

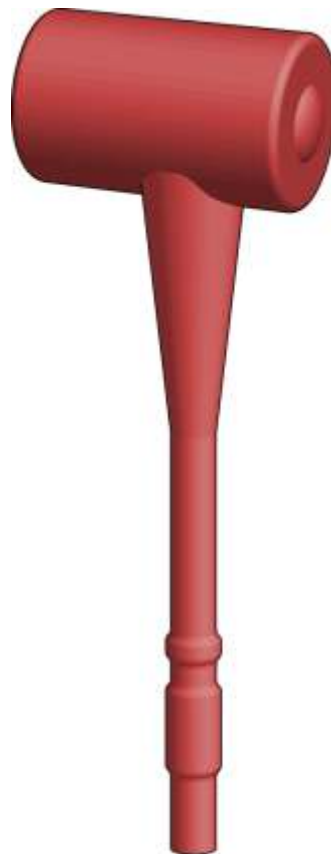


Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV

Installation Instruction Heatshrink Termination For Single Core Indoor/Outdoor 1.9/3.3(3.6kV) Xlpe Cables

*** PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE PROCEEDING ***



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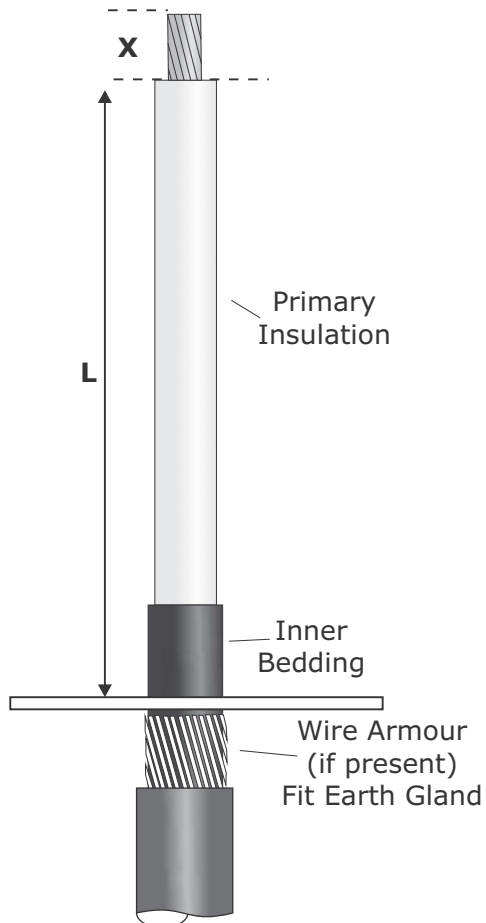


Fig 1

Remove the outer cable jacket to dimension $L + X$

L Min = 150mm + X

L Max = 250mm + X

X = Cable lug barrel + 5mm

Remove the outer cable jacket and expose the Inner Bedding.

Note:- Fig 1 shows non screened core, if cores have semi conductive screen see Fig 2 and 3 for preparation.

Carefully remove the conductive screens (if present) to 100mm from bottom of lug barrel. Tools can be provided to do this and videos are available on our website or YouTube channel.

If the cable has copper tape screens, remove these to a point 15mm below the screen end as shown in Fig 2.

User can determine length of copper tapes exposed according to available space.

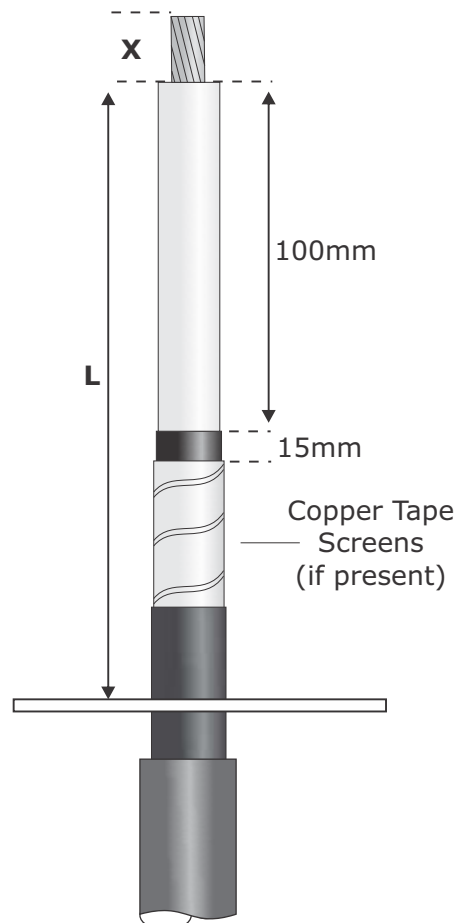


Fig 2

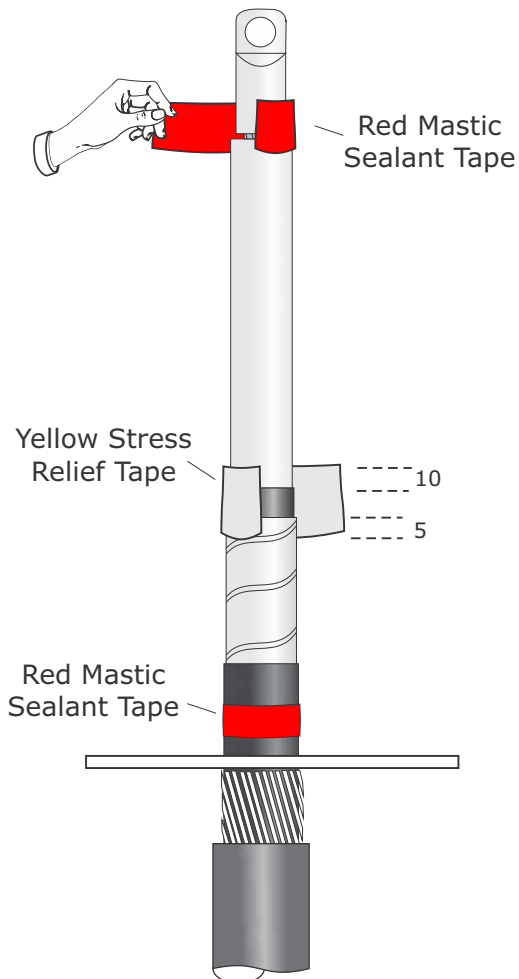


Fig 3

Position the anti track core tubes and trim if necessary. With a suitable heat source, shrink from the bottom of the tubes upwards until fully recovered.

Ensure you maintain a clearance dimension of 15mm between the cores at the end of screen point.

Stretch and apply the yellow stress relief tape so that it overlaps onto the primary insulation by 10mm and the conductive layer by 20mm. If a copper tape screen is present, apply the tape onto the copper tape by a further 5mm as in Fig 3.

Note:- if cores are not screened, this tape is not required.

Apply red mastic sealant tape over the lug barrels to create good moisture seals when the anti track core tubes are fitted. Also apply tape so the bottom of the tube sits upon it.

If cable has copper tape screens, fit the solderless earth kit according to the instruction sheet supplied with the kit.

