

### Constant Wattage Heat Trace Cable

**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**

#### 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" x .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

#### 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



#### 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:

**H T P 0 2**

##### 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

##### Outer Layer

- 0 = Standard Tinned Copper Braid
- 3 = Stainless Steel Braid



**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).

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