Bristol Head Office
Tel: 0117 977 4647
Fax: 0117 977 5582
Northern Office
Tel: 0191 490 1547
Fax: 0191 477 5371

INSTALLATION INSTRUCTION
ZERO HALOGEN FIRE RESISTANT HEATSHRINK JOINT KIT
TO SUIT MULTICORE XLPE/SWA/LSOH OR EPR/GSB
2-48 CORE 1.5-2.5mm^2 0.6/1kV RATED CABLE

CABLE SIZE	A	B	C
2-10 CORE	200mm	25mm	15mm
12-19 CORE	250mm	30mm	25mm
27-48 CORE	300mm	40mm	35mm

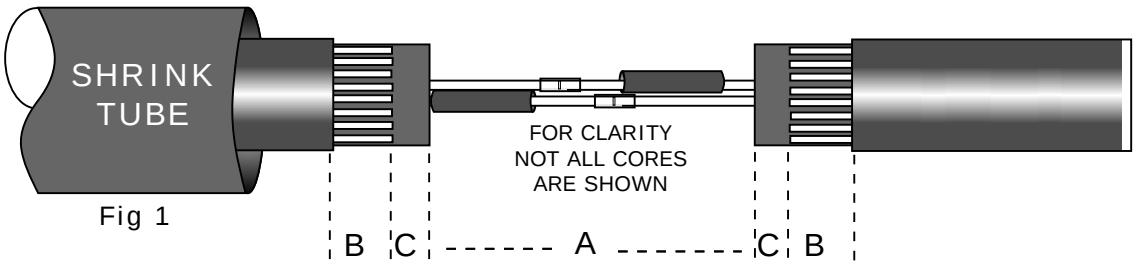

Fig 1

1. Position the Outer Shrink Tube onto the Cable end/s along with the Fire Barrier Tube. Slide the small shrink sleeves onto the cores before fitting the Connectors.

2. If user wishes to relay the Armour Wires across the joint gap, only one Armour Support Ring will be required. Note: If Wire Braid Armoured expose to dimension B and no need to fit Armour Support Rings.

3. Prepare the cable in accordance with the drawing and dimension Table above.

4. Stagger the connections across the joint gap (A) to keep down the overall diameter.

5. Fit the Armour Support Ring/s (if steel wire armoured) before crimping the Connectors with a suitable Ratchet Tool. Apply a pull test.

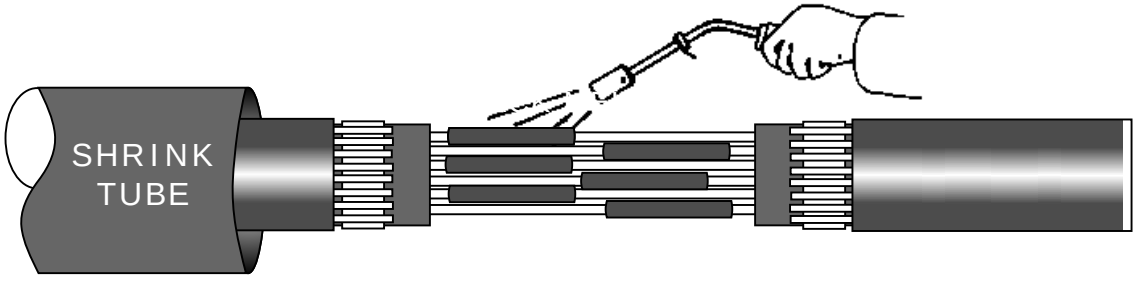

Fig 2

6. Position the small Shrink Sleeves centrally over the Connectors and with a suitable heat source, apply heat all around them until fully recovered.

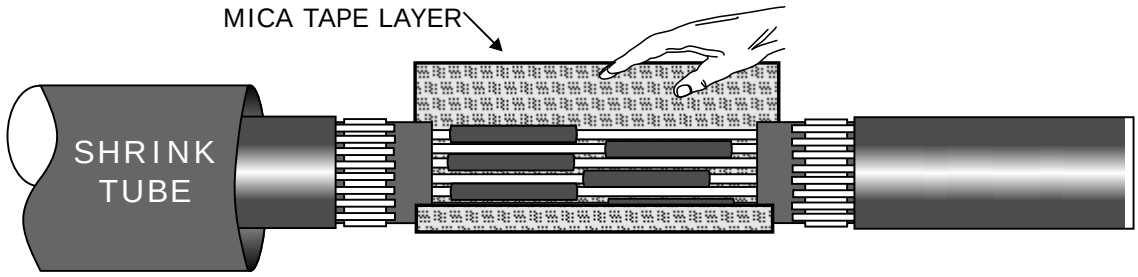

Fig 3

7. Take the piece of Mica Tape, remove the backing paper and apply longways across the joint gap so that overlaps the Cable Bedding at each side as shown above in Fig 3.

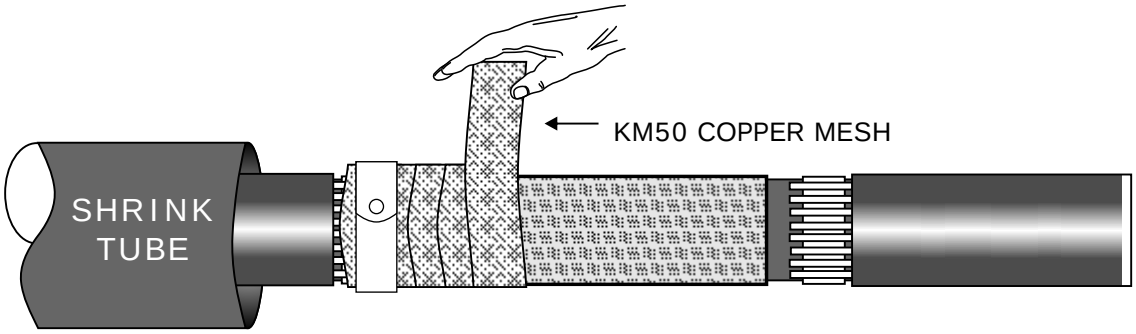

Fig 4

8. Apply two layers of the KM50 Tinned Copper Mesh across the joint gap with 50% overlap and secure at either end with either the Roll Springs as shown above.

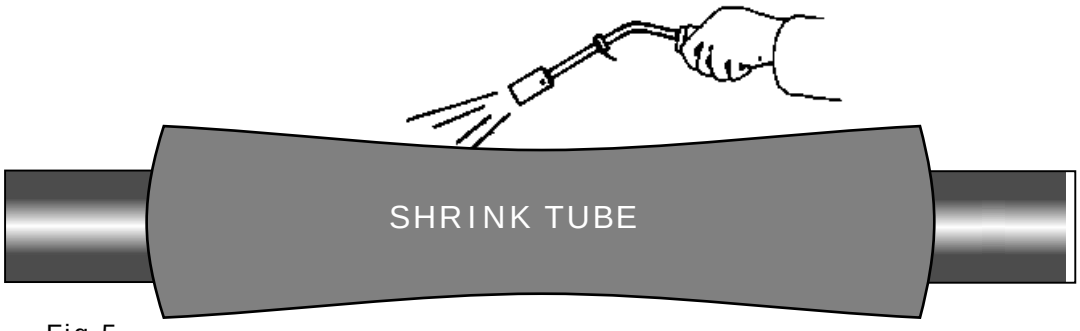

Fig 5

9. De-grease the outer sheath with the Tissues provided.

10. Position the Outer Shrink Tube centrally over the joint gap. With a suitable heat source, start shrinking from the centre to one end at a time. Keep the flame on the move to ensure an even wall thickness. Sealants should be visible at Tube ends.

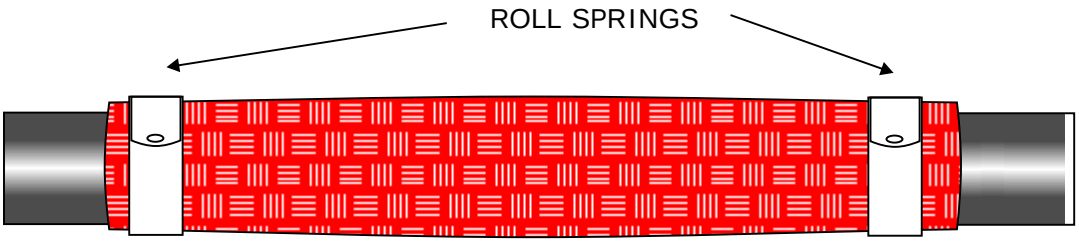

Fig 6

11. Slide the Red Silicone coated Fire Barrier Tube across the joint gap so that it overlaps equally distant at both sides. Secure at each side with a Stainless Steel Roll Spring as shown in Fig 6.

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