

TECHNICAL TIP- FLAT CABLE ADAPTATION FOR ROUND CABLE GLAND INSTRUCTION SHEET

- 1.0. Review the contents of the Adaptation Kit. The adaptation kit contains flat boots and matched-size shrink tubes. The number of flat rubber boots and shrink tubes provided is order-specific and based on the number and sizes of the cables on the order.



Adaptation Kit

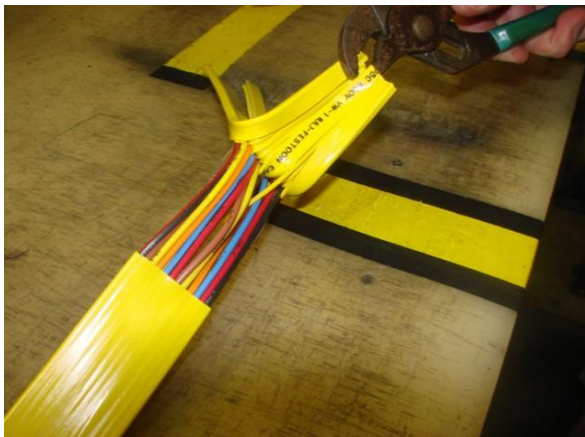


Flat rubber boots



Shrink tube

- 2.0. Trim excess length from flat cables to appropriate length, if needed.
- 3.0. Strip the outer jacket from flat cable to appropriate length to accommodate application and length to terminal. Note: The outer jacket must be sized to fit within the flat part of the boot.

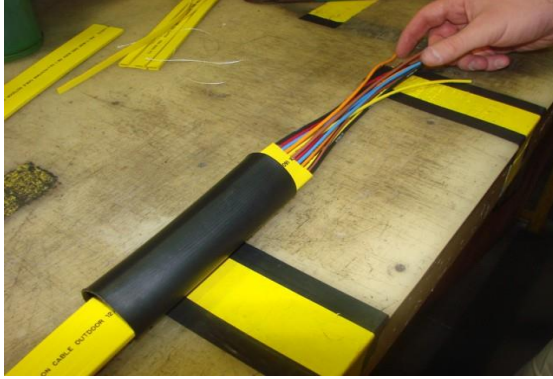


Stripping the outer jacket on the flat cable

RISE ABOVE

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- 4.0. Slide the appropriately-sized shrink tube over the flat cable.



Shrink tube installed on the flat cable

- 5.0. Remove nut from the round cable gland. Leave rubber seal intact.



Nut and round cable gland

- 6.0. Install nut on the flat cable boot.



Flat cable boot with nut installed

RISE ABOVE



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- 7.0. Fold round end of rubber boot in half and insert in the round cable gland.



Fold round end of rubber boot

- 8.0. Push the flat cable boot into the round cable gland. Note: If required, a screwdriver can be used to position the flat boot. Do not apply excessive force - this may damage the rubber boot.



Flat cable boot positioned in round cable gland



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- 9.0. Squeeze flat end of boot to provide a round opening for the wires to pass through.



Squeeze flat end of boot to form a round opening

- 10.0. Install the flat cable into flat cable boot, pulling the stripped wires through until the jacketed flat cable fits securely into the flat part of the boot.
- 11.0. Hand-tighten the nut on the cable gland.
- 12.0. Slide the shrink tube over the flat boot ensuring that the end of the shrink tube completely covers the flat part of the flat gland (between the transition of the flat area to the rounded area).



Shrink tube installed onto flat cable boot

RISE ABOVE



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13.0. Use a heat gun to apply heat to the shrink tube until shape conforms and seals to boot.



Applying heat to shrink tube

14.0. Apply heat to both sides of the shrink tube to ensure a proper seal. Note: It is normal that some adhesive will be present at the ends of the shrink tube after it has been heated.



Completed flat cable adaptation

15.0. Install remaining flat cable glands and shrink tubes included in the Adaptation Kit, if required.