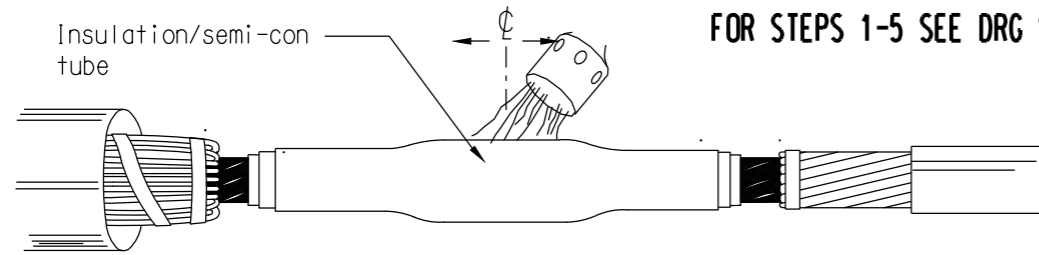


**STEP 6**



FOR STEPS 1-5 SEE DRG S2-2-2-23

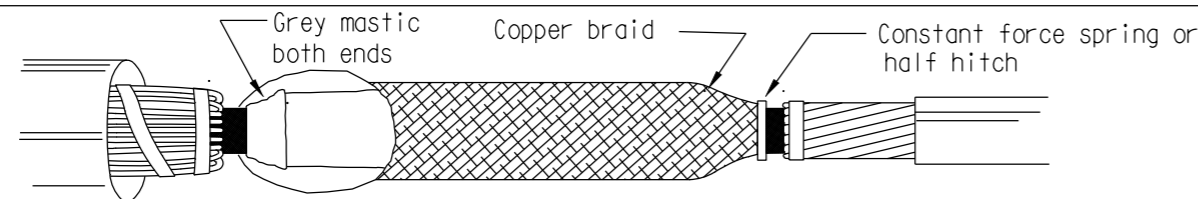
CLEAN THE STRESS CONTROL TUBE USING THE CLEANING PAD PROVIDED, AND THEN DON'T TOUCH IT WITH YOUR FINGERS.

FOR COMBINED 11/22kV KITS:

PLACE THE YELLOW INSULATION TUBE CENTRALLY OVER THE JOINT. 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. CLEAN USING THE CLEANING PAD PROVIDED - THEN DON'T TOUCH IT.

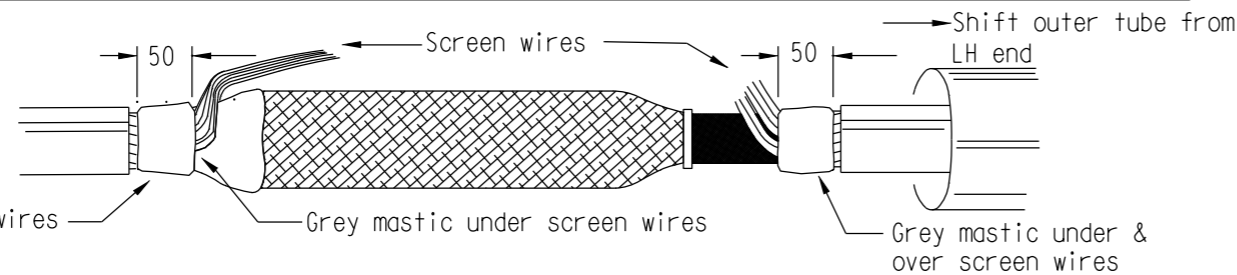
PLACE THE YELLOW/BLACK INSULATION/SEMI-CONDUCTING TUBE CENTRALLY OVER THE JOINT. STARTING AT THE CENTRE SHRINK THE TUBE TOWARDS ONE END AND THEN TOWARDS THE OTHER END UNTIL FULLY SHRUNK. APPLY HEAT EVENLY THROUGHOUT THE PROCESS. (Smoko now is OK.)

**STEP 7**



CLEAN THE ENDS OF THE TUBES THOROUGHLY WITH THE CLEANING PADS SUPPLIED. APPLY THE GREY MASTIC TAPE, STRETCHING TO HALF ITS WIDTH, OVER THE ENDS OF THE TUBES COVERING 10mm MAXIMUM OF THE CABLE SEMI-CON AND FINISHING 10mm ONTO THE LARGEST TUBE. APPLY A HALF LAPPED LAYER OF TINNED COPPER BRAID (DON'T STRETCH IT) OVER THE JOINT EXTENDING 15mm OVER THE CABLE SEMI-CON AT EACH END. SECURE WITH A CONSTANT FORCE SPRING OR A HALF-HITCH AT EACH END.

**STEP 8**

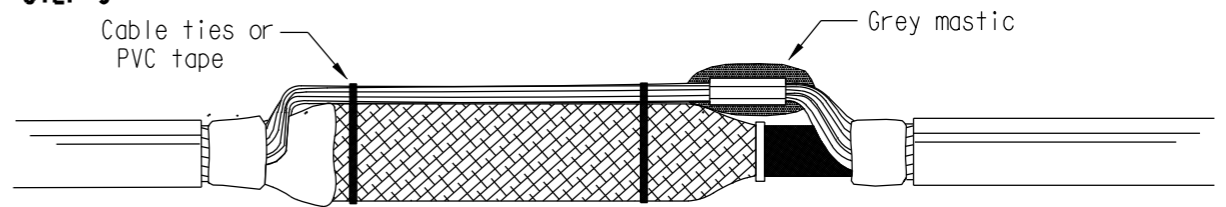


SHIFT THE OUTER HEAT SHRINK TUBE FROM THE LH TO THE RH END.

AT THE RH END LIFT THE SHORT SCREEN WIRES AND APPLY A GREY MASTIC MOISTURE BARRIER 50mm 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 GREY MASTIC OVER THE WIRES AND PRESS IN.

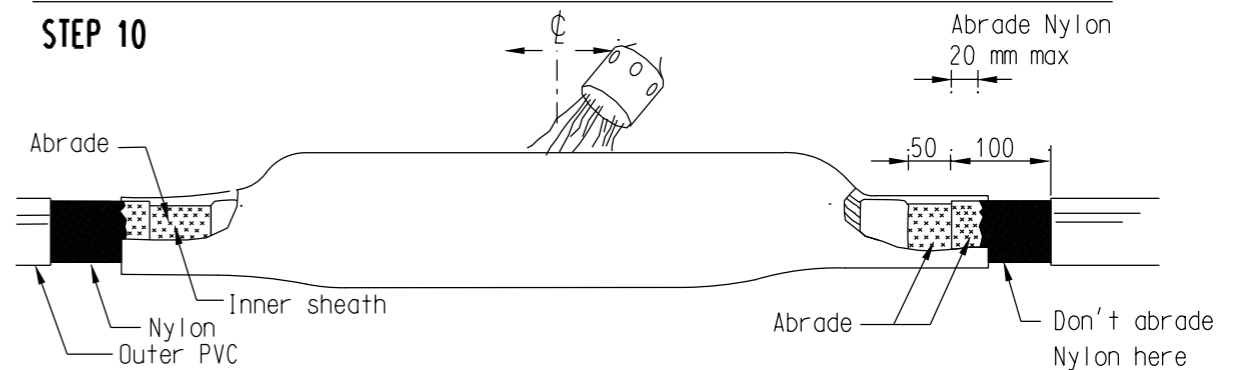
AT THE LH END APPLY A GREY MASTIC MOISTURE BARRIER AROUND THE CABLE SEMI-CON WHERE THE SCREEN WIRES EMERGE FROM THE CABLE SHEATH. CONTINUE THE MASTIC OVER THE BRAID FINISHING 10mm ONTO THE TUBE SET. BEND THE SCREEN WIRES FORWARD, STRAIGHTEN, AND PRESS INTO THE MASTIC. APPLY ANOTHER LAYER OF GREY MASTIC 50mm WIDE 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 GREY MASTIC AROUND THE CONNECTOR AND BIND THE SCREEN CONDUCTOR TO THE JOINT WITH CABLE TIES OR PVC TAPE.

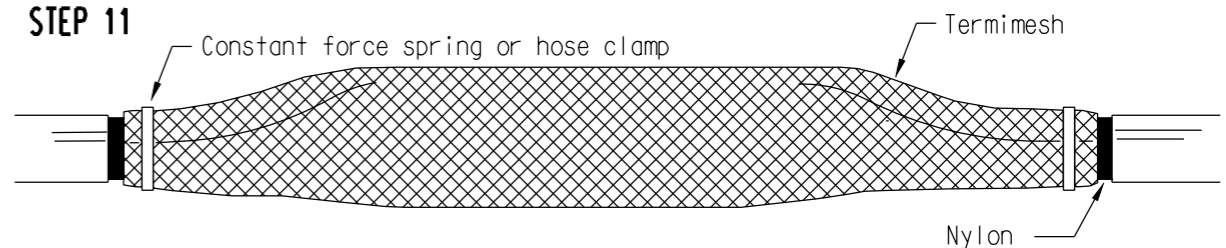
**STEP 10**



REMOVE THE OUTER PVC SHEATH AND NYLON TERMITE BARRIER TO THE DIMENSIONS SHOWN. LIGHTLY ABRADE THE INNER SHEATH AND THE NYLON AS 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
1	SUPERSEDED	A. T.	DEC '12	B. C.	B. C.
AMENDMENTS					



DES	-	POWER STANDARD DRAWING		
DRN	J.A.L.	CABLE JOINTING & TERMINATIONS		
CKD	A.T.	SIGMAFORM JOINTING INSTRUCTIONS (SHEET 2 OF 2)		
APPD	P.J.D.	11/22kV XLPE CABLE		
SCALE	N.T.S.	A3	DRAWING NUMBER	S02-2-2-24
ISSUED	DEC '95			
ALL DIM.	IN mm	DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY

