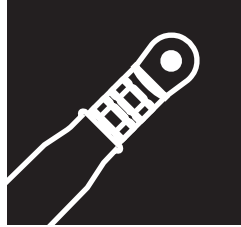


CAUTION:

Read instructions thoroughly and completely prior to beginning installation.

Installation instructions for cold-shrinkable indoor termination



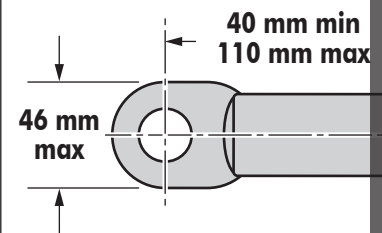
For copper wire screened cable with :

- extruded easy strip semi-conductive screen
- bonded extruded semi-conductive screen

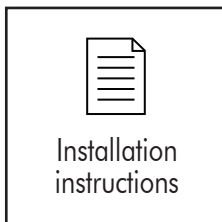
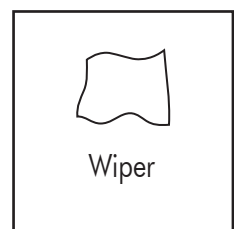
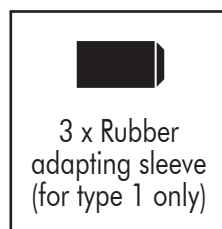
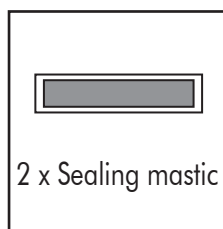
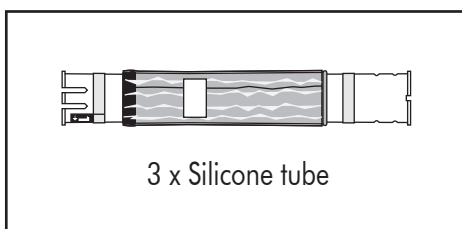
6/10 kV : conductor sizes 50 up to 400 mm², aluminium or copper
 8,7/15 kV : conductor sizes 25 up to 300 mm², aluminium or copper
 12/20 kV : conductor sizes 25 up to 240 mm², aluminium or copper

Allowed min and max dimensions for cable lugs

In all cases the cable lug dimensions should be within the dimensions specified.



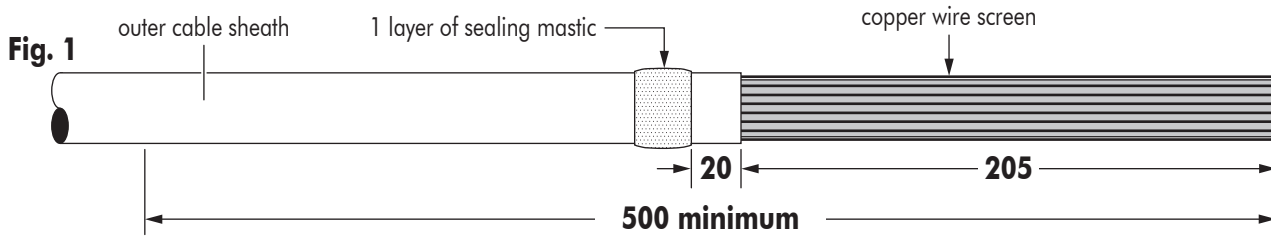
Required components for the termination installation :



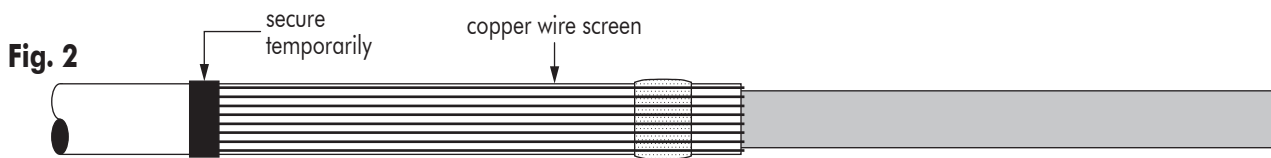
FOR INFORMATION ONLY Please always use the instructions supplied in the kit



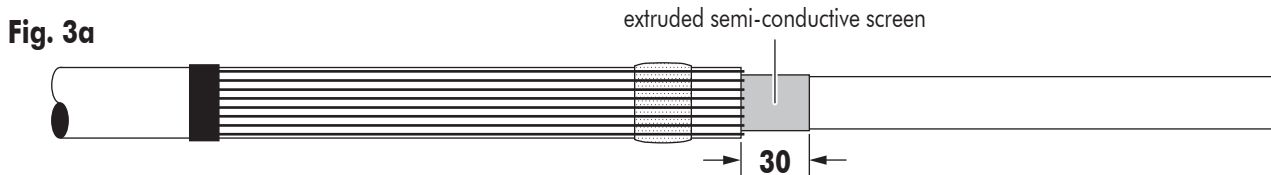
CABLE PREPARATION



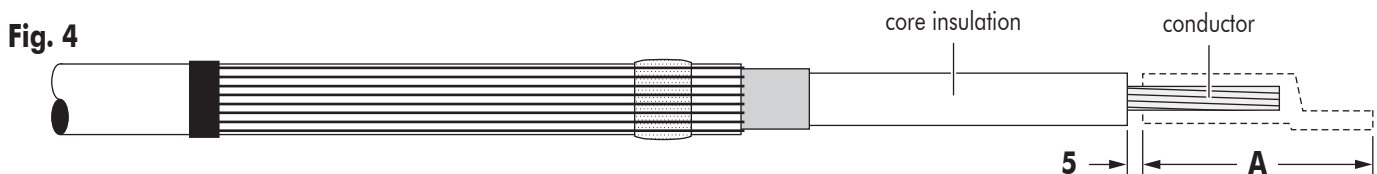
- 1 Allow for a free cable length of **500** mm minimum and clean the outer cable sheath.
- 2 Remove the outer cable sheath up to a point **205** mm from the cable end.
- 3 Cut one supplied length of sealing mastic into three equal pieces, one piece required per core. Wrap one layer of sealing mastic around the outer sheath, **20** mm from the edge. Slightly stretch the mastic strip and completely encircle the cable.



- 4 Bend the screen wires back over the mastic and along the outer sheath, pressing them into the mastic. **Important:** screen wires should not touch each other when pressed into the mastic to prevent water ingress. Temporarily secure the copper wire screen.

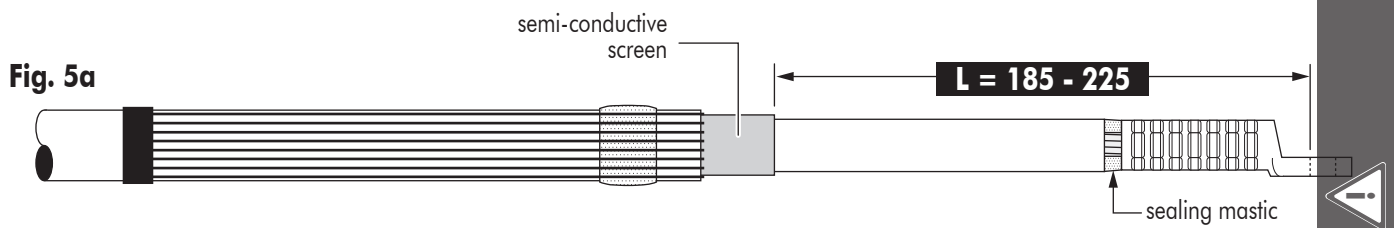


- 5 Remove the extruded semi-conductive screen to a point **30** mm from the outer sheath.

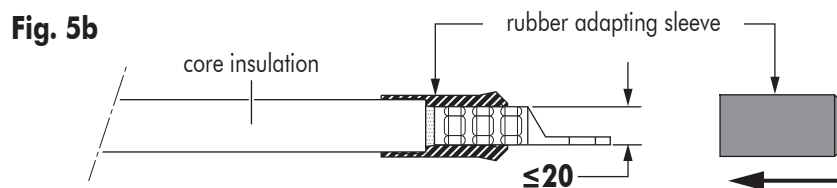


- 6 Remove core insulation for a distance « **A** » mm + **5** mm. (« **A** » = the bore depth of the compression lug).

CABLE LUG CRIMPING



- 1** Wire brush bare aluminium conductors, immediately insert the cable lug and crimp. Remove any burrs after crimping. Clean cable lug and conductor.
- 2** As a check, measure distance « **L** » between the semi-conductive screen and cable lug hole. This distance should be between dimensions specified.
- 3** **Thoroughly clean the core insulation using an appropriate solvent.**
- 4** Cut one supplied length of sealing mastic into three equal pieces, one piece required per core. Fill up the gap between core insulation and crimped cable lug with the sealing mastic.



NOTE : If the cable lug barrel diameter is **20** mm or less, install the rubber adapting sleeve on the cable lug and slide it until the internal step butts against the core insulation (Fig 5b).

INSTALLATION OF THE SILICONE TUBE

Fig. 6

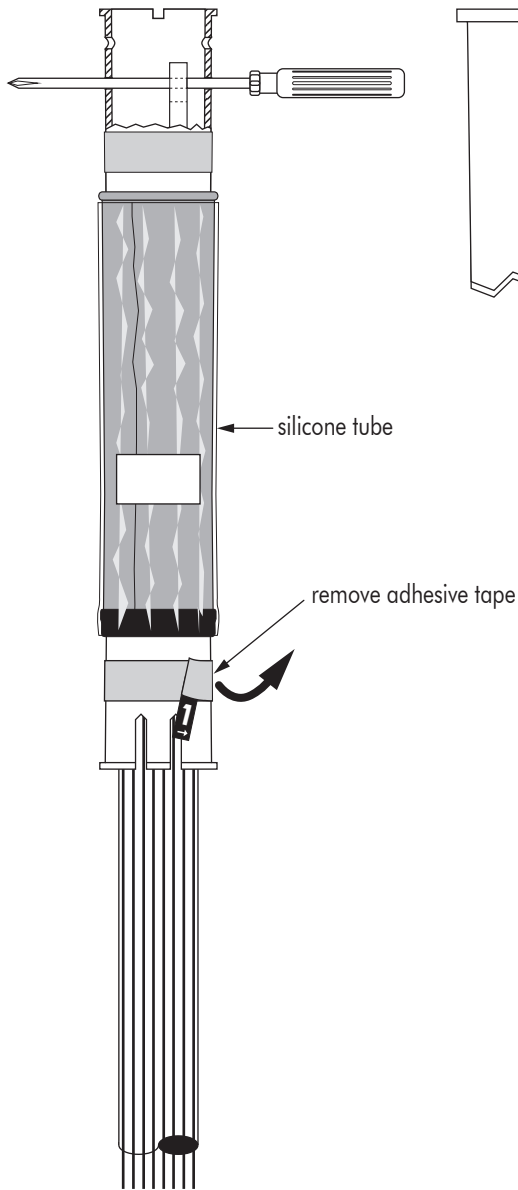


Fig. 7

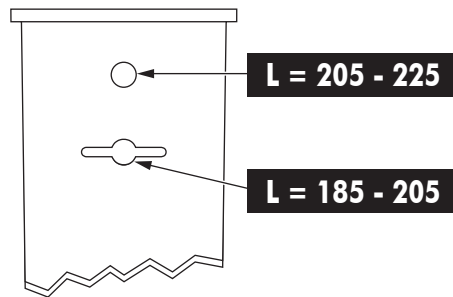
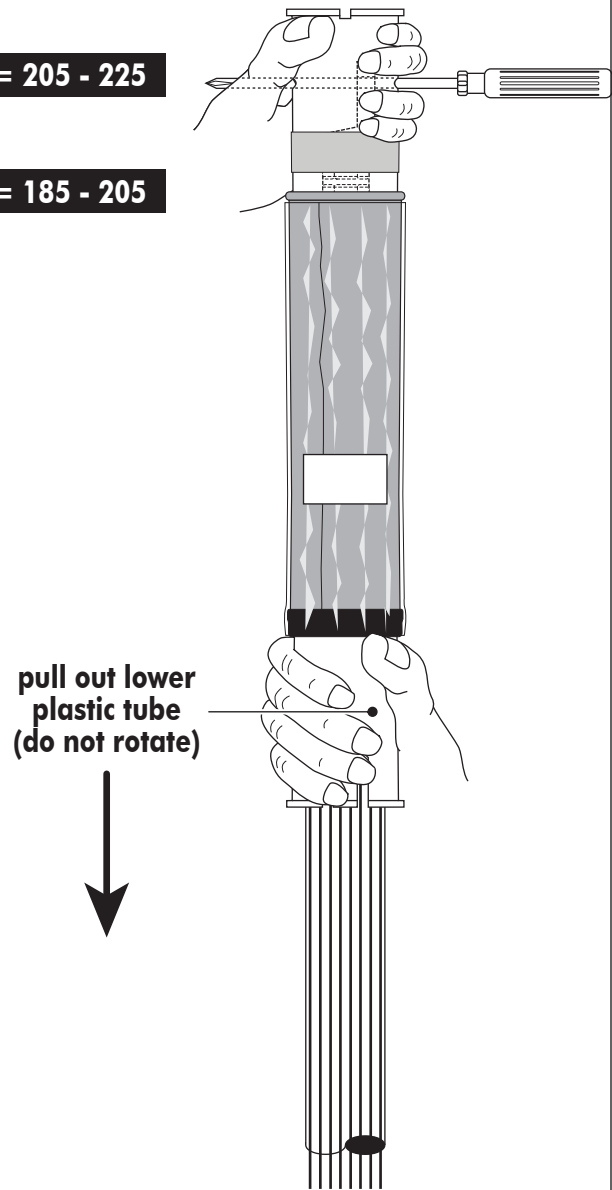
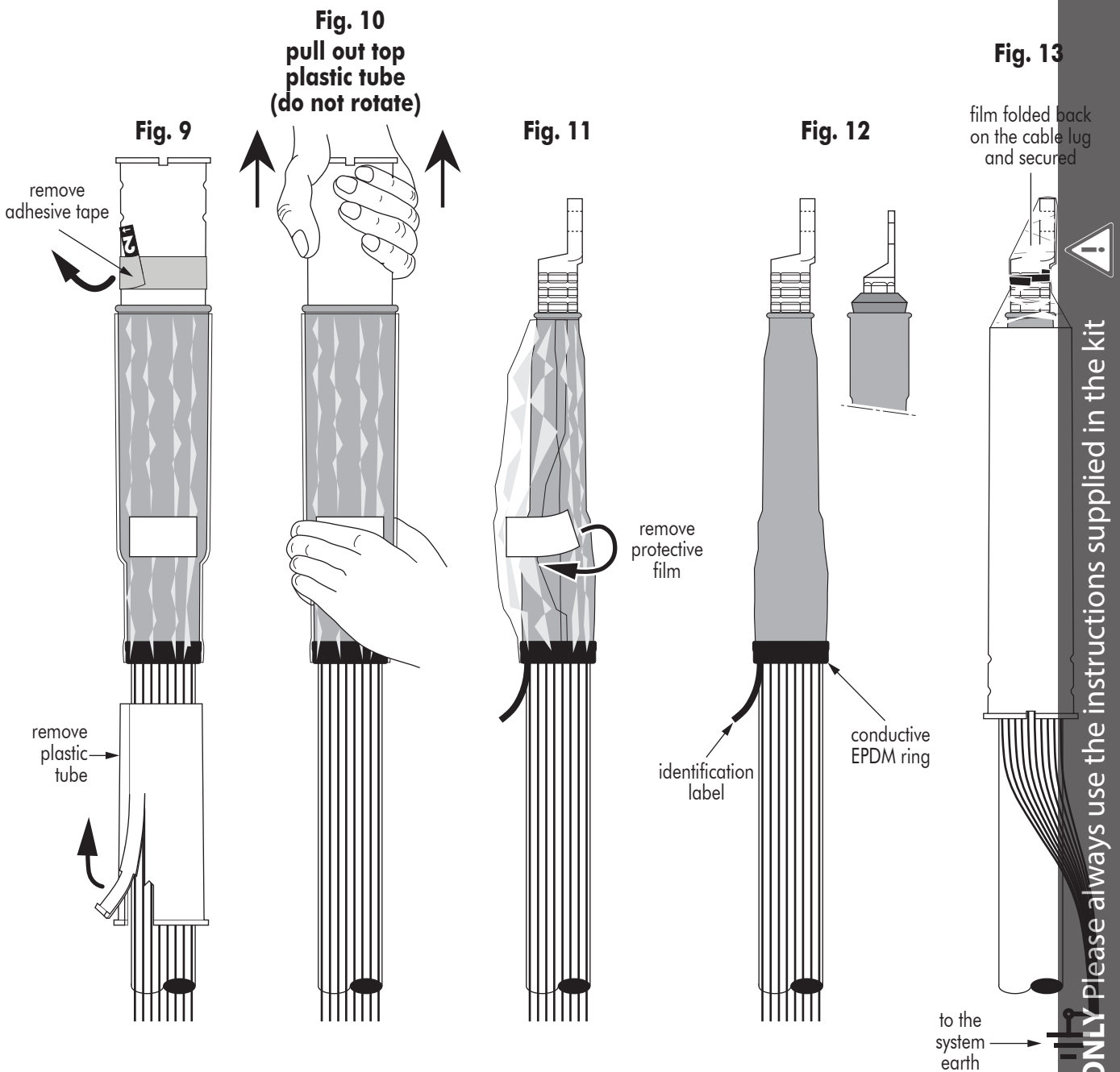


Fig. 8



- 1** Slide the tube over the cable. Insert the screw-driver in the hole corresponding with distance « L » and through the cable lug hole (Fig. 6 & 7).
- 2** Remove adhesive tape from lower plastic tube (Fig. 6).
- 3** Hold the plastic tube (cable lug side) and screw driver with one hand and pull out the lower plastic tube without hesitation (Fig. 8).

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- 4 Remove lower plastic tube from the cable (Fig. 9).
 - 5 Remove adhesive tape from the top plastic tube (Fig. 9).
 - 6 Hold the silicone tube with one hand and pull out the top plastic tube without hesitation (Fig. 10).
 - 7 Remove protective film (Fig. 11).
 - 8 Check the silicone tube covers partially the crimp barrel or the rubber adapting sleeve and adjust if necessary.
- The conductive EPDM ring must be in contact with the copper screen wires (Fig. 12).**
- 9 In order to protect the termination prior to its connection, slide the longer plastic tube with film over the termination and secure with a wrap of vinyl tape (Fig. 13).
 - 10 Before connecting the cable lugs, remove the plastic tube and connect screen wires to the system earth (Fig. 13).

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