

3M

QS2000BA Cold Shrink Adapter Kit

Instructions

Meets IEEE Std. 404 when used with the QS2000B Splice Kit.



Selection Chart

Kit Number	Cable Insulation O.D. Range	Conductor Size Range
QS2000BA	0.64" to 1.00" (16,3 mm to 25,4 mm)	2–250 kcmil* (35–150 mm ²)



3M™ Cold Shrink QS2000BA Adapter Kit

78-8126-5898-3-A

⚠ CAUTION

Working around energized high-voltage systems may cause serious injury or death. Installation should be performed by personnel familiar with good safety practice in handling high-voltage electrical equipment. De-energize and ground all electrical systems before installing product.

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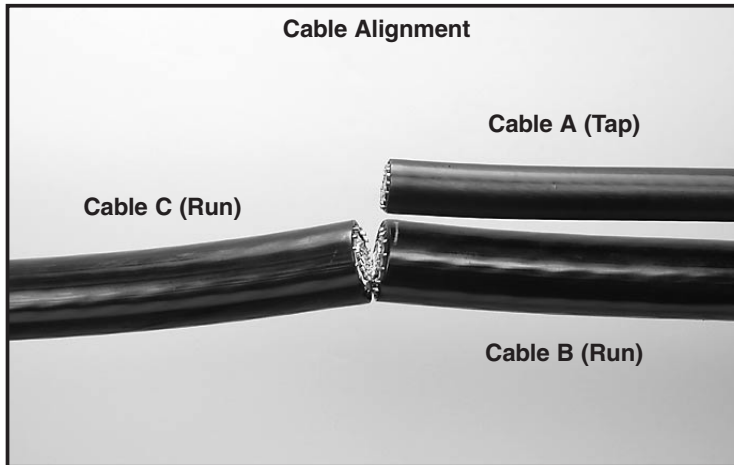
Kit Contents:

- A. Cold Shrink Rubber Insulation Adapter Tube (1)
- B. Cold Shrink Semi-Conductive Rubber Tube (1)
- C. Constant Force Springs (2)
- D. P55/R Red Compound Tubes (non-silicone grease) (2)
- E. Connector Adapters (3 black & 3 white)
- F. Instruction (1)



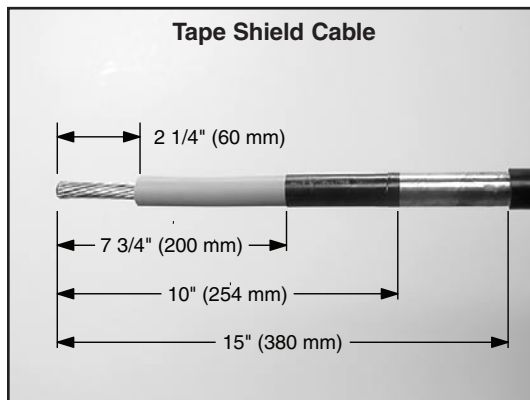
1.0 Prepare Cable

Important: Insure that the cable ends are properly aligned, as shown below, before proceeding.

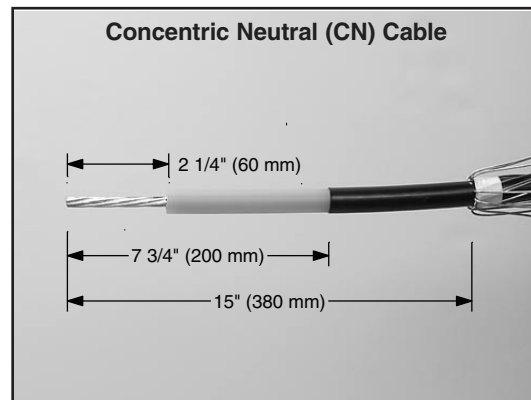


1.1 Prepare the cable according to standard procedures.

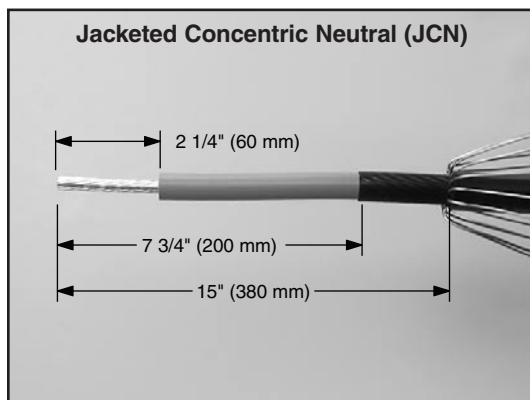
For Tape or Longitudinally Corrugated (LC) Shielded Cable



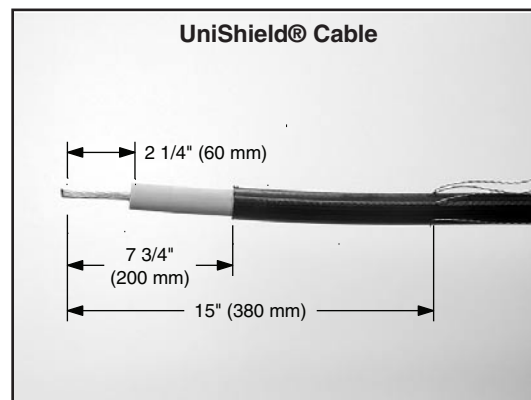
For Concentric Neutral (CN) Cable: Bind neutral wires at location shown and clean cable semi-con if necessary.



For Jacketed Concentric Neutral or Wire Shielded Cable (JCN)

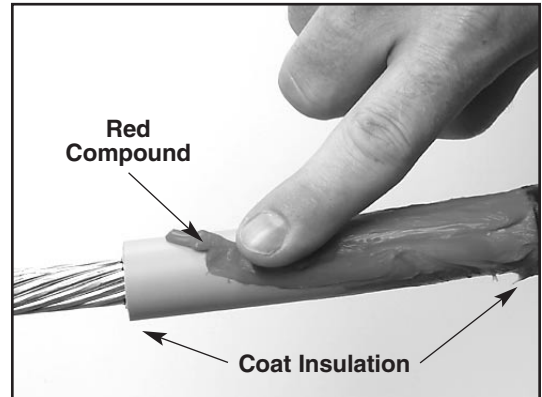
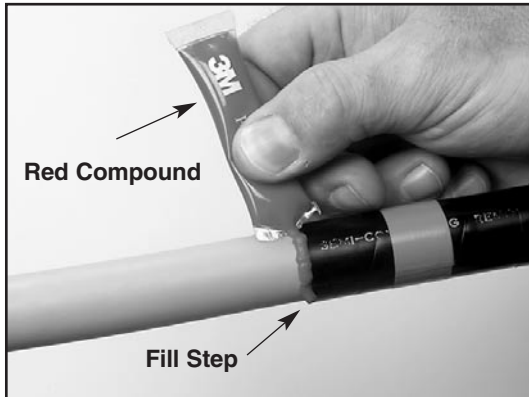
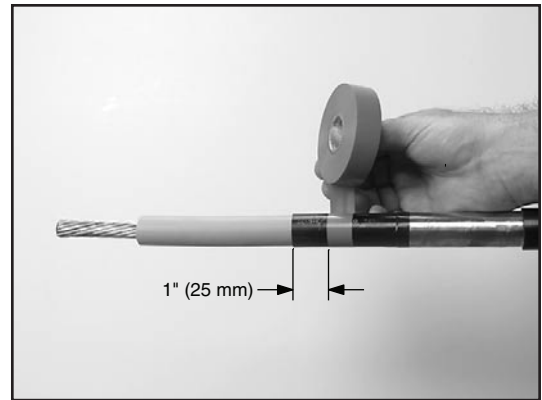


For UniShield® cables: Pull drain wires through conductive jacket to 15" (380mm). Do not cut wires.

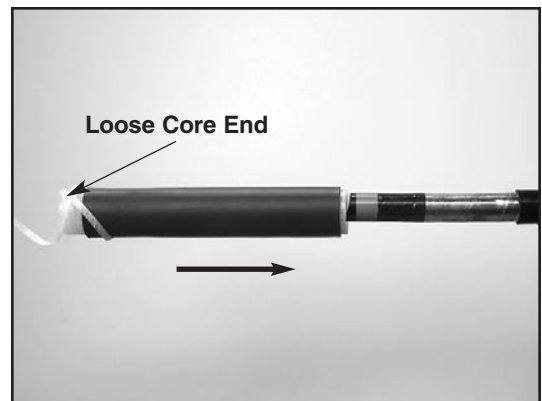


2.0 Install Cold Shrink Adapter

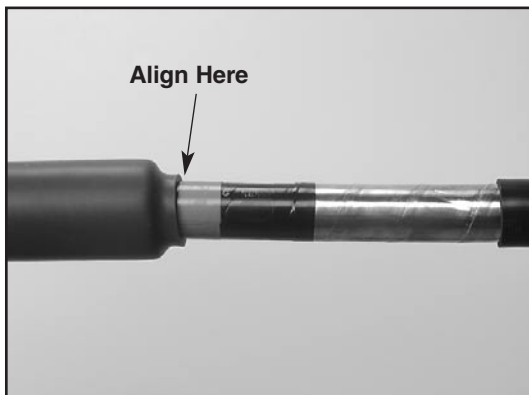
- 2.1 Place a tape marker on the cable semi-con at point 1" (25mm) from the semi-con end. Using one tube of P55/R Red Compound, fill the stepped edge of the cable semi-con. The remaining compound should be spread along the cable insulation.



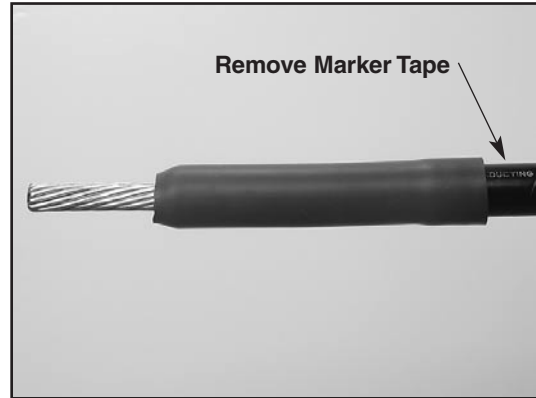
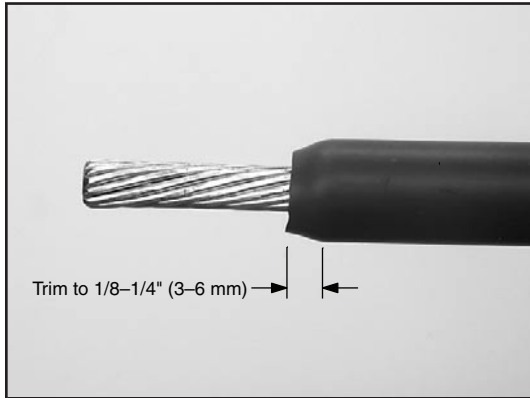
- 2.2 Slide Cold Shrink Insulation Adapter Tube (long tube) onto cable with the loose core end toward cable end.



- 2.3 Position the insulation adapter over the tape marker, slowly pull and unwind the loose core end in a counter clockwise direction until the adapter makes contact with the tape marker. Pull the adapter until it aligns with the tape marker and continue unwinding the core to complete the adapter installation.

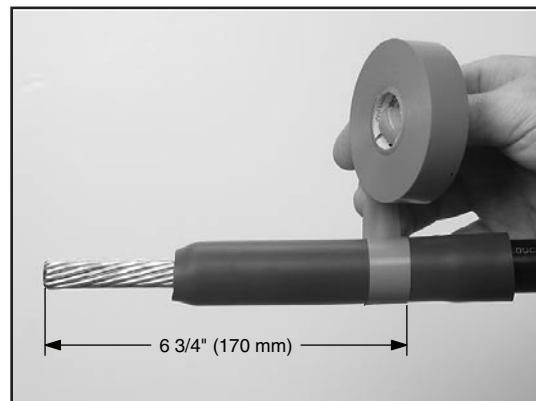


- 2.4 The Insulation Adapter Tube will install past the end of the cable insulation. Cut off and remove the excess tubing at a distance of 1/8" to 1/4" (3–6mm) past the end of the cable insulation. Remove marker tape.

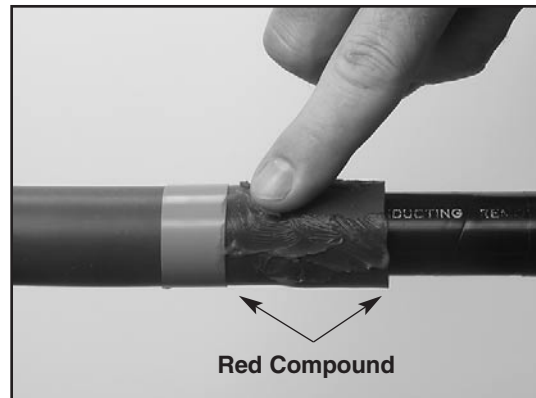


3.0 Install Insulation Shield

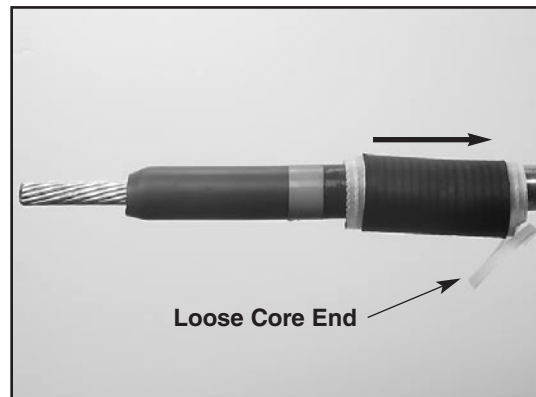
- 3.1 Place a marker tape on the insulation adapter tube 6 3/4" (170mm) from the end of the conductor, as shown.



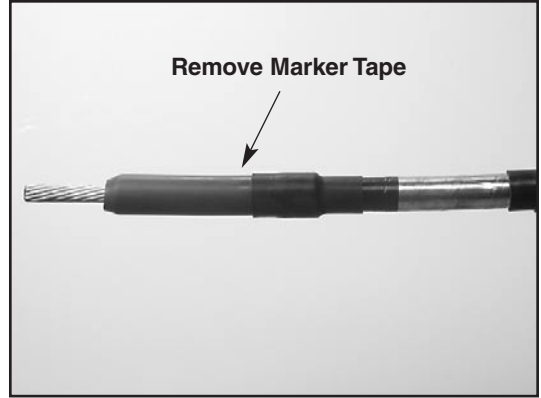
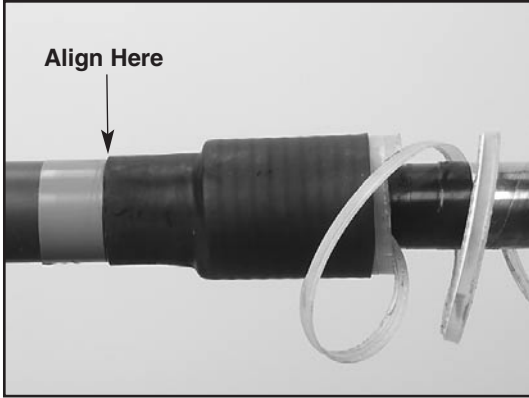
- 3.2 Spread a thin coat of P55 Red Compound on the Insulation Adapter Tube from the marker tape to the end of the tube, as shown.



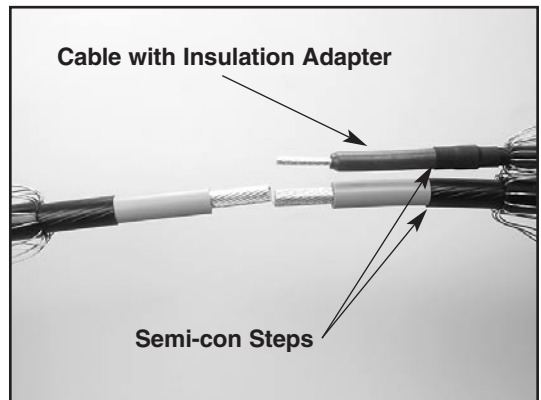
- 3.3 Slide the short, black (semi-conductive) cold shrink tube over the insulation adapter, loose core end first.



- 3.4 Shrink the cold shrink tube, aligning the end (not the core) with the marker tape, by pulling and unwinding the core in a counter-clockwise direction. Remove the marker tape.



- 3.5 The cable is now ready for the QS2000B splice installation.



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Note: The core material being removed from the Splice Body, Jacket Tubes and adapter are mixed polymers and can be recycled with other waste.



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