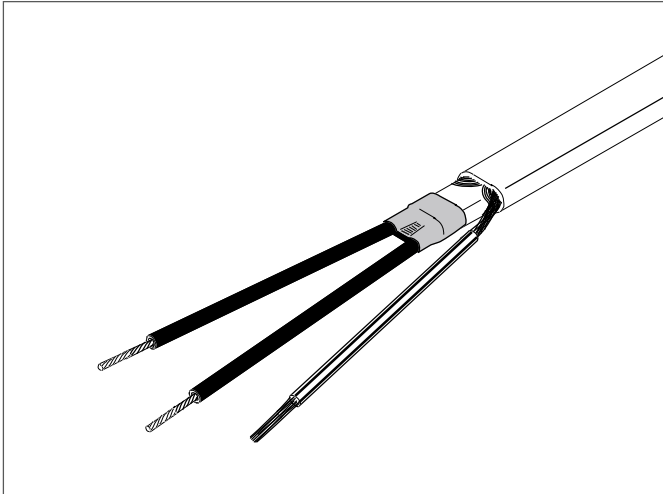


Raychem HCS-100-A

CORE SEALER KIT INSTALLATION INSTRUCTIONS



APPROVALS

The HCS-100-A is UL Listed, FM approved, and CSA Certified for ordinary and hazardous locations when used as described above; UL Listing is for BTV and LBT2 Heating Cable Systems Only.

KIT CONTENTS

Item	Qty	Description
A	2	Black heat-shrinkable tubes
B	1	Green/yellow heat-shrinkable tube
C	1	Clear yellow heat-shrinkable tube

DESCRIPTION

The HCS-100-A is a heat-shrinkable heating cable core sealing kit. It may be optionally substituted for the CS-100 cold applied core sealer kit. It is for use with BTV-CR, BTV-CT, QTVR-CT, XTV-CT, KTV-CT and LBT2-CT. It is approved for use in Pentair Thermal Management's JBS-100-A, C75-100-A, and all PolyMatrix and AutoMatrix connection kits that use the CS-100 (cold applied) core sealer. The HCS-100-A is the required core sealer for LBT2-CT. Materials for one core seal are included in this kit.

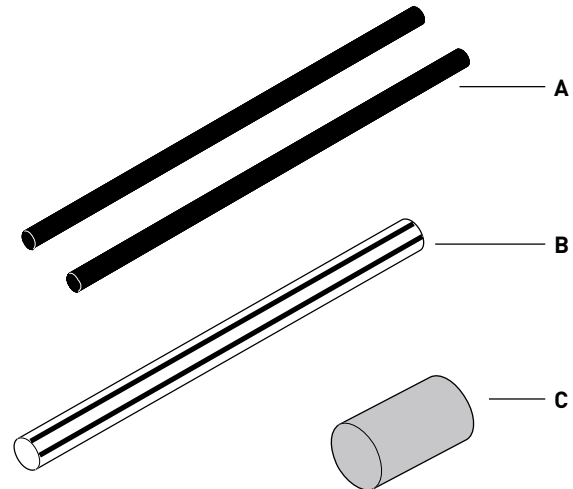
For technical support call Pentair Thermal Management at (800) 545-6258.

TOOLS REQUIRED

- Heat gun or mini-torch
- Needle nose pliers

ADDITIONAL MATERIALS REQUIRED

- Suitable Pentair Thermal Management connection kit and the additional materials required for that kit.



⚠ WARNING:

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

- To minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed, and to comply with Pentair Thermal Management requirements and the 1996 National Electrical Code, ground-fault equipment protection must be used on each heating cable branch circuit. Arcing may not be stopped by conventional circuit breakers.

- Component approvals and performance are based on the use of specified parts only. Do not use substitute parts or vinyl electrical tape.
- The black heating cable core and fibers are conductive and can short. They must be properly insulated and kept dry.
- Damaged bus wires can overheat or short. Do not break bus wire strands when scoring the jacket or core.
- Keep components and heating cable ends dry before and during installation.

⚠ CAUTION:

HEALTH HAZARD. Over heating heat-shrinkable tubes will produce fumes that may cause irritation. Use adequate ventilation and avoid charring or burning. Consult MSDS RAY/3122 for further information.

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

Non-emergency health and safety information:
(800) 545-6258.