



proquip
D I R E C T L T D

SUBMERSIBLE CABLE JOINT KIT FOR BOREHOLE PUMPS

Three kits available –
for 1.5 to 6mm², 10 to 16mm² & 25mm² Cables

EACH KIT CONTAINS : -

Adhesive-Lined Heat-Shrink Tubing
(400mm)
4 x Heat-Shrink Cable Crimps
Sealing Mastic (1.5m roll)
Emery Cloth (120 grit)
PVC Tape (5m)
Electro-Wipes
Ruler

All supplied as a complete packaged kit
with comprehensive instructions

STANDARD WORKSHOP EQUIPMENT REQUIRED : -

Sharp Knife Wire Cutters
Crimping Tool Heat Gun



PROCEDURE : -

1. Read and understand the **full instructions supplied with the kit.**
2. Trim motor & power cables to remove any damaged ends and cut the outer sheath back to expose individual cores.
3. Using the emery cloth and electro-wipes scour / clean all cable surfaces to ensure correct adhesion of the mastic and sleeve.
4. Cut individual cores to lengths indicated on the dimensioned sketch provided - the ruler can be used to check dimensions.
5. Place the outer heat-shrink sleeve over the power cable and slide clear of the working area.
6. Strip back the inner sheath from each core and join them using the cable crimps – ensuring that cable colours match correctly.
7. Work the mastic between/round the cores and fully into the joint to exclude any air pockets before rolling it to a neat 'sausage'.
8. Starting on the outer sheath of the motor tail, wrap the PVC tape around the joint until it is fully enclosed.
9. Centralise the heat-shrink sleeve over the joint and heat until the whole sleeve has shrunk to the a tight fit on the cable & joint.

Note : Modified procedures for motors with individual tails are fully detailed in the kit instructions.

Proquip Direct Limited, Park Road Works, 125, Park Road, Beckenham, Kent. BR3 1QJ

tel : 020 8639 0377 fax : 020 8639 0379

e-mail : sales@proquipedirect.com web : www.proquipedirect.com

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