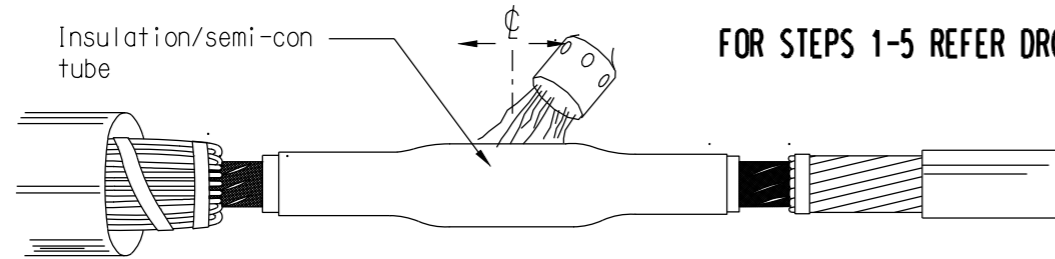


**STEP 6**

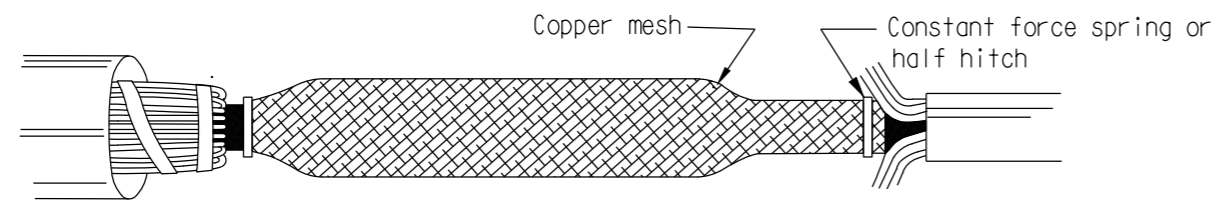


FOR STEPS 1-5 REFER DRG S2-2-2-25

CLEAN THE STRESS CONTROL TUBE - AND THEN DON'T TOUCH IT WITH YOUR FINGERS.

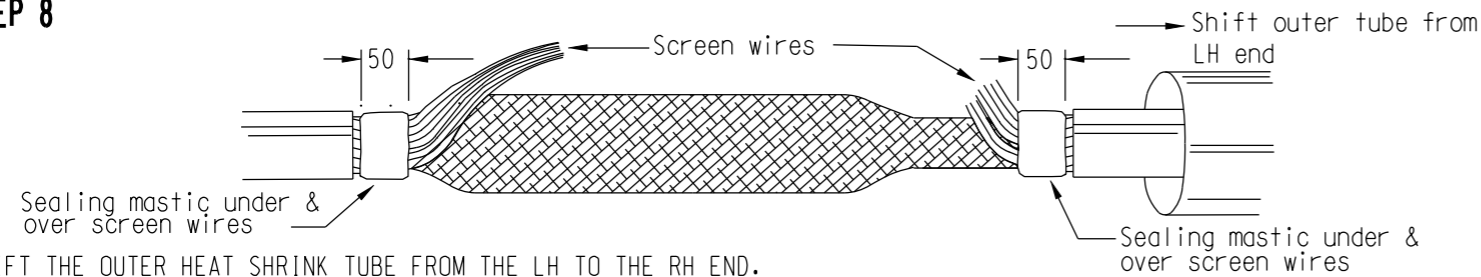
PLACE THE RED/BLACK INSULATION/SEMI-CONDUCTING TUBE CENTRALLY OVER THE JOINT. START SHRINKING THE SLEEVE IN THE CENTRE, THEN CHECK IT IS FULLY SHRUNK BY TWISTING ONE END - IT SHOULD NOT MOVE. SHRINK THE TUBE TOWARDS ONE END STOPPING 50mm FROM THE END AND THEN SIMILARLY TOWARDS THE OTHER END. THEN SHRINK DOWN THE FIRST END & FINALLY THE SECOND. APPLY HEAT EVENLY THROUGHOUT THE PROCESS. (Smoke now is OK.)

**STEP 7**



APPLY 2 HALF LAPPED LAYERS OF TINNED COPPER MESH (DON'T STRETCH IT) OVER THE JOINT EXTENDING 10mm OVER THE CABLE SEMI-CON AT THE LEFT HAND END AND ABOUT 120mm AT RIGHT HAND END. SECURE WITH A CONSTANT FORCE SPRING OR A HALF-HITCH AT EACH END.

**STEP 8**

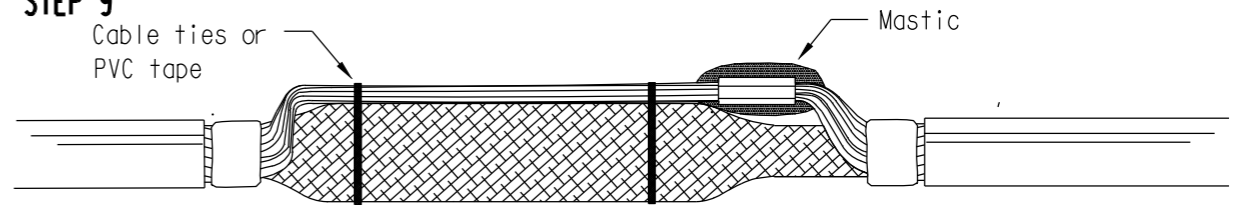


SHIFT THE OUTER HEAT SHRINK TUBE FROM THE LH TO THE RH END.

AT THE RH END LIFT THE SHORT SCREEN WIRES AND APPLY A MASTIC MOISTURE BARRIER 50 WIDE AROUND THE CABLE SEMI-CON WHERE THE SCREEN WIRES EMERGE FROM THE CABLE SHEATH. SHAPE THE WIRES FOR THE CONNECTOR AND PRESS THE WIRES INTO THE MASTIC. APPLY ANOTHER LAYER OF MASTIC OVER THE WIRES AND PRESS IN.

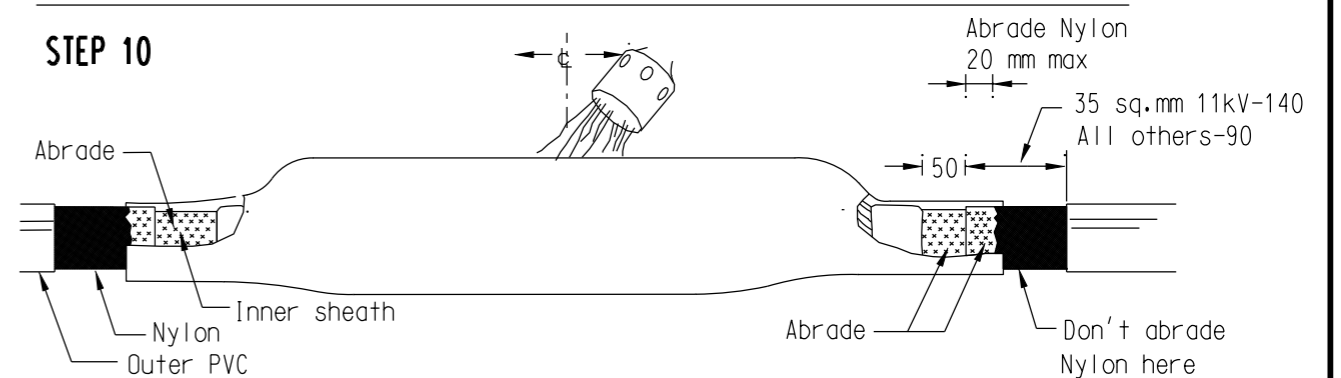
AT THE LH END APPLY A MASTIC MOISTURE BARRIER 50 WIDE AROUND THE CABLE SEMI-CON WHERE THE SCREEN WIRES EMERGE FROM THE CABLE SHEATH AND ENDING ON THE COPPER MESH. BEND THE SCREEN WIRES FORWARD, STRAIGHTEN, AND PRESS INTO THE MASTIC. APPLY ANOTHER LAYER OF MASTIC OVER THE WIRES AND PRESS IN.

**STEP 9**



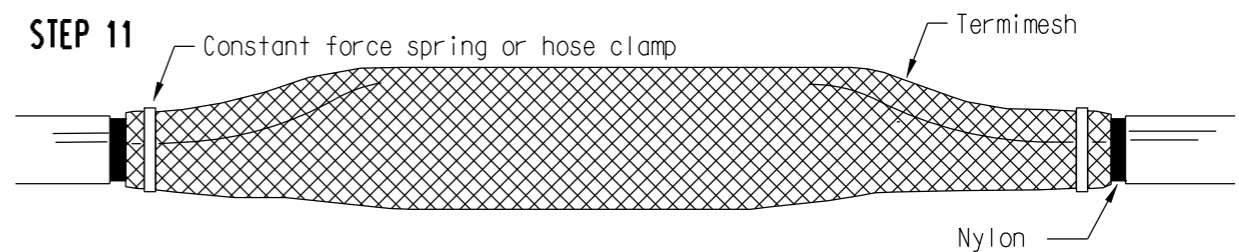
TWIST THE SCREEN WIRES TOGETHER AND POSITION THE SCREEN CONDUCTORS ALONG THE OUTSIDE OF THE JOINT AND CONNECT WITH THE APPROPRIATE CONNECTOR AND DIE. CLEAN OFF EXCESS GREASE, REMOVE SHARP EDGES AND BURRS. MOULD MASTIC AROUND THE CONNECTOR AND BIND THE SCREEN CONDUCTOR TO THE JOINT WITH CABLE TIES OR PVC TAPE.

**STEP 10**



REMOVE THE OUTER PVC SHEATH AND NYLON TERMITE BARRIER TO THE DIMENSIONS SHOWN. LIGHTLY ABRADE THE INNER SHEATH AND THE NYLON TO THE DIMENSIONS SHOWN. NOTE THAT THE NYLON WHICH WILL BE EXPOSED BEYOND THE ENDS OF THE HEAT SHRINK TUBE MUST NOT BE ABRADED. POSITION THE OUTER HEAT SHRINK TUBE LEAVING EQUAL LENGTHS OF THE CABLE'S NYLON JACKET EXPOSED AT EACH END FOR THE TERMIMESH BARRIER. STARTING AT THE CENTRE SHRINK THE TUBE TOWARDS ONE END AND THEN TOWARDS THE OTHER END UNTIL FULLY SHRUNK. APPLY HEAT EVENLY THROUGHOUT THE PROCESS. ALLOW THE JOINT TO COOL BEFORE APPLYING ANY MECHANICAL STRAIN.

**STEP 11**



APPLY THE TERMIMESH TERMITE BARRIER AS SHOWN IN DRAWING S2-2-2-22 FOR TERMIMESH SIZES SEE TABLE IN STEP 2

NO	DESCRIPTION	DRN	DATE	CKD	APPD
2	SUPERSEDED	A.T.	DEC'12	B.C.	B.C.
1	DRAWING FRAME & TEXT MODIFIED.	R.G.I.	MAY'98	-	F.R.R.
AMENDMENTS					



DES	-	POWER STANDARD DRAWING		
DRN	J.A.L.	<b>CABLE JOINTING &amp; TERMINATIONS</b> <b>RAYCHEM JOINTING INSTRUCTIONS</b> <b>11/22kV XLPE CABLE</b>		
CKD	A.T.			
APPD	P.J.D.			
SCALE	NO SCALE			
ISSUED	DEC'95	A3	DRAWING NUMBER	S02-2-2-26
ALL DIM.	IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT