

- 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 Device (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.

**Maximum Recommended Pipe Temperature °C**

Tape type	°C
VC8/240	190
VC12/240	175
VC16/240	160
VC20/240	145
VC30/240	100
VC38/240	90

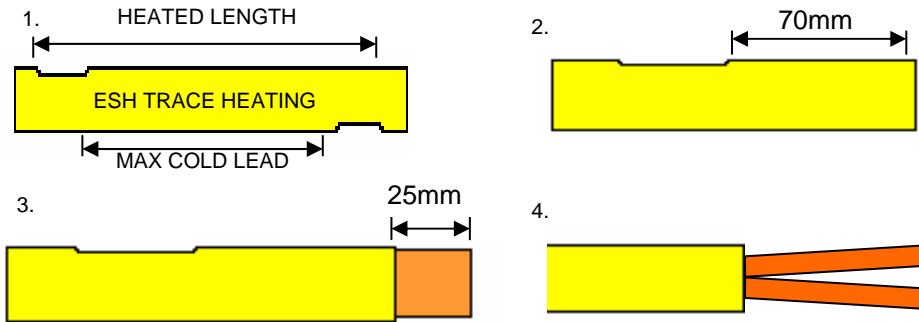
**VC TAPE AND THERMOSTATS**

<b>VC</b>	<b>8, 12, 16, 20, 30, 38 watt/meter</b>
<b>VCB</b>	<b>8, 12, 16, 20, 30, 38 watt/meter</b>
<b>VCBOJ</b>	<b>8, 12, 16, 20, 30, 38 watt/meter</b>
<b>JBTA</b>	<b>0°C to 90°C</b>
<b>JBT1</b>	<b>0°C to 90°C</b>
<b>JBT3</b>	<b>35°C to 210°C</b>
<b>STC</b>	<b>0°C to 90°C</b>
<b>STCI</b>	<b>0°C to 90°C</b>

**TERMINATING & FIXING INSTRUCTIONS  
Type JBVC****JOINT BOXES FOR VC HEATING TAPE**

**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



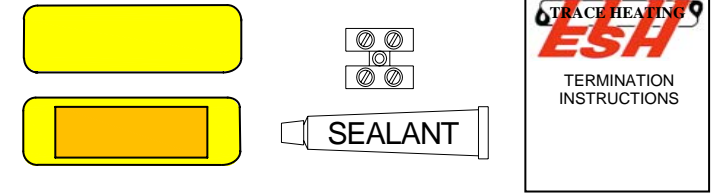
- 1) Cut off the required length of heating tape from roll allowing one full heater zone for integral cold leads.
- 2) Cut heating tapes 70mm after last notch.
- 3) Strip off 25mm of outer insulation.
- 4) Separate conductors using a sharp knife, by cutting down the centre of the inner core.



- 5) Strip ends of conductor insulation to expose conductor wires.
- 6) Push heating tapes into joint and fit into terminal block.
- 7) Apply silicone adhesive to inside of the joint here the heating tape exits.
- 8) Apply silicone adhesive to the lid of the joint box.
- 9) Fit to the joint box and fix in place using fixing tape (sold separately).

## CONTENTS

### JBVC2

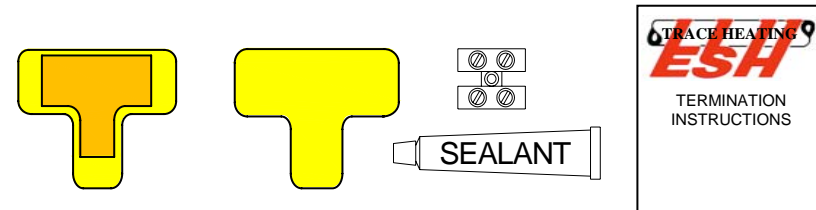


MOULDED 2 WAYJOINT BOX: X 1  
15A TERMINAL BLOCK: X 1

MOULDED LID: X 1  
SILICONE SEALANT: X 1

TERMINATION INSTRUCTIONS

### JBVC3

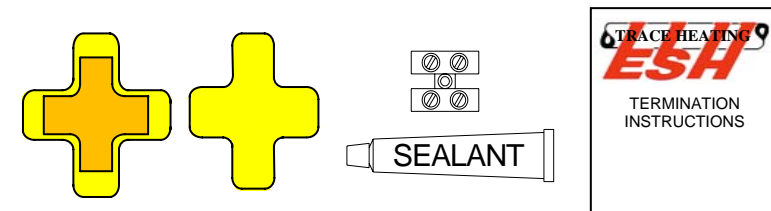


MOULDED 3 WAYJOINT BOX: X 1  
15A TERMINAL BLOCK: X 1

MOULDED LID: X 1  
SILICONE SEALANT: X 1

TERMINATION INSTRUCTIONS

### JBVC4



MOULDED 4 WAYJOINT BOX: X 1  
15A TERMINAL BLOCK: X 1

MOULDED LID: X 1  
SILICONE SEALANT: X 1

TERMINATION INSTRUCTIONS