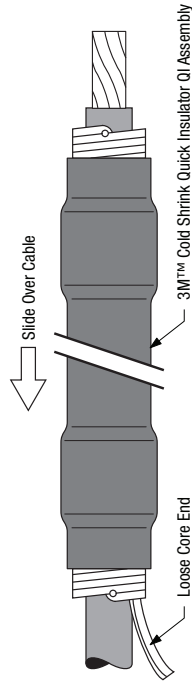
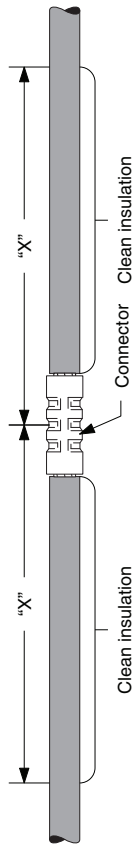


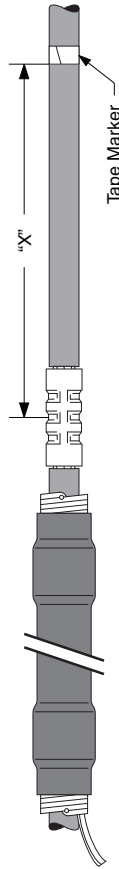
1. Slide the 3M™ Cold Shrink Quick Insulator QI assembly, loose core end first, onto cable or wire prior to connecting.



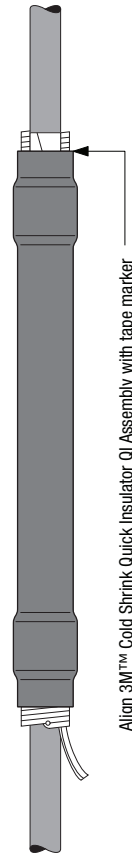
2. Make connection and file off any excess flash from the connector. Clean cable insulation to a minimum distance "X" as indicated in the application chart for the product being installed.



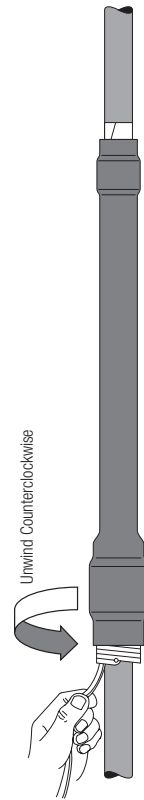
3. Place a tape marker distance "X" from the center of the crimped connector on the cable opposite the loose core end and parked insulator assembly.



4. Position the QI Insulator over connector area, aligning the leading tube end (not the spiral core) with the tape marker.



5. Install the QI Insulator by slowly pulling the loose core end and unwinding (counterclockwise) while maintaining alignment of the tube with the tape marker. Continue unwinding the core to complete installation.



**Note:** The ends of the QI Insulator may be squeezed to assist the tube in shrinking to its final diameter.

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## 3M™ Cold Shrink Quick Insulator QI Series Instructions

For 1000 volts or less

Product Name	Conductor Size Range	Diameter Range* Inches (mm)	Max Connector O.D. Inches (mm)	Max Connector Length Inches (mm)	Reference Distance "X" Inches (mm)
QI-5/16-220	8-1/0 AWG	0.2-0.65 (5-16)	0.65 (16)	2.75 (70)	4.25 (108)
QI-10/37-270	2 AWG-500 kcmil	0.4-1.45 (10-37)	1.45 (37)	4.5 (114)	5.5 (140)
QI-18/57-325	250-1250 kcmil	0.7-2.25 (18-57)	2 (51)	6 (152)	7 (178)
QI-14/70-235	4/0 AWG - 500 kcmil(Cu)**, 800 kcmil(Al)**	0.5-2.75 (13-70)	2.75 (70)	5 (127)	4.65 (118)
QI-14/70-430	4/0 AWG - 3000 kcmil	0.5-2.75 (13-70)	2.75 (70)	12 (305)	8.50 (216)

\*Range reflects minimum and maximum O.D. over which the insulator will seal.

\*\*Restricted by connector length.

QTY: 1 Each

### CAUTION

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

