

Uponor

PRE-INSULATED
PIPE SYSTEM (ECOFLEX®)

STRIP-FREE END SEAL
INSTALLATION KIT

INSTRUCTION SHEET

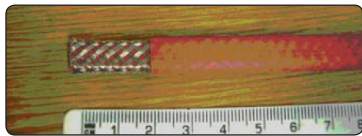
Strip-free End Seal Installation Kit

For Tee or Splice Connections

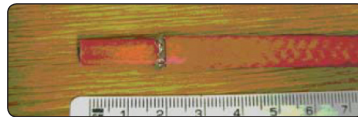
Note: Before performing this installation, consider that the enclosure and terminal block are manufactured from plastic materials and are at risk of breaking down in aggressive soil.

This can be solved by making the termination inside an insulation kit, under the end cap or above ground in a non-aggressive environment.

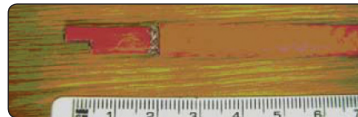
1. Remove the outer jacket 20mm (0.79") from the end.



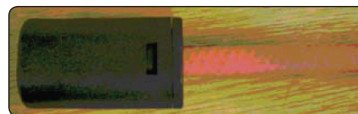
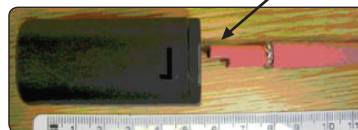
2. Trim the braiding wires.



3. Cut one of the bus wires back in order to maintain a minimum 5mm (0.20") clearance distance between the bus wires.

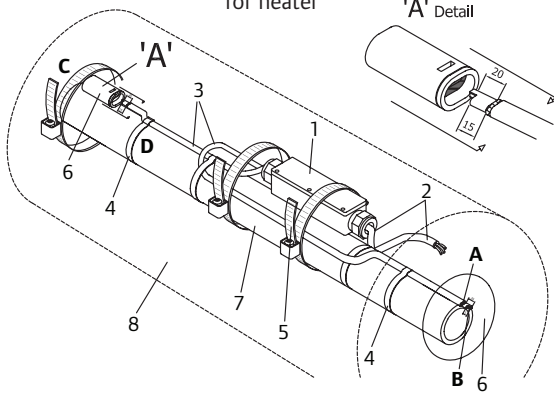


4. Push the heat cable into the kit and ensure the cable contacts the inner wall.



Typical Application with Heat-tracing Cables

- 1. Strip-free Termination Kit
- 2. Three-layer core flexible power cord, 10 to 14mm (0.4" to 0.55") diameter
- 3. Braided and jacketed self-regulating heater
- 4. Fixing tape for heater
- 5. Fixing strap for strip-free enclosure
- 6. Strip-free End Termination Kit
- 7. Pipe
- 8. Thermal insulation and cladding




Important Notes

- A** • Trim all braids to leave 10mm (0.39") distance from the exposed heating core.
- B** • Never connect the bus wires together.
 - Cut one of the bus wires back in order to maintain a minimum clearance of 5mm (0.20") or greater.
- C** • Secure the End Seal Kit with fixing strap.
- D** • Secure the heater with fixing tape.
 - If the pipe temperature exceeds 60°C (140°F), lift the End Seal off the pipe to create a gap, and then insulate.
 - EEx e II T4 Ta = -40°C to 50°C (-40°F to 122°F)
 - Maximum voltage: 275 VAC, Maximum current per terminal: 16 Amps.

Warning! Temperature of the heating cable at the cable entry point may exceed 70°C (158°F).

Approval

CSA
 Industrial & Safe Location
 Type Designation: 3A, 3B, 3C, 5A and 5B
 Certificate Number: 1620566

Applicable Cable Approvals

Cable Type	Blade Reference	Bus Wire Size	Power Cable Size
FSLe	TB-2	16AWG	16AWG

For more information, visit www.heat-trace.com or write to Heat Trace™ Limited, Helsby, Frodsham, Cheshire, WA6 0DJ, England.

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