

RSXP Heatshrink Repair Kits

Installation Guide



Getting Started

- The heat shrink tubing should be smooth and free from wrinkles, scratches, jagged cuts and damage.
- Read the installation instructions thoroughly before commencing as procedures could change.

Note: For technical advice please call the L&C Sales team on +612 8678 4029 or email sales@Inc.net.au.

General Tips and Instructions

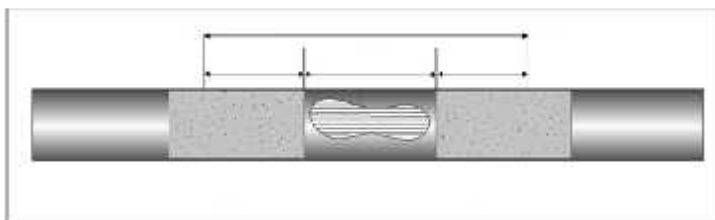
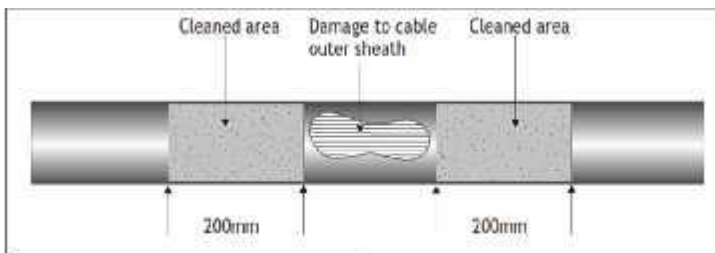
- Always keep the work area and cables clean.
- When shrinking, always use a propane [preferred] or gas torch.
- Apply heat circumferentially around and from centre outwards on tubes, ensuring the correct heat application is applied to suit the Heatshrink tubing wall thickness, so that the tubing shrinks evenly.
- Only use the torch in a properly ventilated and safe environment.
- While undertaking the repair, always keep the surrounding area to the work area clear of obstructions.
- Ensure that the shrunk tubing is free from wrinkles and air bubbles during and after heating.

Cable Preparation Tips

- Always keep the cable outer sheaths clean and free from dust, oil, grease and foreign material.
- Do not cut or nick the cable insulation during preparation.
- When sanding, roughen or abrade the area of the cable under repair circumferentially around the cable sheath.
- Clean and degrease all surfaces that need to be sealed with a suitable hot melt mastic.

Note: If concerned that water may penetrate the cable joint, apply a suitable sealant mastic at both ends of the repair kit and near the damaged area of the cable section, before shrinking the repair sleeve.

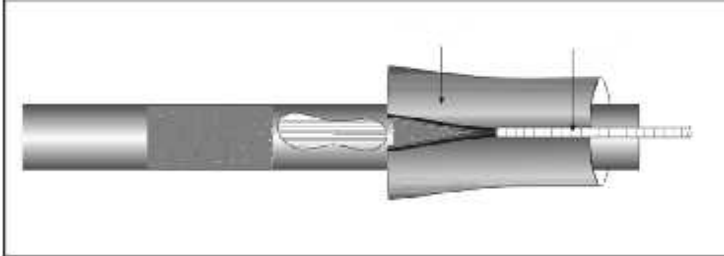
Installation



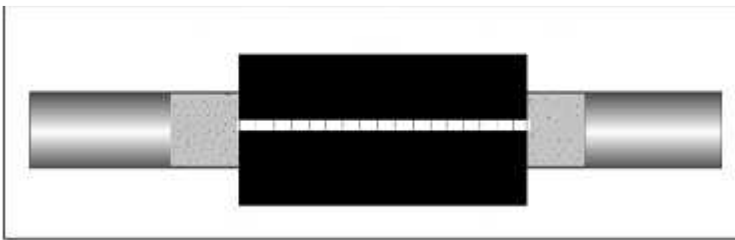
1. Clean the cable jacket surface area to be worked thoroughly to remove dirt and oil.
2. Abrade the cable sheathing for a dimension of 200mm on either side of the damaged cable jacket.
3. If required, cut the RSXP tube (repair sleeve) to a suitable length, i.e. $\geq 300\text{mm}$ plus the length of the damaged area.
4. After cutting the RSXP tube, cut the stainless-steel channel (zip) to the same length as the repair tube.

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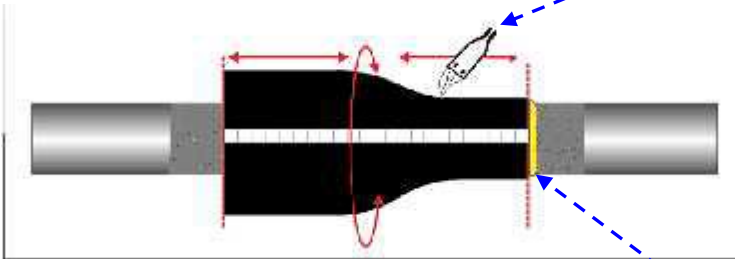
Note: Cutting the RSXP repair kit tube is optional. The full standard 1.2m length can be used.



5. Wrap the RSXP repair sleeve around the cable with the zip ridges together.
6. Slide the stainless-steel channel over the two ridges of the RSXP tube for its full length, locking them together.



7. Position the RSXP tube centrally over the area of damage cable jacket.
8. Using a torch with a soft flame, shrink the RSXP tube in position.



9. Apply heat initially to the centre of the kit and circumferentially, working out and towards the ends of the kit as the kit shrinks, avoiding wrinkles and bubbles.
10. As you progress to the ends, avoid the ends from folding over due to the shrink differences between the channel area and the rest of the heat shrink.



11. The tube must shrink evenly, without wrinkles and bubbles with the hot melt mastic oozing out as shown in the picture to the left.
12. Allow the repair kit to cool, before attempting to move the cable.

The installation of the RSXP repair sleeve is now complete.