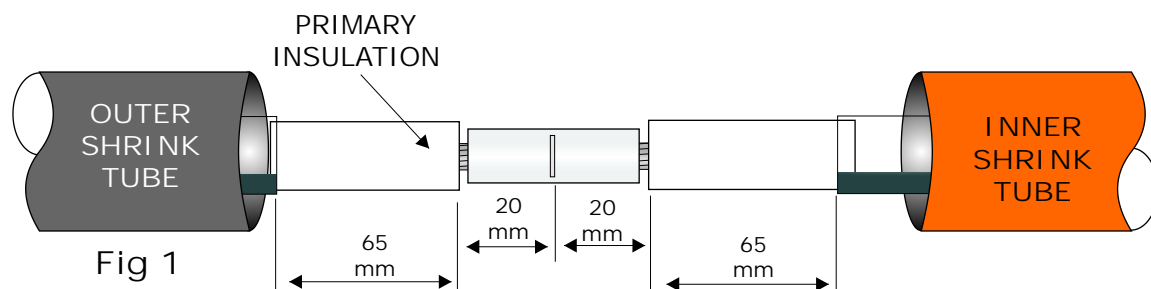




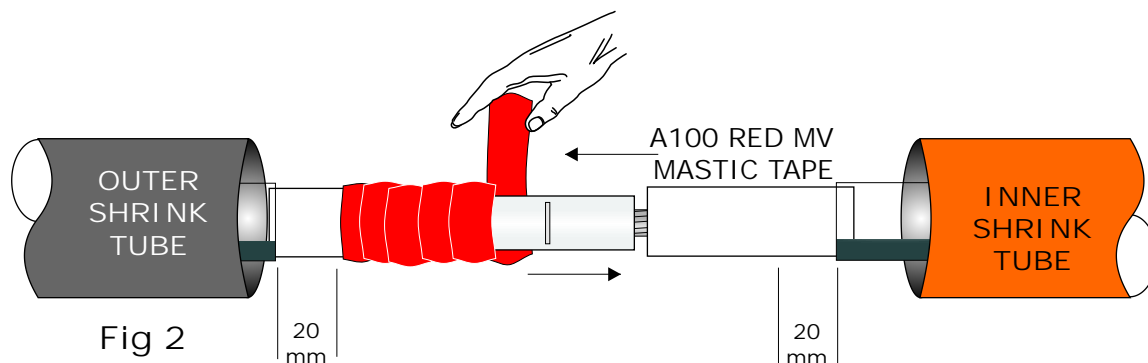
# Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV

## INSTALLATION INSTRUCTION HEATSHRINK JOINT TO SUIT 5kV NON SCREENED 6mm<sup>2</sup> PRIMARY AGL CABLE PART NO: SPS 1014



1. Prepare the Cable to the dimensions shown above.
2. Position the Black Outer and the Inner Medium Voltage Red Shrink Tube over the Cable ends. Strip Conductors to required length. Important: - Crimp the Connectors with an approved Tool and apply a pull test before proceeding.



3. It is recommended that the Outer Cable Sheath is abraded with 150 Grade Aluminium Oxide paper (Not Emery Paper) before cleaning the Sheath and Primary Insulation with the Cable Tissue provided. Once clean, apply with stretch, the A100 Red Medium Voltage Anti-Track Mastic Tape around the Connector, filling in the gaps between the Primary Insulation. Extend the Tape onto the Primary Insulation either side up to a point 20mm from the Outer Cable Sheath as shown in Fig 2.



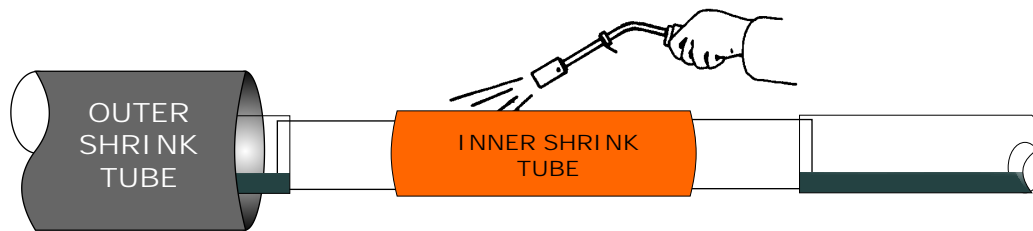


Fig 3

4. Position the Inner Shrink Tube centrally over the Connector and applied Red Mastic Tape and with a suitable heat source, shrink from the centre to one end at a time. Keep the flame on the move all around the Tube to ensure an even wall thickness and that the Red Mastic can melt beneath. Approx 20mm of Insulation either side of the Inner Shrink Tube should be visible after the Inner Tube has been fitted.

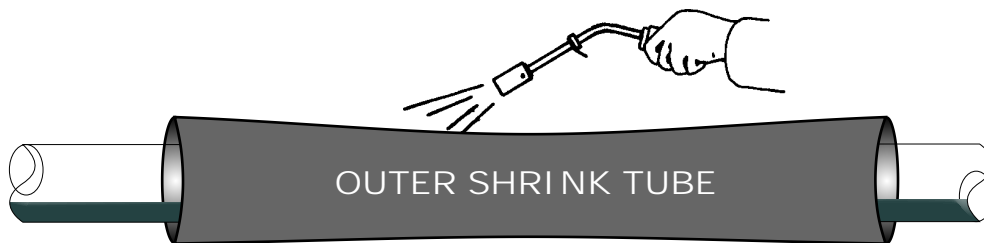


Fig 4

5. Position the Outer Shrink Tube centrally over the joint gap. As before, shrink the Tube from the centre to one end at a time. Keep the flame on the move all around the Tube to achieve an even wall thickness and effective seal.

6. Allow the completed Joint to cool before applying any mechanical strain.

#### Important:-

A) A Propane Gas Torch with a Burner Head suitable for Heatshrink materials should be used. For very windy conditions a Hot Air Burner Head can be supplied as part of a kit (As used by Railtrack Contractors). Both kits are listed in our Catalogue.

B) In bad weather, installation of the Joints ideally needs to be done with protection.

C) End Caps should be fitted on all AGL Cables in storage and after every cut length removed to prevent water entering the Cable Conductors.



IMPORTANT NOTICE TO PURCHASER:- Sellers and Manufacturere's only obligation shall be to replace such quantity of the product proved to be defective. Neither the Seller nor Manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or inability to use the product. Before using, User shall determine the suitability of the product for his or her intended use and User assumes all risk and liability whatsoever in connection therewith.