Kit Contents

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Description

The CS-100 core sealer is a fluoroether-sealant-filled insulator. It is designed for use with Raychem® BTV-CR, BTV-CT, QTVR-CT, XTV-CT, KTV-CT, and VPL-CT industrial parallel heating cables. The core sealer is for use only as a replacement for the heat-shrinkable tubing insulators or CS-100 core sealer in the following kits:

- JBS-100-A
- JBS-100-L-A
- AMG-BC-III
- JBM-100-A
- JBM-100-L-A
- AMG-BS-III
- JS-100-A
- HAK-C-100
- AMG-BY-III
- C75-100-A
- T-100

This product must not be used with monitor wire, LBTV2 heating cables, with other connection kits, or by itself.

For technical support, call your local Tyco Thermal Controls representative.

Approvals

The core sealer is FM Approved and CSA Certified for ordinary and hazardous locations when used as described above.

WARNING:

This component must be installed correctly to ensure proper operation and to prevent shock or fire. Read these important warnings and carefully follow all the installation instructions.

- Component approvals and performance are based on the use of Tyco Thermal Controls-specified parts only. Do not use substitute parts or vinyl electrical tape.
- Bus wires will short if they contact each other. Keep bus wires separated.

CAUTION:

Health Hazard: Prolonged or repeated contact with the sealant in the boot may cause skin irritation. Wash hands thoroughly.

Overheating or burning the sealant will produce fumes that may cause polymer fume fever.

Avoid contamination of cigarettes or tobacco.

Consult MSDS VEN0033 for further information.

CHEMTREC 24-hour emergency telephone: (800) 424-9300.

Non-emergency health and safety information: (900) 545-6258.
Follow heating cable preparation steps in the appropriate Raychem connection kit, then follow steps illustrated below.

For VPL only

1. • Mark the jacket as shown.
   VPL will appear different.

2. • Refer to material safety data sheet VEN0033.
   • If needed, re-twist and straighten bus wires.
   • Insert bus wires into guide tubes.
   Make sure all strands go into the tubes.

3. • Push the core sealer onto the heating cable to the mark made in Step 1.
   Note: Extra force may be required for larger cables or at lower temperatures.
   Make sure the bus wires do not kink, bunch, or cross over.

4. • Remove guide tubes and dispose of them in the a plastic bag.
   • Slip the green/yellow tube onto the braid.

5. • Trim wires to length specified in kit installation instructions.
   • Resume instructions in the kit at the appropriate step.
   • Leave these instructions with the end user for future reference.

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