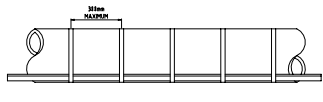


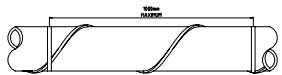
- Heating tape should be installed on clean, dry pipe free from burrs, weld splatter or any rough, sharp projections.
- Heating tape may be straight traced or spiralled along the pipe. If straight traced, the heating tape should be held in place with adhesive tape at 300mm intervals. For spiral tracing, 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 supplied 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



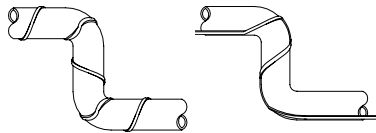
TERMINATING & FIXING INSTRUCTIONS
ESRS \ FBT \ H2OWAT SELF REGULATING
HEATING TAPE



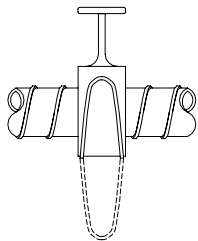
HEATING TAPE
STRAIGHT TRACED FIXED
AT MAX 300MM



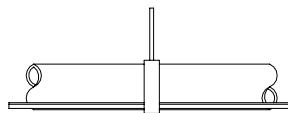
HEATING TAPE SPIRALLY
TRACED FIXED AT
1000MM



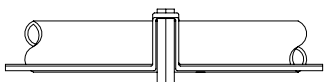
WHEN SPIRAL TRACING KEEP TURNS
EVENLY SPACED
STRAIGHT TRACE ALONG THE OUTSIDE
OF THE BENDS



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



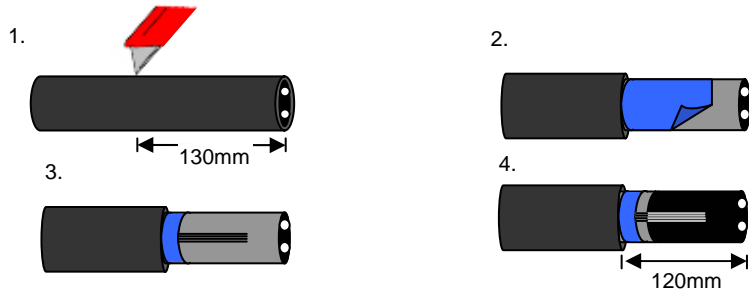
HEATING TAPE SHOULD PASS
THROUGH PIPE MOUNTING
SUPPORTS WITH CLEARANCE



FLANGE HEATING LOSS CAN BE
COMPENSATED BY ADDITIONAL
TRACING

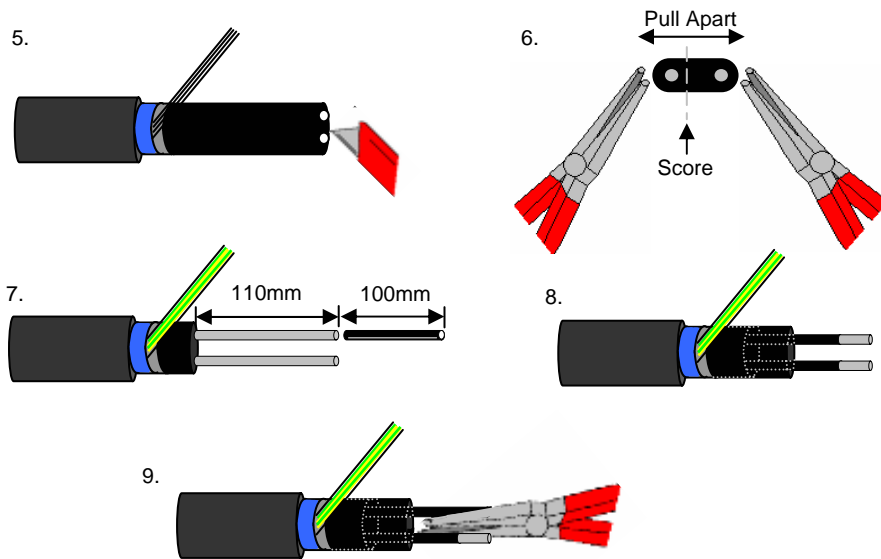
ESH TRACE HEATING LTD
UNIT 10, HORTONWOOD 33,
TELFORD, SHROPSHIRE. TF1 7EX
Tel (01952) 604033 Fax (01952) 608122
Email: enquiries@eshltd.com Web Site www.eshltd.com

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 130mm.
- 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 120mm 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**

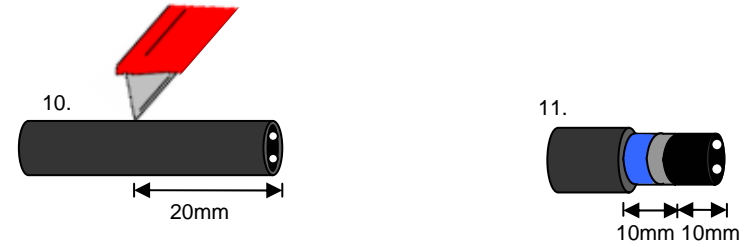
6) Grip either side of the score line with pliers and separate, repeat for the second conductor wire. Once both conductor wires are separated remove any remaining black internal core.

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 large heat shrink 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.

REAR TERMINATIONS

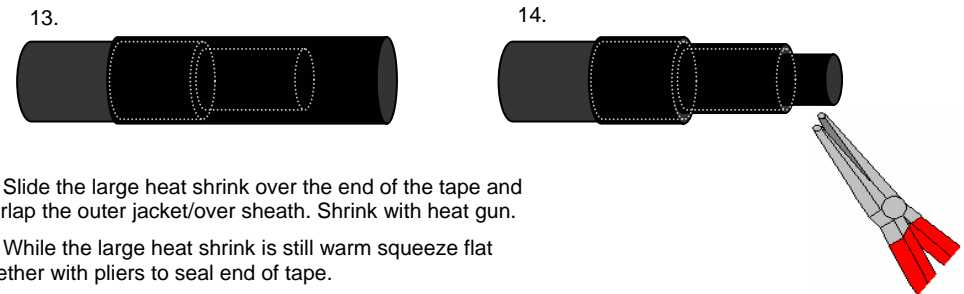


10) Cut over sheath 20mm from the end of the tape.

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

12) For Heat shrink back end termination go to 1) HEAT SHRINK. For gel filled back end termination go to 2)

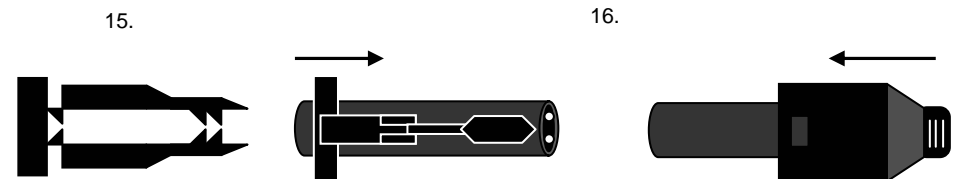
1) HEAT SHRINK BACK END



13) Slide the large heat shrink over the end of the tape and overlap the outer jacket/over sheath. Shrink with heat gun.

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

2) GEL SEAL BACK END [SOLD SEPERATELY Ref DHB400]



15) Push the heating tape through the jaws.

16) Push the gel filled end on to the internal jaws until secure

All FBT, FBTB, FBTBOJ and H2OWAT self limiting heating tapes are fully compatible with the fast connection DOMOCLICK® system.