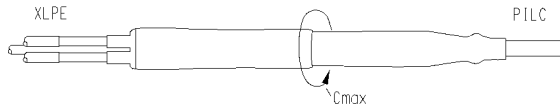
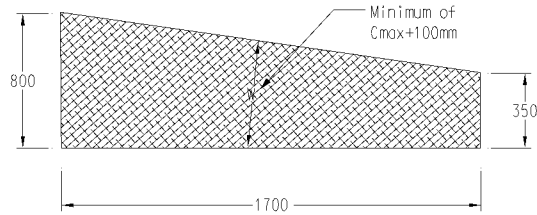


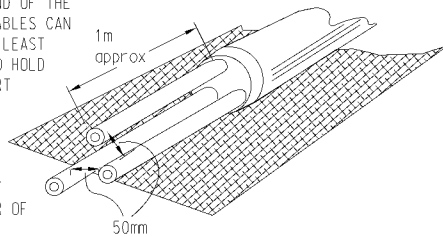
1. MEASURE MAXIMUM CIRCUMFERENCE OF JOINT - C_{max}



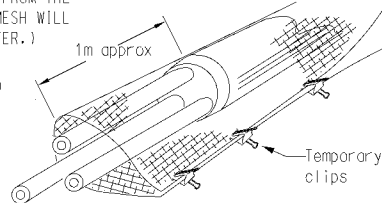
2. MARK THE MESH FOR CUTTING TO THE DIMENSION SHOWN. CHECK THAT DIMENSION "W" AT THE MID POINT IS EQUAL TO OR GREATER THAN $C_{max}+100mm$. CUT THE MESH.



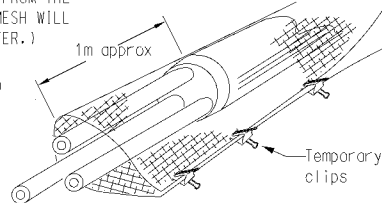
3. START AT THE XLPE CABLE END ABOUT 1m FROM THE END OF THE JOINT - WHERE THE CABLES CAN BE SPREAD APART AT LEAST 50mm. USE BLOCKS TO HOLD THE XLPE CABLES APART AND IN A TREFOIL ARRANGEMENT. SUPPORT BOTH XLPE AND PILC ENDS ON BLOCKS SO THAT JOINT AND CABLES ARE CLEAR OF THE TRENCH BOTTOM.



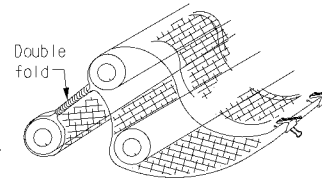
4. PLACE THE TERMIMESH SHEET UNDER THE JOINT, WITH THE WIDEST END UNDER THE XLPE CABLES ABOUT 1m FROM THE END OF THE JOINT. (THE MESH WILL BE MOVED TO THE JOINT LATER.)



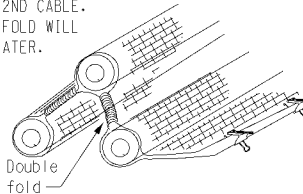
5. WRAP THE TERMIMESH AROUND THE XLPE CABLES AND TEMPORARILY SECURE AT THE LONGITUDINAL JOIN WITH METAL STATIONERY FOLDBACK CLIPS.



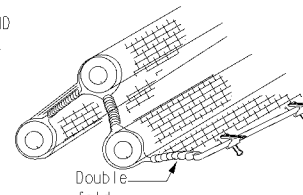
6. STARTING AT THE SIDE OPPOSITE THE LONGITUDINAL JOIN, FORM THE MESH NEATLY AND AS TIGHTLY AS POSSIBLE AROUND THE OUTERMOST XLPE CABLE. THEN DO A DOUBLE (OR TRIPLE IF POSSIBLE) FOLD BETWEEN THE 1ST AND 2ND CABLE. NOTE THAT THE ENDS OF THE FOLD WILL BE SECURED UNDER A CLAMP LATER.



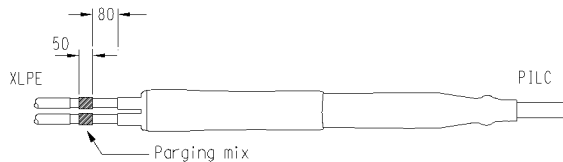
7. FORM THE MESH NEATLY AROUND THE 2ND CABLE. THEN DO A DOUBLE (OR TRIPLE IF POSSIBLE) FOLD BETWEEN THE 2ND AND 3RD CABLE.



8. FORM THE MESH NEATLY AROUND THE 3RD CABLE AND COMPLETE THE FOLD TO THE CORNER OF THE REMAINING MESH.



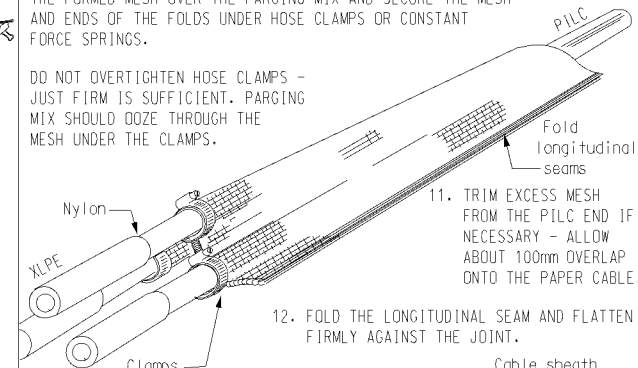
9. APPLY TERMIMESH PARGING MIX AROUND THE NYLON JACKETS OF THE XLPE CABLES - DON'T USE TOO MUCH.



10. CAREFULLY SLIDE THE MESH TOWARDS THE CABLE JOINT UNTIL THE SHAPED MESH IS OVER THE EXPOSED NYLON JACKETS OF THE XLPE CABLES.

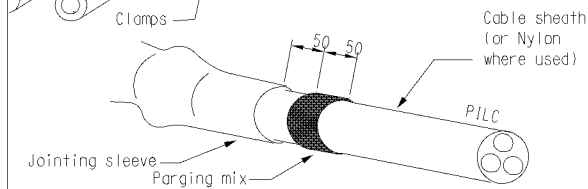
FLATTEN THE MESH AND FOLDS AGAINST THE NYLON JACKETS. NOW SLIDE THE FORMED MESH OVER THE PARGING MIX AND SECURE THE MESH AND ENDS OF THE FOLDS UNDER HOSE CLAMPS OR CONSTANT FORCE SPRINGS.

DO NOT OVERTIGHTEN HOSE CLAMPS - JUST FIRM IS SUFFICIENT. PARGING MIX SHOULD OOOZE THROUGH THE MESH UNDER THE CLAMPS.

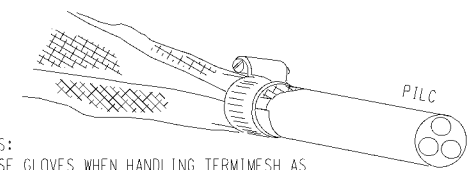


11. TRIM EXCESS MESH FROM THE PILC END IF NECESSARY - ALLOW ABOUT 100mm OVERLAP ONTO THE PAPER CABLE.

12. FOLD THE LONGITUDINAL SEAM AND FLATTEN FIRMLY AGAINST THE JOINT.



13. APPLY PARGING MIX TO THE PAPER CABLE SHEATH (OR NYLON WHERE USED). FORM A BOX PLEAT (SEE DRG S2-2-22) AND SECURE WITH A HOSE CLAMP (FIRM BUT NOT TIGHT) OR A CONSTANT FORCE SPRING. PARGING MIX SHOULD OOOZE THROUGH THE MESH UNDER THE CLAMP.



NOTES:

- USE GLOVES WHEN HANDLING TERMIMESH AS THE FINE WIRES CAN ABRASE SKIN.
- THE METHOD OF JOINTING, FOLDING AND CLAMPING TERMIMESH IS CRITICAL TO ENSURE THAT THE TERMITE BARRIER CANNOT BE BREACHED.
- REFER JOINT DRAWINGS S2-2-27 or 30 FOR CABLE PREPARATION AND JOINT INSTRUCTIONS.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					



DES	JEH/ICV 09/96
DRN	R. INNES
CKD	-
APPD	F. ROBSON
SCALE	NO SCALE
ISSUED	MAY '98
ALL DIM.	IN mm

POWER STANDARD DRAWING	
CABLE JOINTING & TERMINATIONS	
TERMIMESH APPLICATION	
11KV PILC - XLPE JOINT	
DRAWING NUMBER	S02-2-33
DRAFTING STANDARD TO A.S.1100	CAD PRODUCT - DO NOT AMEND MANUALLY

