rings.

**Note:** Make sure that the skirts do not touch each other.

Shrink the small skirts into place according to the relevant termination installation instruction.

Installation of insulating boots completed.



Please dispose of all waste according to environmental regulations.

