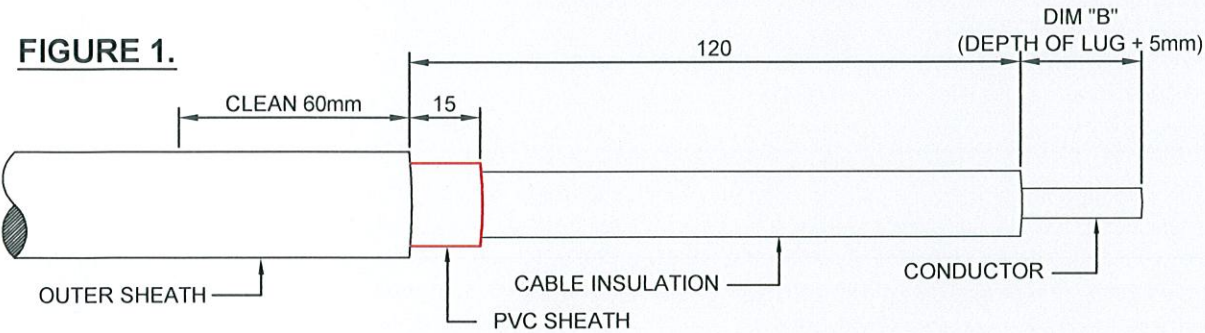
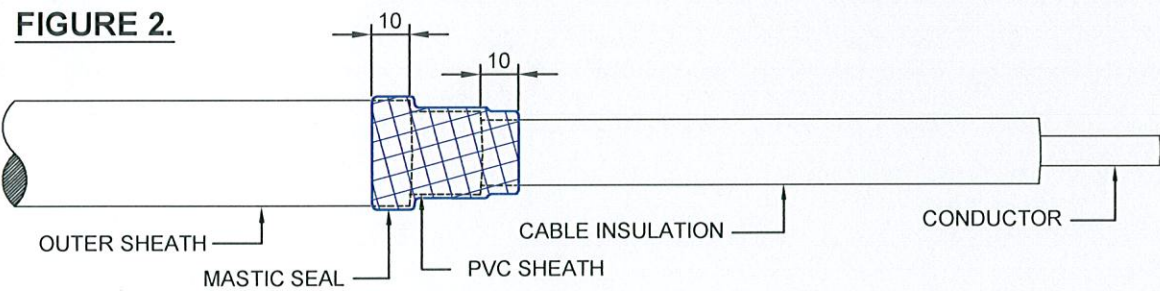


A. PREPARE CABLE:

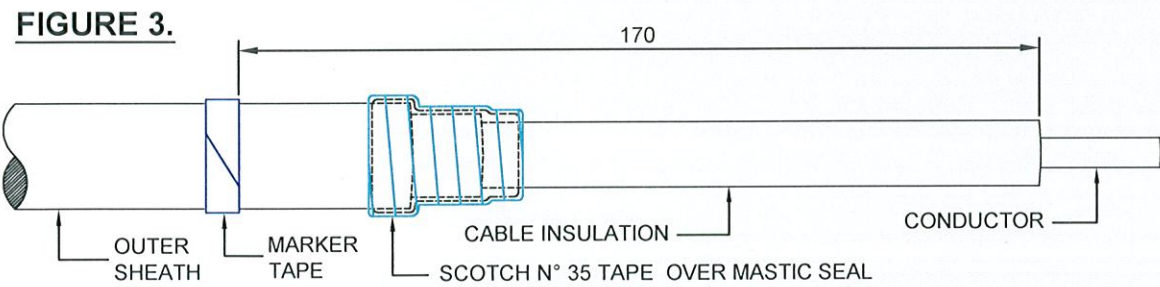
1. Train the cable into position and cut to the length required for installation.
Note: measure accurately all the dimensions on this procedure.
2. Remove the cable outer sheath at a distance of 120mm + DIM "B" (internal depth of barrel lug + 5mm).
3. Starting 15mm above the outer sheath cut, remove the PVC sheath.
4. Remove the cable insulation exposing the conductor by DIM "B" (internal depth of barrel lug + 5mm).
5. Clean and de-grease the cable outer sheath for a distance of 60mm from the cable sheath cut, using supplied CC-2 Preparation kit. See Figure 1.



6. Seal the cut back at the outer sheath and insulation. Starting 10mm on the outer sheath and finishing 10mm onto insulation (10mm on each side of the outer and PVC sheath cuts), apply two (2) well stretched half-lapped layers of mastic tape. See Figure 2.

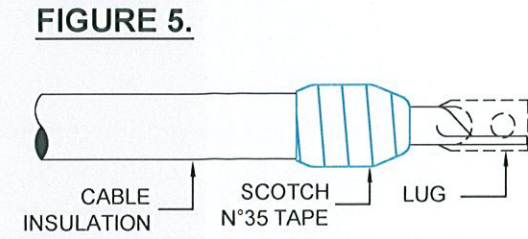
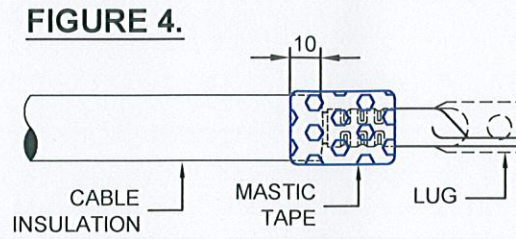


6. Apply a half-lapped layer of Scotch N° 35 tape over mastic tape seal just applied. **Be sure to cover all exposed mastic.**
7. Place a marker tape 170mm back from insulation cut. See Figure 3.



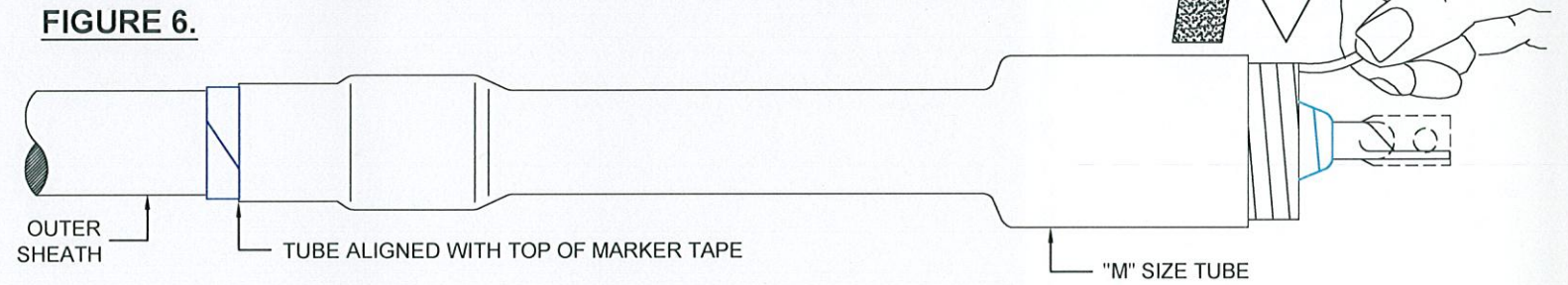
B. INSTALL LUG:

1. Install sealed terminal lugs in accordance with manufacturer specifications. Remove sharp edges from crimp lug.
2. Clean and de-grease the core insulation and the lug, using supplied CC-2 Preparation kit.
3. Apply half-lapped layers of mastic tape between the lug and the cable insulation until a smooth taper is achieved between the outside diameters of the lug and the cable insulation. See Figure 4.
4. Apply two stretched half-lapped layers of mastic tape starting 10mm on the insulation, extending onto the lug and back to the starting point. Ensure a smooth transition is made by the tape.
5. Apply a half lapped layer of Scotch N° 35 tape over the mastic tape. See Figure 5.



C. INSTALL TUBE:

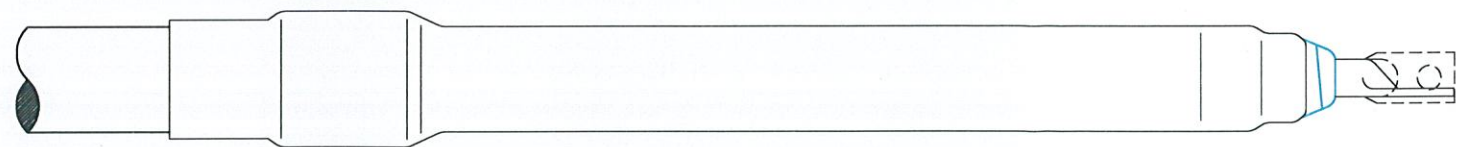
1. Slide the "M" size tube (≈ 200mm long) onto the cable, aligning the base with the marker tape.
2. Remove the termination core by unwinding counter-clockwise, starting with the loose end. Make sure the termination body is butted up to the edge of the marker tape.
3. It may be necessary to trim any excess tube from the lug. See Figure 6.



NOTE: The material being removed at this step is mixed polymers and can be recycled with waste.

D. TERMINATION IS COMPLETE

1. Remove marker tape.



REV A: CHANGED TUBE SIZE ON STEP C FROM "L" TO "M" SIZE

ENDORSED BY	SIGNATURE	DATE	RCIO-1.5KDC-PVC-400 - BOM		
Wilfred Leung Principal Engineer - Mains RailCorp		14/5/2012	Indoor/Outdoor Termination Kit to Suit RailCorp 1.5kV DC 400mm ² Single Core Cable With Inner PVC Sheath - Negative		
APPROVED BY	SIGNATURE	DATE	Qty	Type	Description
Neal Hook Chief Engineer - Electrical RailCorp		22/7/12	1		M Size Silicone Tube Insulator
			1	Roll	35 Tape Grey 12mm x 6m
			1	Pack	Mastic Seal Strip 150mm x 15mm
APPROVED BY	SIGNATURE	DATE	1		CC-2 Preparation Kit
David Chamberlain General Manager Intertech Engineering		19/4/2012	1		400mm ² Long Barrel Cu Lug (Drilled)
			1		Instructions Drawing - TSK-RCP-3.8-11-05

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sales@intertech-eng.com.au

TITLE: INDOOR/OUTDOOR TERMINATION KIT TO SUITE RAILCORP 1500V DC Cu 400mm² 1/C UNSCREENED, XLPE INSULATED, COMPOSITE PVC/HDPE SHEATHED. CONVENTIONAL OR INVERTED - NEGATIVE CABLE											
CLIENT: RAILCORP	CAD FILE NAME: TSK-RCP-3.8-11-05-RA										
PROJECT: -	DRAWING No: TSK-RCP-3.8-11-05										
JOB No: -	DESIGN BY: INTERTECH										
DATE: 30/05/2011	DRAWN BY: S.D.										
SCALE: NTS	CHECKED BY: D.C.										
<table border="1" style="width: 100%; text-align: center;"> <tr> <td>REVA</td> <td>REVB</td> <td>REVC</td> <td>REVD</td> <td>REVE</td> </tr> <tr> <td>REVF</td> <td>REVG</td> <td>REVH</td> <td>REVI</td> <td>REVI</td> </tr> </table>		REVA	REVB	REVC	REVD	REVE	REVF	REVG	REVH	REVI	REVI
REVA	REVB	REVC	REVD	REVE							
REVF	REVG	REVH	REVI	REVI							