

**BriskHeat® FE General Purpose Constant-Wattage Heating Cable**

**Product Highlights**

- ✓ Temperatures up to 400°F (204°C)
- ✓ Power remains constant regardless of temperature
- ✓ Can be cut-to-length at job site
- ✓ Ideal for wide range of general purpose applications:
  - Mid-range process temperature control for food and chemical processing
  - Water lines
  - Fire protection systems
  - Fuel oil
  - Condensate return
  - Hot water lines
  - Lines periodically purged with 250 psig steam

**Specifications:**

- Maximum exposure temperature is 400°F (204°C)
- Moisture, chemical, flame, and radiation resistant
- 12AWG bus wires
- Dimensions 0.2" x 0.3" (5 x 8mm)
- 40lb (18kg) per 500-foot (152m) spool

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**Approvals:**



Ordinary Locations  
 Hazardous Locations:  
 Class I, Division 2, Groups B, C, & D  
 Class II, Division 2, Groups F, & G  
 Class III, Division 2



Ordinary locations  
 (120, 240VAC only)

**Approvals valid only when** used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

**Ordering Information:**

**Part Number Matrix**

**FECAB 3 120 B**

TEFLON® FEP Cable: \_\_\_\_\_

Watts / ft: \_\_\_\_\_

3- (3), 5- (5), 8- (8), 12- (12)

Voltage: \_\_\_\_\_

120- (120), 208- (208), 240- (240), 277- (277), 480- (480)

Braid Type: \_\_\_\_\_

B- (tinned copper metal braid), SS- (stainless steel overbraid)

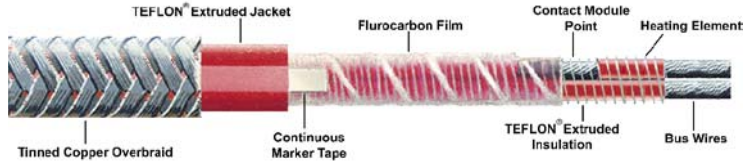
**FE Connection / Termination Kits**

Part Number	Description
FECABUC	Universal Connection / Termination Kit
FECABKC	Lead / End Seal Kit
FECABSK	Splice Kit
FECABLP	Lead Pouch
FECABEP	End Pouch

Temperatures up to



**400°F (204°C)**



**Maximum Circuit Length in ft (m)**

Cable	120VAC	208VAC	240VAC	277VAC	480VAC
3 watts/ ft (10 watts/ m)	360 (110)	625 (191)	720 (220)	N/A	1440 (439)
5 watts/ ft (16 watts/ m)	275 (84)	477 (145)	550 (168)	N/A	1100 (335)
8 watts/ ft (26 watts/ m)	220 (67)	381 (116)	440 (134)	508 (155)	880 (268)
12 watts/ ft (39 watts/ m)	180 (55)	312 (95)	360 (110)	416 (127)	720 (220)

**Circuit Module Length in ft (m)**

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
3 watts/ ft (10 watts/ m)	2.0 (0.6)	4.0 (1.2)	4.0 (1.2)	N/A	8.0 (2.4)
5 watts/ ft (16 watts/ m)	2.0 (0.6)	4.0 (1.2)	3.0 (0.9)	N/A	6.0 (1.8)
8 watts/ ft (26 watts/ m)	2.0 (0.6)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	6.0 (1.8)
12 watts/ ft (39 watts/ m)	2.0 (0.6)	6.0 (1.8)	2.0 (0.6)	4.0 (1.2)	4.0 (1.2)

*When ordering, please allow a minimum of 1 module length extra for terminations.*

**Accessories**

Part Number	Description
AAT260 AAT2180	Aluminum Adhesive Tape: 2" x 180' (51mm x 55m). Temp Limit: 350°F (176°C) 2" x 180' (51mm x 55m). Temp Limit: 550°F (288°C)
BCLCAB	Electrical heat trace warning label. Required by code for every 10ft (3m) of pipe.
BPSCAB2-6	Stainless steel pipe straps used to secure pipe standoff to pipe. Adjustable from 2" to 6" (51 x 152mm)
HCP1 HCP3	Heat Conductive Putty. Used to fill voids between cable and pipe surface: 1 lb. (0.5kg) 3 lb. (1.4kg)
PSAT36A	Pressure Sensitive Fiberglass Adhesive Tape. Size: 0.5" x 108' (13mm x 38m). Temp Limit: 350°F (176°C)
RTV3.0	Silicone sealant used to seal lead pouches, end pouches, and pipe standoffs. 3 oz. (89ml)
JBACAB001 JBACAB002	Metallic Junction Box with cover and gasket: Single hub Double hub

See page 8-15 through 8-16 for complete details on power connection / termination kits, monitor light kits, and accessories.

**IMPORTANT: Temperature controller is required for this product. See page 10-1 for options.**