

Installation Instructions

FLEX-E

Flexible Extension



These installation instructions are only for use with the following Drexan HeatTracer Self-Regulating heater products:

PipeGuard® Warm (PGW), MultiTrace® (MT), and HotTape® (HT)

This kit may be installed in temperatures as low as -40°F/-40°C.



WARNING: This is an electrical device and in order to ensure proper operation and prevent shock or fire it must be installed correctly. Read these important warnings. Follow all installation instructions.

CAUTION: Ground-fault equipment protection shall be provided to de-energize all normally ungrounded conductors of electrical heating cable sets, with ground fault settings sufficient to allow normal operation of the heater unless applicable codes permit otherwise, and to minimize the danger of fire from sustained electrical arcing if the heating cable is damaged or improperly installed and to comply with Drexan requirements, agency certifications and national electrical codes. Conventional circuit breakers may not stop arcing.

Do not use substitute parts or substitute electrical tape. Component approvals and performance characteristics are based on Drexan specific parts only. Substitution will void warrantee, approvals and performance claims.

The heating cable core is conductive and can short if not properly insulated and kept dry.

Heating cable core bus wires can overheat and short when damaged. When cutting the cable jacket or core do not break bus wire strands.

Component and heating cable ends must be kept dry before and during installation. Fire-resistant thermal insulation materials should be used.

SPECIFICATIONS

120 – 277 Volt.

3 – 10 W/ft., Maximum 32A. Maximum continuous exposure temperature +150°F/65°C.

Minimum bend radius: 1.18 in. (30 mm) @ 68°F/20°C

APPROVALS



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Class I, Div. 2, Groups A, B, C, D

Class II, Div. 2, Groups E, F, G

Class III

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KIT CONTENTS

- (2) ¾" Liquid Tight Connectors
- Aluminum Strain Relief (cap, washer, grommet, base)
- ¾" Rigid Coupling
- Liquid Tight Conduit (1 x 60 cm)
- Installation Instructions

REQUIRED BUT NOT PROVIDED

Materials

- Pipe Straps
- Cable Lubricant
- Glass Fiber Cloth Tape, Drexan Cat.# TAPE-GCR-HT / TAPE GCS-LT or equivalent

Equipment

- Utility Knife
- Wire Stripper
- Wire Cutter
- Crimp Tool
- Multi-head Screwdriver
- Heat Gun
- Pipe Wrench
- Needle Nose Pliers

ASSEMBLY INSTRUCTION DETAILS

1. Cut Liquid Tight Conduit to length required to transit to next location.
2. Install ¾" Liquid Tight Connector on each end.
3. Screw one end into GUP or T27 Housing.



4. Install ¾" Rigid Coupling on opposite end.
5. Disassemble Strain Relief and install Strain Relief housing into ¾ Inch Rigid Coupling.
6. Install Heater into GUP or T27 Housing using instructions (i.e. DREX0003, 0004, 0005 or 0006, as applicable).
7. Ensure that heater wire is stripped for the full length of the Flexible Extension so that hot wire does not enter the box.

