

NELSON HEAT TRACING SYSTEMS

SLT-P POWER END SEAL KIT

INSTALLATION INSTRUCTIONS

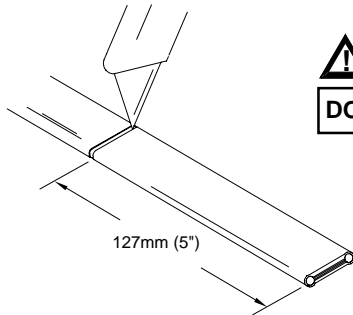
DESCRIPTION

The SLT-P Power End Termination Kit is for use with all versions of Nelson Heat Tracing Systems' SLT & CLT heater cables.

KIT CONTENTS

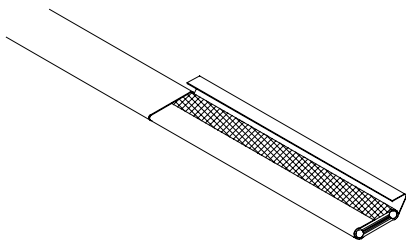
- 10 Shrink Tubes, 3mm (0.125") dia. meter, (25mm) 1" length
- 5 Shrink Tubes, 12mm (0.5") diameter, (51mm) 2" length

OVERJACKET STRIPPING PROCEDURES

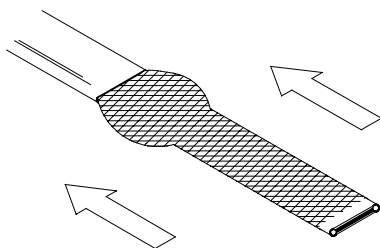


⚠ WARNING:
DO NOT CUT BRAID

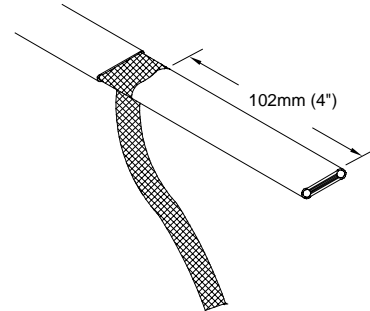
- 1 Lightly cut around heater overjacket 127mm (5") from the end. Bend cable to break the overjacket.
- 2 Lightly cut overjacket up the center between first cut mark and the cable end. Bend cable to break the overjacket.



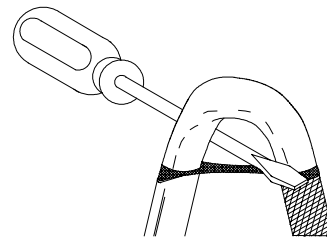
- 3 Remove overjacket from the heater cable.



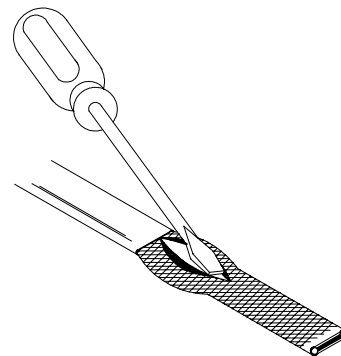
- 4 Move braid back toward the overjacket, creating a bulge.



- 5 At the bulge, separate the braid to make an opening.

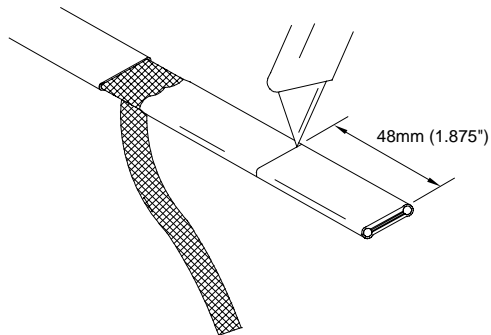


- 6 While bending the heater cable, work it through the braid opening.

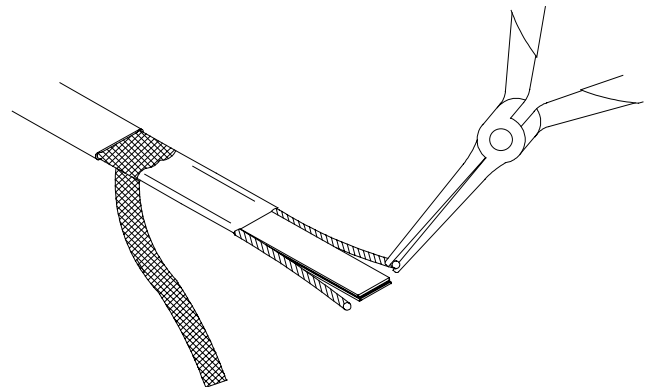


- 7 Pull the braid tight.
- 8 Proceed to "Outer Jacket Stripping Procedures", sheet 2 of 3.

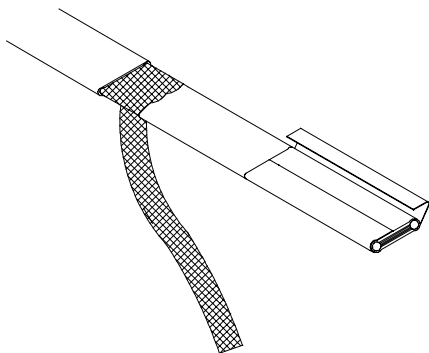
OUTER JACKET STRIPPING PROCEDURES



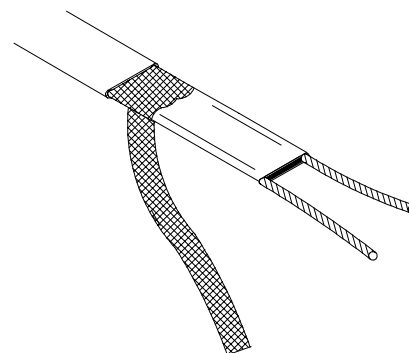
- 1 Lightly cut around heater outer jacket 48mm (1.875") from the end. Bend cable to break the outer jacket.
- 2 Lightly cut the outer jacket up the center between the first cut mark & cable end. Bend cable to break the outer jacket.



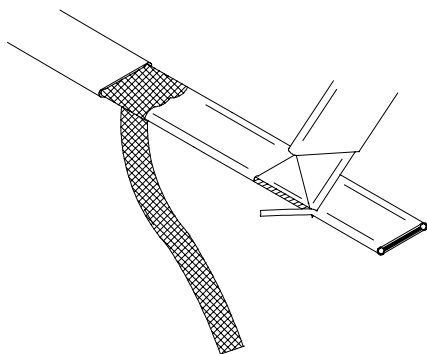
- 5 Starting at the end, pull each bus wire away from the core material.



- 3 Remove jacket from the heater cable.



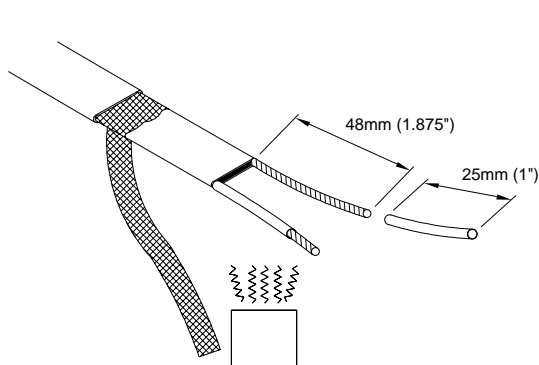
- 6 Remove exposed core material.
- 7 Proceed to "Shrink Tube Procedures", sheet 3 of 3.



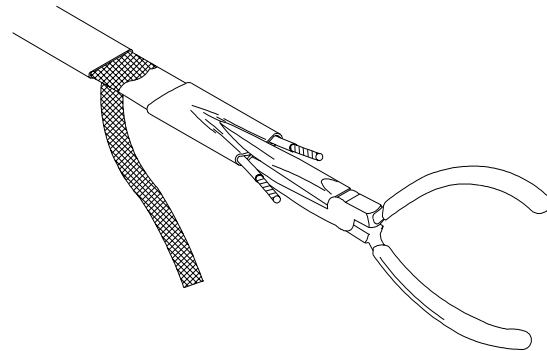
- 4 Shave the core material from the outside of each bus wire.

⚠ WARNING:
DO NOT CUT BUS WIRES.

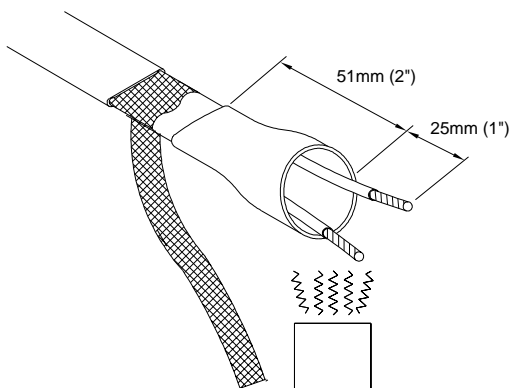
SHRINK TUBE PROCEDURES



- 1 Slide one 3mm (.125") diameter, 25mm (1") length shrink tube over each bus wire, leaving approximately 13mm (.5") of each bus wire exposed. Shrink with heat gun until completely shrunk.



- 3 While still warm, spread bus wires and squeeze between them using needle-nose pliers, hold for 5 seconds. Allow power termination to cool before use.



- 2 Slide one 12mm (0.5") diameter, 51mm (2") length shrink tube over both pigtail leads leaving approximately 25mm (1") of each pigtail lead exposed. Shrink with heat gun until completely shrunk.