

SERGE BARIL HEAT TRACING SYSTEMS

MSPS POWER END TERMINATION KIT FOR ORDINARY & DIVISION 2 HAZARDOUS LOCATIONS

INSTALLATION INSTRUCTIONS

DESCRIPTION

MSPS Power end termination kit is for use with all versions of Serge Baril's FPS, SCS and CCA heater cables. Compatible for use with any vendor's heater cables smaller than 11mm (0.44") diameter.

KIT CONTENTS

5 Power Terminations

1 Tube of Silicone

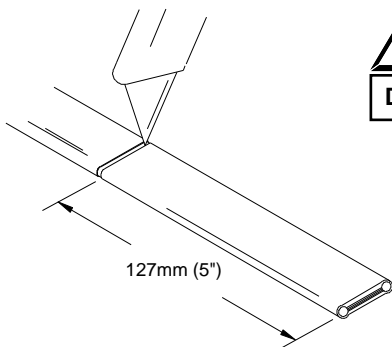
MSPS-1

1 Power Termination

1 Tube of Silicone

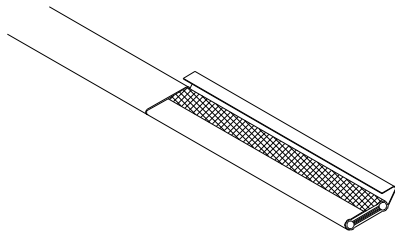
IMPORTANT: INSTALLATION BY ELECTRICIAN OR AUTHORISED PERSONNEL

OVERJACKET PRODUCTS

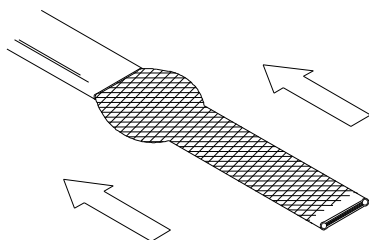


WARNING:
DO NOT CUT BRAID

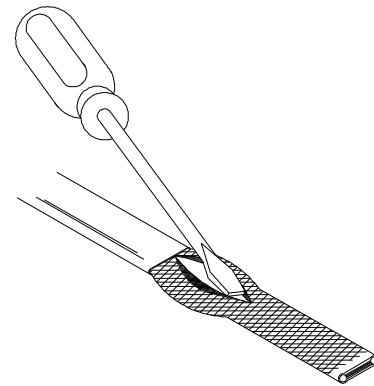
- 1 Lightly cut around heater overjacket 127mm (5") from the end. Bend cable to break the overjacket.
- 2 Lightly cut overjacket up the center between first cut mark and the cable end. Bend cable to break the overjacket.



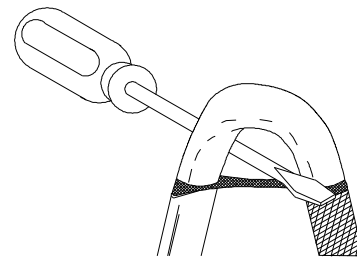
- 3 Remove overjacket from heater cable.



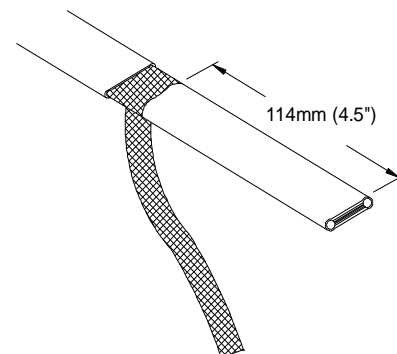
- 4 Move braid back toward the overjacket, creating a bulge.



- 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.

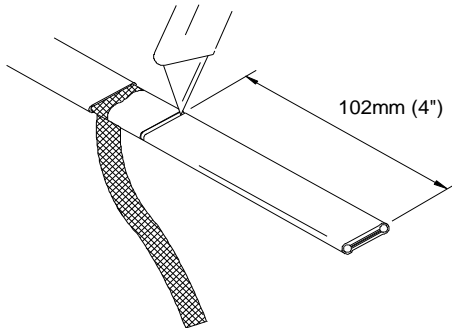


SERGE BARIL HEAT TRACING SYSTEMS

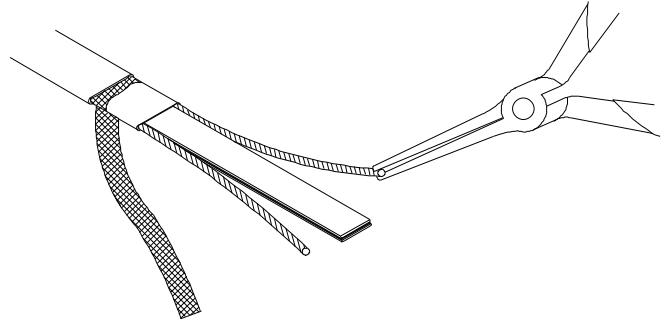
MSPS POWER END TERMINATION KIT FOR ORDINARY & DIVISION 2 HAZARDOUS LOCATIONS

INSTALLATION INSTRUCTIONS

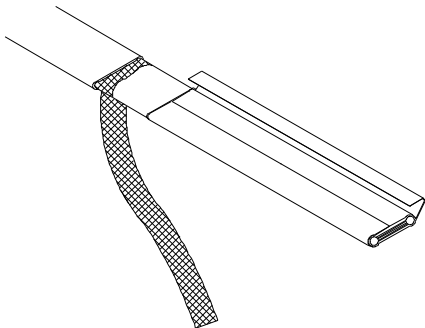
FOR ALL SERGE BARIL FPS, SCS & CCA PRODUCTS
(See sheet 3 of 4 for an alternate method of SCS Products.)



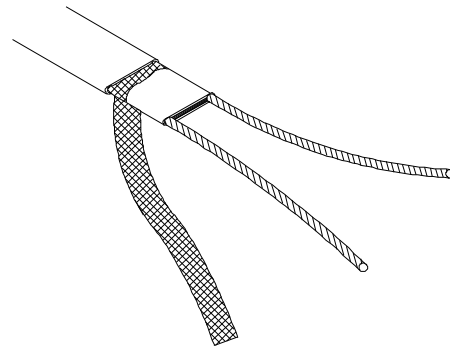
- 1 Lightly cut around cable outer jacket 102mm (4") from the end. Bend cable to break outer jacket.
- 2 Lightly cut the outer jacket up the center between the first cut mark & the cable end. Bend cable to break outer jacket.



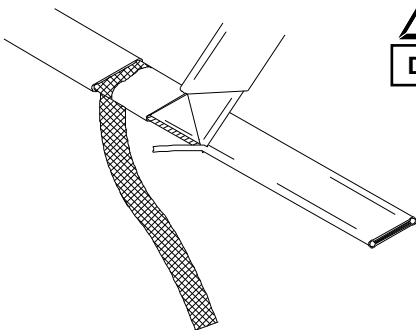
- 5 Starting at the end, pull each bus wire away from the core material.
- 6 Remove exposed core material.



- 3 Remove the jacket from the heater cable.



- 7 Cut 6mm (0.25") off the end of each bus wire.
- 8 Proceed to "Power Termination" on sheet 4 of 4.



WARNING:
DO NOT CUT BUS WIRES

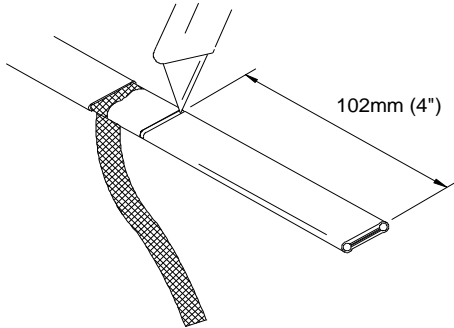
- 4 Shave the core material from the outside of each bus wire.

SERGE BARIL HEAT TRACING SYSTEMS

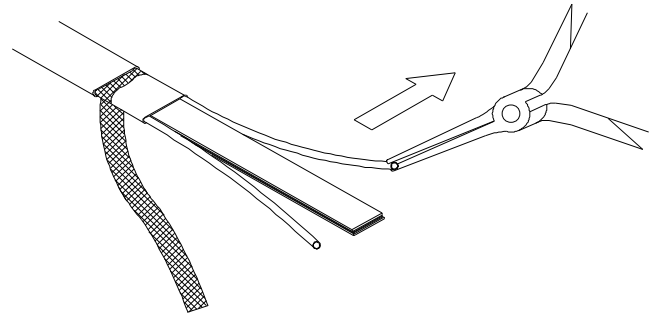
MSPS POWER END TERMINATION KIT FOR ORDINARY & DIVISION 2 HAZARDOUS LOCATIONS

INSTALLATION INSTRUCTIONS

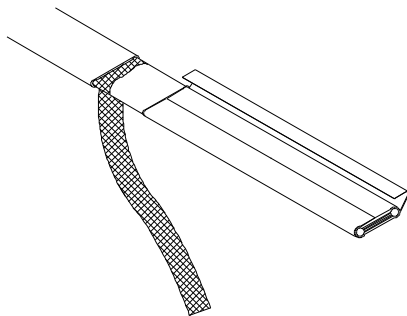
SCS PRODUCTS ALTERNATE STRIPPING METHOD



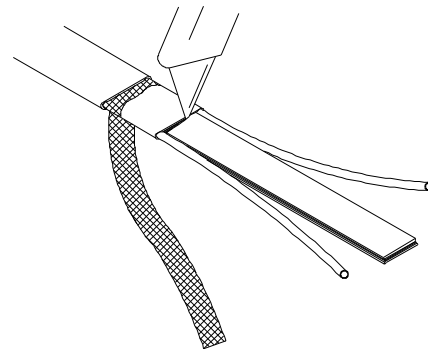
- 1 Lightly cut around cable outer jacket 102mm (4") from the end. Bend cable to break outer jacket.
- 2 Lightly cut the outer jacket up the center between the first cut mark & the cable end. Bend cable to break outer jacket.



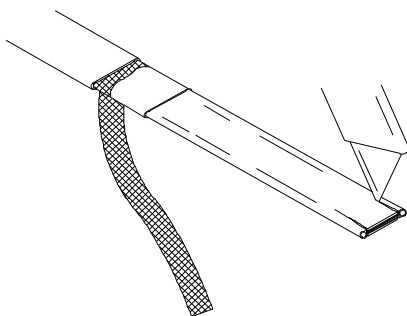
- 5 Starting at the end, in the same plane as the cable, pull each bus wire away from the core material.



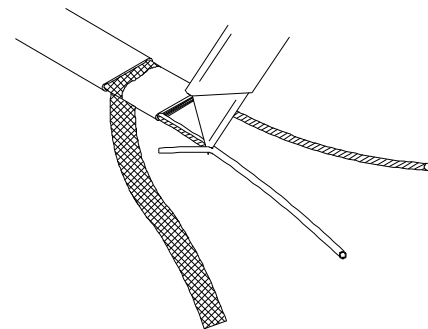
- 3 Remove the jacket from the heater cable.



- 6 Remove the exposed core material.



- 4 Make a cut inside each bus wire.



- 7 Remove the remaining core material off the outside of each bus wire.
- 8 Cut 6mm (0.25") off the end of each bus wire.
- 9 Proceed to "Power Termination" on sheet 4 of 4.

SERGE BARIL HEAT TRACING SYSTEMS

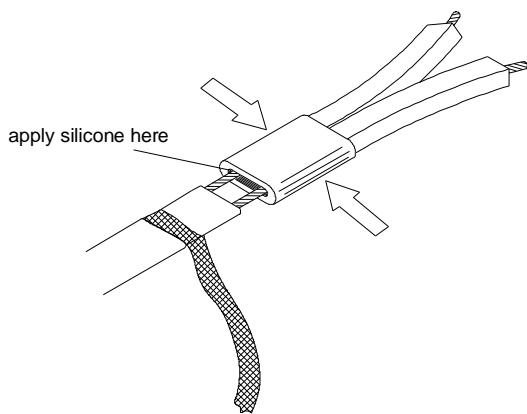
MSPS POWER END TERMINATION KIT FOR ORDINARY & DIVISION 2 HAZARDOUS LOCATIONS

INSTALLATION INSTRUCTIONS

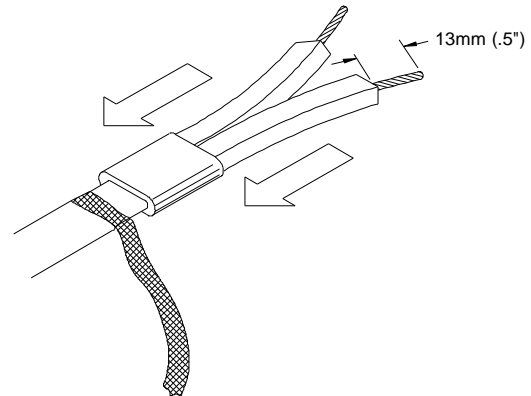
POWER TERMINATION

WARNING:

- Bus wires must not touch or cross while inserting into power termination.
- Only power terminations / end seals specifically approved for the vendors style and type of heater cable must be used.



- 1 Insert bus wires into power termination.
- 2 Squeeze power termination opening and fill with silicone.



- 3 Push power termination to overlap jacket.
- 4 The silicone will set up in about 30 minutes with a complete cure after 24 hours.

WARNING:

- Do not megger or hi-pot until silicone is completely cured.
- Braid must be kept away from bus wires or shorting will occur.

SERGE BARIL & ASS. INC.

5310 des Laurentides Blvd., Laval, QC Canada H7K 2J8
Tel.: (450) 622-7587 Fax: (450) 622-7869
Web: baril.ca E-mail: serge@baril.ca



HT-401-150601
Sheet 4 of 4