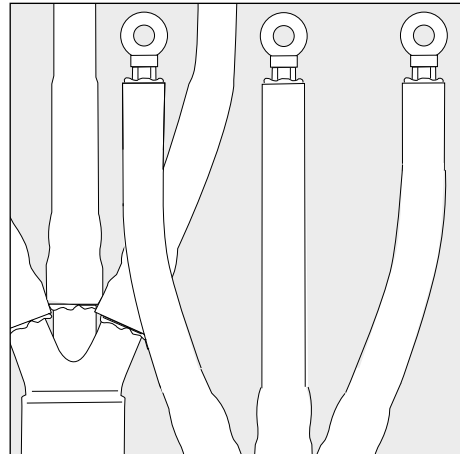




TE's Raychem Cable Accessories



Installation Instruction ESD-7315-7/16

**Raychem
Termination for Plastic and
Rubber Insulated
Multi-Core Cables
up to 1 kV
with Steel Wire Armour**

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 instruction.

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

Carefully read and follow the steps in the installation instruction.

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.

Tubing should be cut smoothly with a sharp knife leaving no jagged edges.

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.

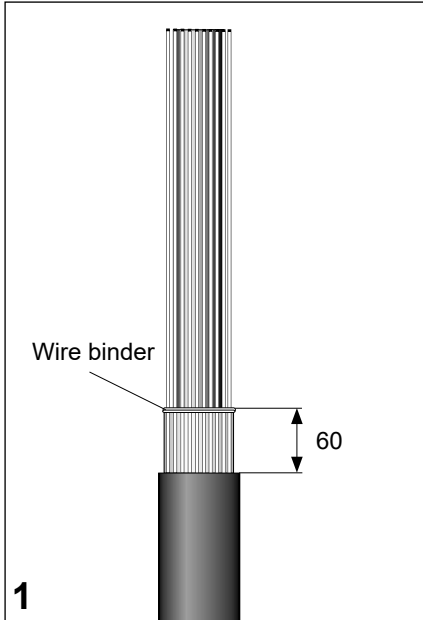
The Information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, TE Connectivity has no control over the field conditions which influence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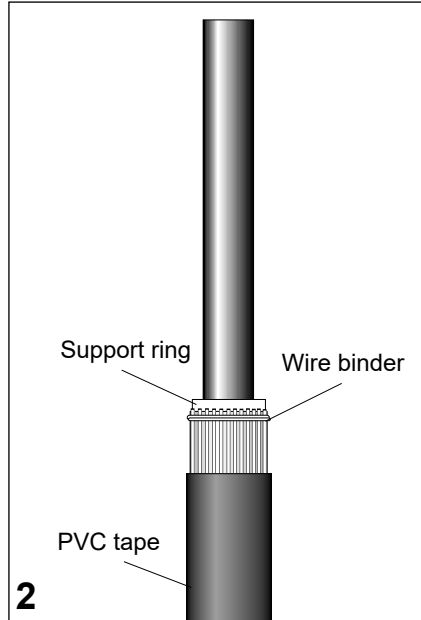
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Cable Preparation



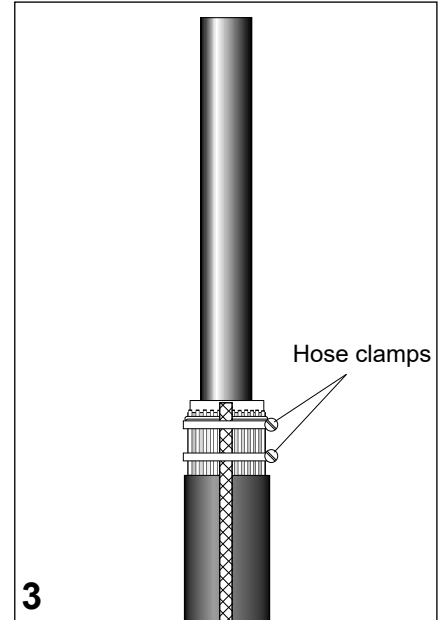
1

Cut the cable as required.
 Remove the outer sheath to the required length.
 Clean the outer sheath for about 100 mm.
 Tie a wire binder around the armour at 60 mm above the sheath cut.



2

Cut the armour at 60 mm above the sheath cut.
 Remove the wire binder. Lift up the armour wires and insert the support ring under the armour. Secure the end of the wires over the support ring with a wire binder.

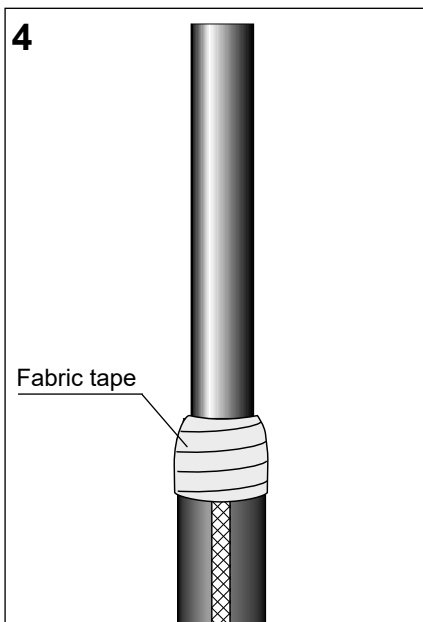


3

Fix the earth braid over the armour with hose clamps.

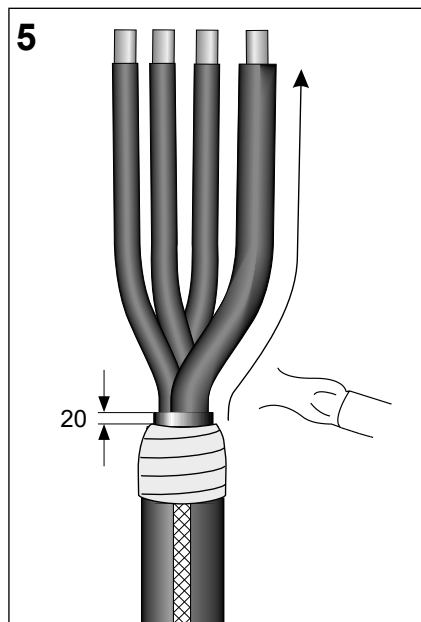
Completion of the Termination

Cover the sharp edges and the armour with cotton fabric tape.



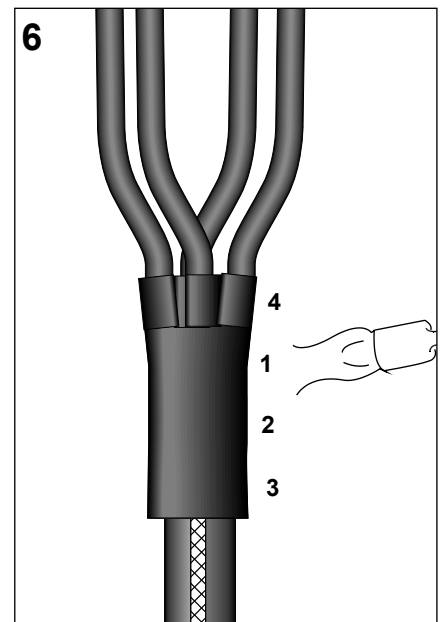
Remove the inner sheath and fillers at 20 mm above the end of armour. Spread and clean the cores.

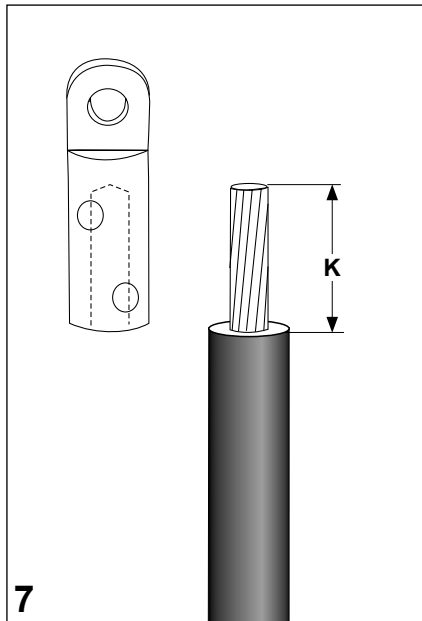
Shrink outer core insulation tubing on all the four cores. Start shrinking at the bottom and proceed upwards.



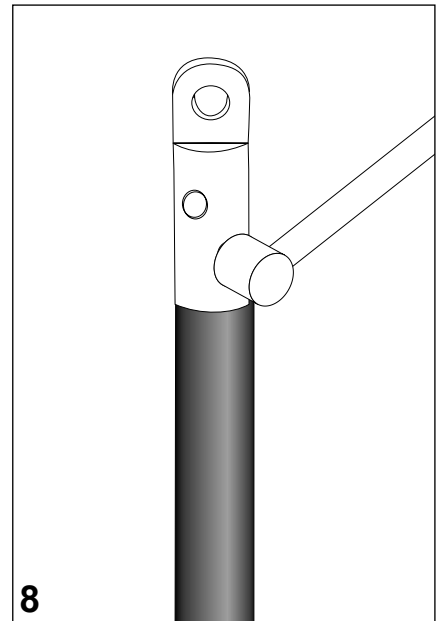
Pass the breakout over the cores and pull it well down into the crutch.

Shrink the breakout into place starting at the centre. Shrink the lower end first, then the turrets onto the cores. The numbers in the drawing indicate the shrink sequence.





7
Cut back the insulation according to **K** = depth of cable lug barrel hole.



8
Install the cable lug and remove all sharp edges.
Clean and degrease the core insulation and the lug.

Preheat the lugs.

Position the lug sealing tubes so that they overlap the bold tape for 10 mm and shrink them into place.

Termination completed.

Please dispose of all waste according to environmental regulations.

