**FE Style Heating Cable**

**Maximum Temperature:** 400°F (204°C)

The FE Style cable heating element is tension wrapped and covered with a fluorocarbon film and enclosed in a minimum 20 mm Teflon® FEP abrasion resistant extruded jacket. This tough outer cover provides moisture and dielectric protection as well as resistance to abrasion. A layer of tinned copper braid is then applied to meet NEC code and to provide mechanical protection as well as a low resistance to ground.

**Design Features**

- Temperature Exposure Rating 400°F (204°C)
- Ease of installation — cut to length at the job site
- Moisture and chemical resistant
- Stands up to repeated handling and flexing
- Field proven industrial grade construction
- Single end power connection

**Agency Approvals**

- Factory Mutual
  - Ordinary Locations
  - Hazardous Locations:
    - Class I, Division 2, Groups B, C & D
    - Class II, Division 2, Groups E, F & G
    - Class III, Division 2
- CSA (120 and 240 VAC only)
  - Ordinary Locations
  - Hazardous Locations:
    - Class I, Division 2, Groups B, C & D
    - Class II, Division 2, Groups F & G
    - Class III, Division 2

**Typical Applications**

- Mid-Temperature Control
- Food Processing Plants
- Freeze Protection
- Chemical Processing Plants
- Hazardous Locations
- Water Lines/Condensate Return Lines

**Specifications**

- **Voltages Available:** 120, 208, 240, 480V
- **Wattages:** 3, 5, 8, 12 (W/ft.)
- **Outside Dimensions:** Nom. .300” × .200”
- **Exposure Rating:** 400°F (204°C)
- **De-Energized:** 450°F (232°C)
- **Standard Metal Overbraid:** Tinned Copper (Optional Stainless Steel)
- **Moisture and Chemical Resistance:** Excellent
- **Flame Resistance:** Outstanding
- **Radiation Resistance:** Fair to Good

**Ordering Information**

Tempco’s FE Constant Wattage Heat Trace Cable is sold by part number and length. The cable part number is put together as follows:

**HTP02**

- **Wattage—watts/ft.**
  - 3 W/ft. = 3
  - 5 W/ft. = 5
  - 8 W/ft. = 8
  - 12 W/ft. = 2

- **Voltage**
  - 120 VAC = 1
  - 240 VAC = 2
  - 208 VAC = 3
  - 480 VAC = 4

**Note:** Due to code requirements, FE cable has a metal overbraid.

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)