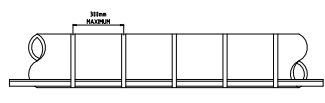
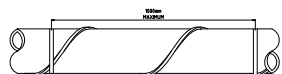


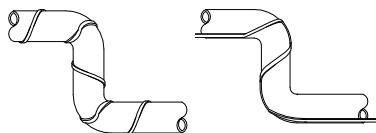
- Heating tape should be installed on clean, dry pipe free from burrs, weld splatter or any rough, sharp projections.
- Heating tape may be straight traced or spiralled along the pipe. If straight traced, the heating tape should be held in place with adhesive tape at 300mm intervals. For spiral tracing, fixing at 1m intervals is suitable.
- Use the correct adhesive tape suitable for the temperature application.
- A 30mA trip Residual Current Circuit Breaker (RCCB) or Earth Leakage Circuit Breaker (ELCB) is recommended for use with heating tapes.
- If in doubt about electrical installation consult a qualified electrician.
- Use mineral or glass fibre insulation and ensure that it is kept dry for maximum efficiency.
- Fit warning labels on the outside of thermal insulation at approximately 3-meter intervals.
- For PVC, ABS, Polythene and other 'Plastic' pipes use heating tape not exceeding 12 watts per meter and having an earth screen covering. It is recommended that heating tape be covered in 50mm wide adhesive aluminium foil. An RCC or ELCB unit must be used in conjunction with this type of installation.
- Circuit Breaker Type C to EN60898



**HEATING TAPE
STRAIGHT TRACED FIXED
AT MAX 300MM**

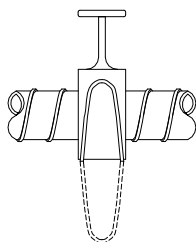


**HEATING TAPE SPIRALLY
TRACED FIXED AT
1000MM**

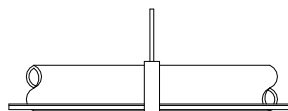


**WHEN SPIRAL TRACING KEEP TURNS
EVENLY SPACED**

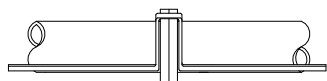
**STRAIGHT TRACE ALONG THE OUTSIDE
OF THE BENDS**



**VALVES MAY BE TRACED WITH EXTRA
TAPE TO ENABLE REMOVAL OF THE VALVE**



**HEATING TAPE SHOULD PASS
THROUGH PIPE MOUNTING
SUPPORTS WITH CLEARANCE**



**FLANGE HEATING LOSS CAN BE
COMPENSATED BY ADDITIONAL
TRACING**



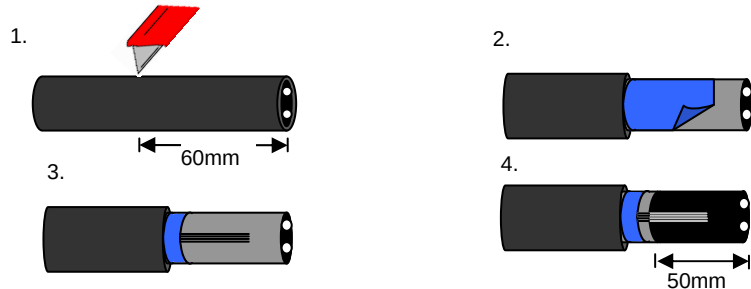
TERMINATING & FIXING INSTRUCTIONS

TYPE – IS – INLINE SPLICE JOINT

**ESH TRACE HEATING LTD
HAYBROOK, HALESFIELD 9
TELFORD, SHROPSHIRE. TF7 4QW
Tel (01952) 680266**

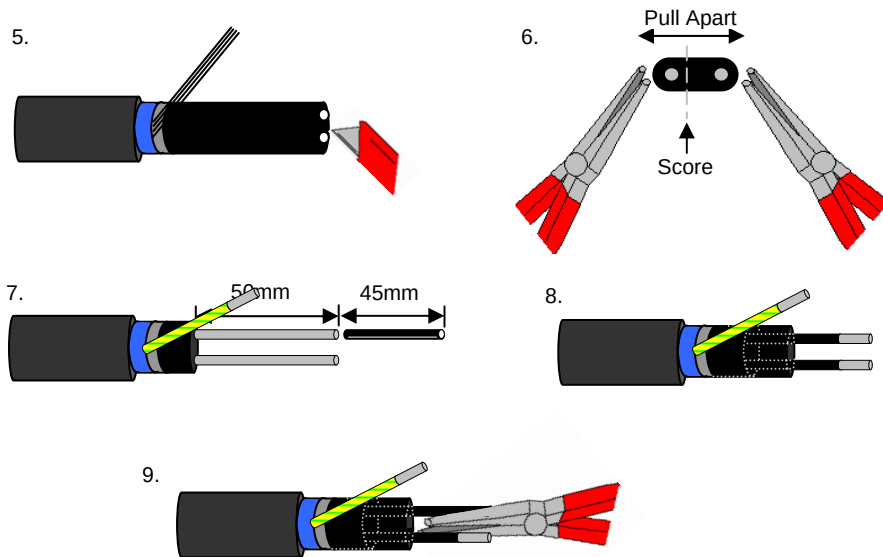
Email: enquiries@eshltd.com Web Site www.eshltd.com

TERMINATION INSTRUCTIONS



Cut off the required length of heating tape from roll allowing for integral cold leads.

- 1) At power termination end of tape prepare cold lead. Remove outer sheath for 60mm.
- 2) Remove the over sheath to expose the earth screen foil.
- 3) Remove earth screen foil back to expose the multi strand earth wire.
- 4) Remove jacket 50mm to expose the black internal core.



5) Make a small score down the internal side of the conductor wires, approx 5mm. **DO NOT CUT CONDUCTOR WIRES**

6) Grip either side of the score line with pliers and separate, repeat for the second conductor wire. Once both conductor wires are separated remove any remaining black internal core.

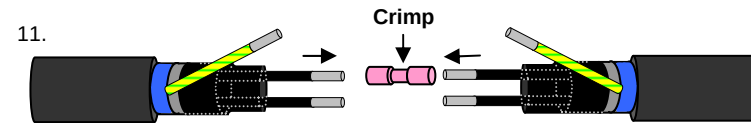
7) Slide a small black heat shrink length over each of the conductor wires and the green and yellow heat shrink length over the multi strand earth wire. Shrink with heat gun.

8) Slide the shorter length of 30mm long heat shrink (depending on cable size) over the two conductor wires and up to the earth wire. Shrink with heat gun.

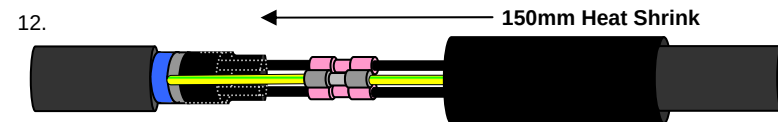
9) While the large heat shrink is still warm squeeze together between the conductor wires.

10. Repeat stages 1-9 on the end of the other heating tape.

Slide the 150mm length of heat shrink over one of the heating tapes.

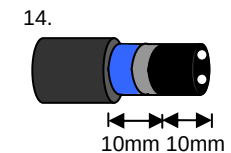
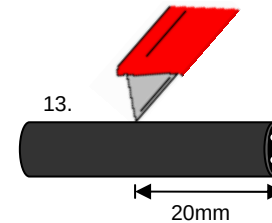


Use a Heat Gun to shrink the Crimp terminals after Crimping with a correct Tool. Repeat for both Bus wires and Earth connection



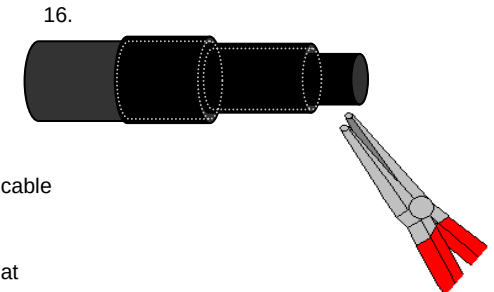
Slide Heat shrink over the terminations and shrink with a heat gun

REAR TERMINATIONS



13) Cut over sheath 20mm from the end of the tape.

14) Remove earth screen foil back and remove the multi strand earth wire. Remove jacket 10mm to expose the black internal core.



15) Slide one of the 45mm heat shrink (depending on cable size) over the end of the tape and overlap the outer jacket/over sheath. Shrink with heat gun.

16) While the large heat shrink is still warm squeeze flat together with pliers to seal end of tape.