

KUTERLEX PLUS

PLASTIC COATED COPPER TUBE

- BS EN 13349
- BS EN 1057



Kuterlex Plus copper tube is sheathed in a continuous LDPE cover that has air channels on the internal surface. Kuterlex Plus is primarily designed to give the tube enhanced protection from external attack. In addition, the cover creates a thermal barrier which reduces heat loss from buried tube and condensation on exposed cold pipework. It has an insulation factor of 0.29 W/m/K.

STANDARD FEATURES

- Cu-DHP grade copper
- Manufactured in accordance with BS EN 13349 (specification for covered copper tube)
- Copper tube to BS EN 1057
- BSi Kitemark licensed (copper tube)

GUARANTEE

- 25 year guarantee against product failure directly attributable to a manufacturing defect

BENEFITS

- Reduces installation time
- Protects the copper tube against aggressive materials
- Protects the copper tube against accidental damage and abrasion
- Plastic covering withstands water service temperatures up to 95°C
- Covering remains flexible down to -60°C
- Reduces condensation on exposed pipework (see graph 1)
- Reduces surface temperature of the tube (see graph 2), thereby minimising the risk of burns or scalding
- Reduces noise level in exposed pipework
- Removes the need to paint exposed pipework

TYPICAL APPLICATIONS

- Hot water systems
- Underground pipework including contaminated ground
- Pipework installed in concrete
- Humid atmospheres

DESIGN, INSTALLATION AND USE

- All products should be designed, installed and used in accordance with appropriate specifications or codes of practice and/or Yorkshire Copper Tube technical recommendations



BS EN 1057



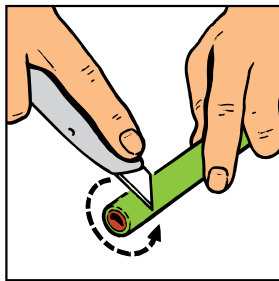
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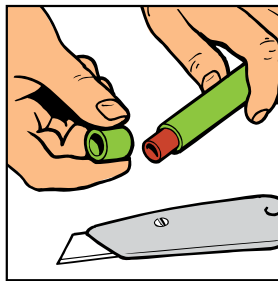
YORKSHIRE

Jointing Guide For Kuterlex and Kuterlex Plus

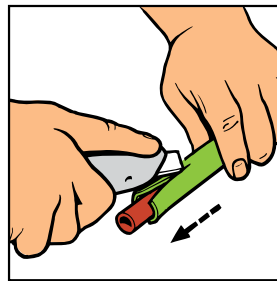
Capillary Jointing



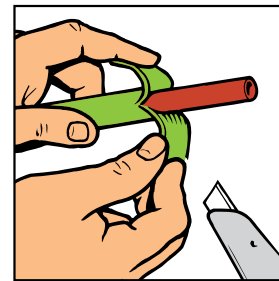
1. Make circular incision in plastic cover.



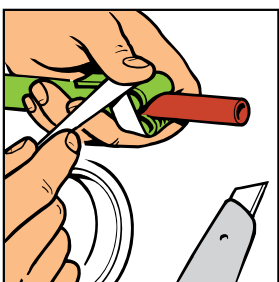
2. Remove the cut plastic from the end of the tube.



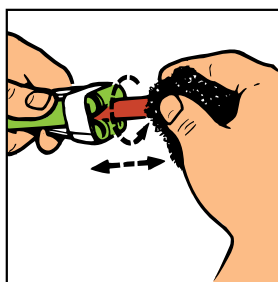
3. Make the incision in plastic along tube.



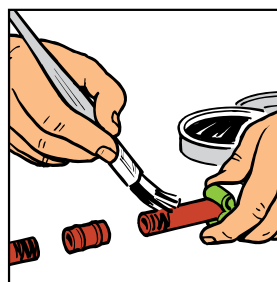
4. Peel back the plastic cover carefully.



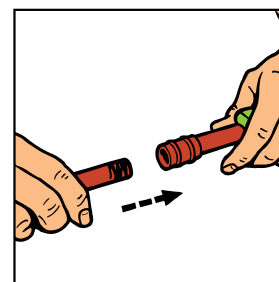
5. Secure the spliced plastic cover with tape.



6. Clean tube and fitting with a suitable abrasive pad.



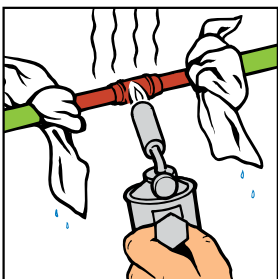
7. Apply Flux.



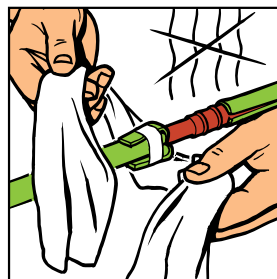
8. Connect tube and fitting.



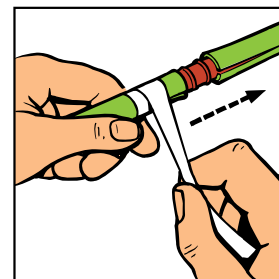
9. Wrap exposed plastic with a damp cloth.



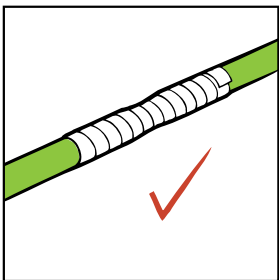
10. Heat with blow lamp.



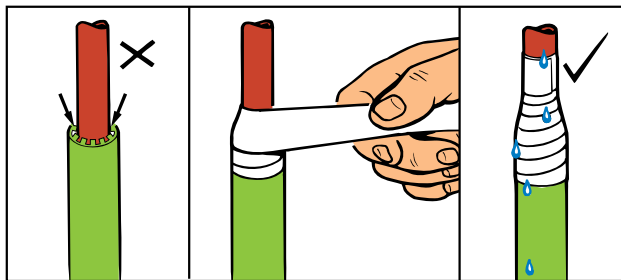
11. When cooled remove damp cloth and re-position plastic.



12. Secure with tape.



13. The finished joint.



14. Exposed ends should be sealed with tape.

HEAT-FREE JOINTING

When using heat free fittings, sufficient plastic cover should be removed to allow insertion of the tube up to the tube stop (see pictures 1 & 2 above).

When the joint is complete, the exposed pipework must be completely protected by spirally wrapping the jointed region with waterproof, adhesive,