



# Shrink Polymer Systems

Cable Installation Materials – 24 volts to 36 kV

## INSTALLATION INSTRUCTION HEATSHRINK 'BOLT ON' TYPE CABLE GLAND TO SUIT 3 CORE ARMoured XLPE CABLES 7.2 TO 36kV REFERENCE NUMBERS: SPS 180 AND SPS 193

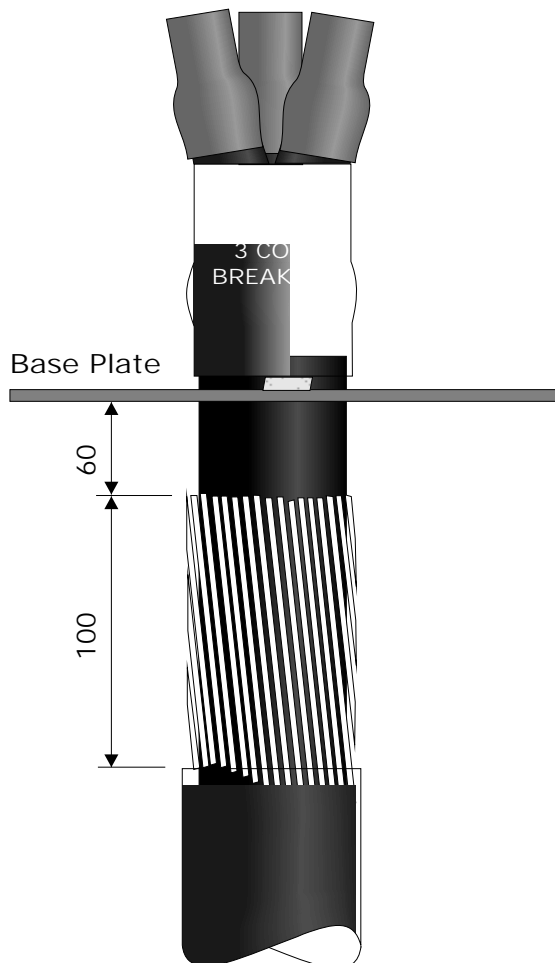


Fig 1

1. Before opening up the armour wires, ensure the shrink tube and the 2 x worm drive clamps are in position.

2. Open up the wire armours as shown in Fig 2.

3. Slide the metal gland body over the cable.

Note:- The gland body itself can in most cases be positioned after completing the cable termination.

If steel tape armoured cable, prepare to same dimensions shown in fig 1 and follow section 7 on page 2 of this instruction.

Note:- Fig 1 shows one possible configuration, in some situations it may be necessary to position the 3 leg boot body below the gland plate to gain space within the cable box.

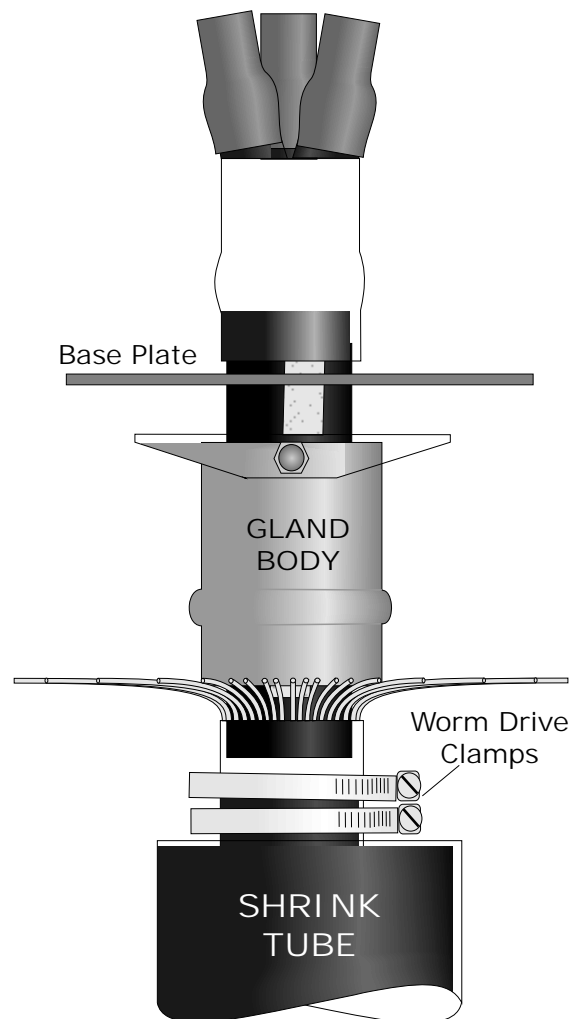


Fig 2

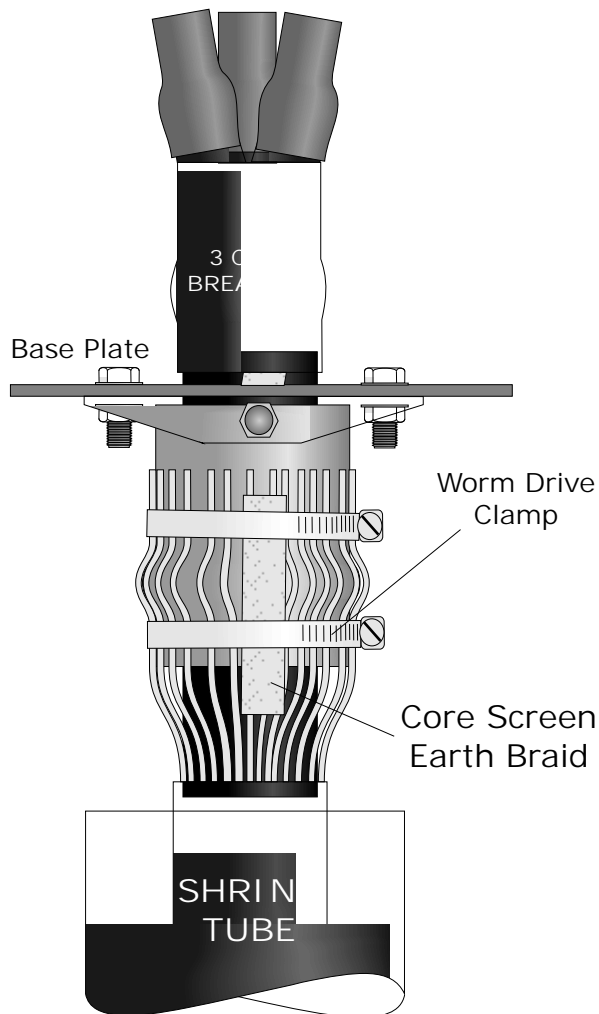


Fig 3

4. Complete the final connections of the termination before bolting the gland body in place.

5. Bend the armours back over the gland body.

6. Using the worm drive clamps connect the armours and screen earth braids to the gland body as shown in Fig 3. Ensure the clamps are tight.

7. Cover any sharp edges and the clamp buckles with PVC tape.

Note: if steel tape armoured, unwind the tape below the bottom of the gland and re-wrap around the gland body and secure with the worm drive clamps.

8. Abrade approx 50mm of cable sheath. Using the cleaning tissues provided, de-grease the area.

9. Position the shrink tube, and with a suitable heat source and starting from the top of the tube, shrink in place. Keep the flame moving around the tube to ensure an even smooth recovery.

Once fully shrunk sealant will be visible at the end/s.

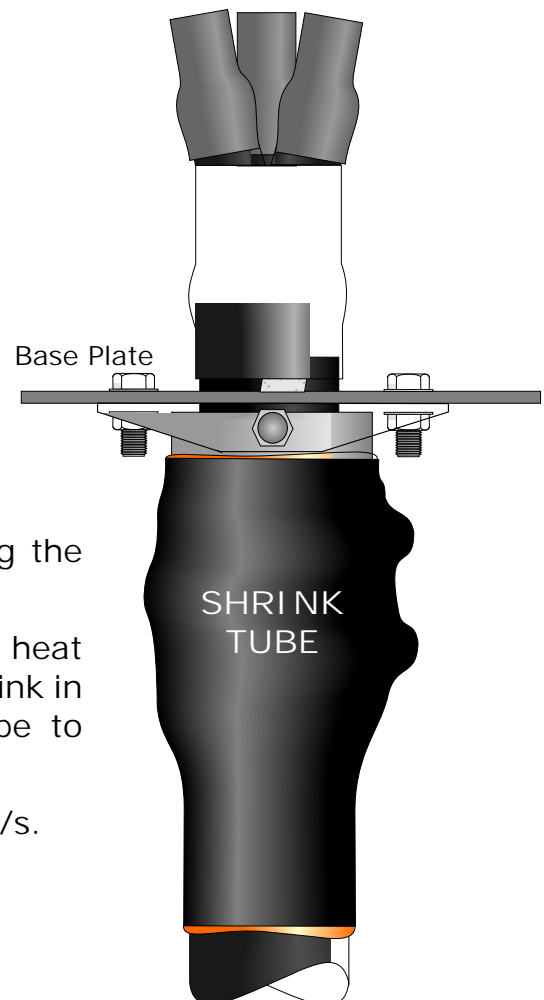


Fig 4

GLANDS ARE AVAILABLE FOR LOW SMOKE FUME (LSF) APPLICATIONS



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