ES-PRO

Low-Profile End Seal Kit



Approvals

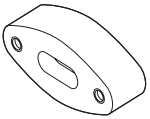
Class I, Div. 2, Groups A, B, C, D
Class II, Div. 2, Groups F, G
Class III

Description

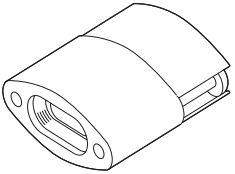
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ES-Pro is an end seal kit designed to terminate self-regulating heating cables. It provides reliable protection for cable ends, including watertight sealing (NEMA 4X), electrical insulation, and mechanical protection to ensure safe and stable operation of the heating system in demanding environments.

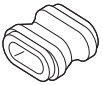
Kit Contents



A. Pressure plate with screws



B. End Seal Body



C. Grommet



D. Label

Tools and Materials Required



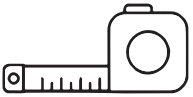
• Screwdriver



• Utility knife



• Wire cutters



• Tape measure

Important Safety Warnings

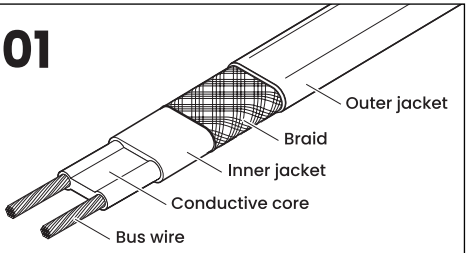
This electrical accessory must be installed by qualified personnel in accordance with this manual. Improper installation may cause electric shock, fire, or property damage. Read and follow all warnings:

1. To minimize arc fire risks from damaged/improperly installed cables, the system must be equipped with a ground fault protection device. Conventional circuit breakers may not stop arcing.
2. Use only factory-specified parts. Do not substitute with other components or vinyl electrical tape.
3. The black core of the heating cable is conductive and prone to short circuit—keep its insulation intact and dry during the entire installation process.
4. Do not break the bus wire strands during the wire stripping operation. Keep bus wires separated to avoid short circuits
5. Keep all components, cable ends, and connections dry before and during installation. Do not construct in wet conditions.
6. Use only fire-resistant insulation materials (e.g., fiberglass wrap, flame-retardant foam) for subsequent protection.
7. Do not immerse the kit in liquid. Keep away from volatile, flammable, or corrosive substances.
8. Inspect all parts before installation. Do not use damaged/deformed components; do not repair defective parts yourself.
9. **ELECTRIC SHOCK HAZARD. Cut off all power supplies** of the heating system before construction. Live operation is strictly prohibited.
10. Retain this manual for future reference.

Installation Instructions

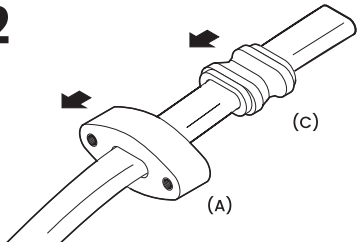
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01



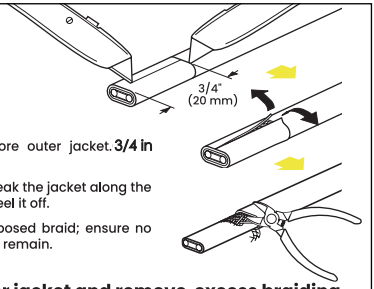
Confirm the heating cable is self-regulating.

02



Slide Parts onto the heating cable.

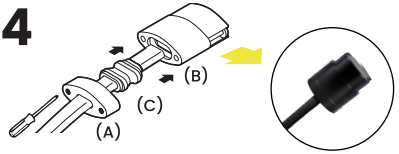
03



- Lightly score outer jacket. **3/4 in (20 mm)**
- Bend to break the jacket along the score, then peel it off.
- Cut off exposed braid; ensure no loose strands remain.

Strip outer jacket and remove excess braiding.

04

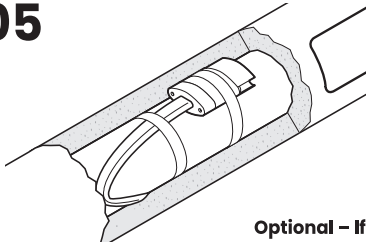


- Insert the processed cable end into end seal body (B)
- Slide the grommet (C) into the body
- Place pressure plate(A) and align the screw holes, tighten screws.

Heating cable has already been treated with end seals.

Assembly and Securing.

05



- Secure the end seal kit to the pipe or mounting surface using fiberglass cloth tape (flat, stable, and firmly fixed).
- Attach the warning label (D) to the insulation, cladding, or another visible surface near the installation for clear identification.

Optional – If additional securing is required.

Warranty Information

This product is covered by a 12-month limited warranty to the original purchaser from the date of purchase. During the warranty period, if the product is found to have manufacturing defects under normal installation and use as specified in this manual, YeloDeer will, at its discretion, repair or replace the defective product. This warranty is limited to the repair or replacement of the product only. YeloDeer shall not be liable for any indirect, incidental, or consequential damages arising from the use of this product.

The warranty does not cover:

- Damage caused by improper installation or use of non-specified components.
- Damage caused by physical impact, corrosion, extrusion, or other non-manufacturing factors.
- Products that have been modified, disassembled, or repaired by unauthorized personnel.

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