

# O.E.M. HEATERS

## KM Constant Wattage Heat Cable

### Product Highlights

- Temperatures to 500°F (260°C)
- Power remains constant regardless of temperature
- Can be cut-to-length at job site
- Ideal for a wide range of general purpose applications:
  - Viscosity Control
  - Freeze Protection
  - High Temp process control
  - Power Plants
  - Food Processing Plants
  - Water treatment plants
  - Oil Refineries
  - Other explosive atmospheres

### Specifications

- Maximum exposure temperature is 500°F (260°C)
- Moisture, chemical, flame and radiation resistant
- 12AWG or 16AWG bus wires
- Dimensions .2" x .3"

### Approvals:



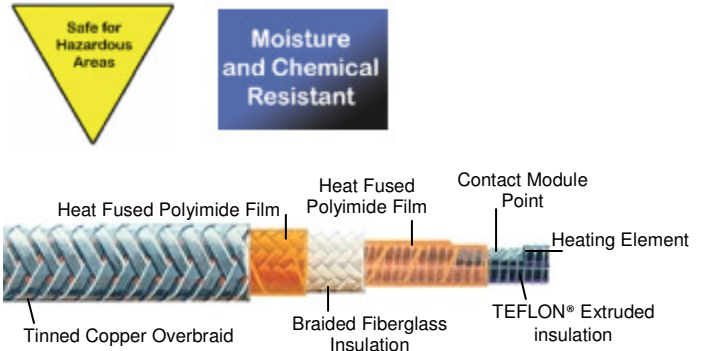
Ordinary Locations  
 Hazardous Locations:  
 Class I, Division 2, Groups B, C, & D  
 Class II, Division 2, Groups F, & G  
 Class III, Division 2

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

### KM Connection / Termination Kits

Part Number	Description
KCABUC	Universal Connection / Termination Kit
KCABKC	Lead / End Seal Kit
KCABSK	Splice Kit
KCABLP	Lead Pouch
KCABEP	End Pouch

**Important:** A Temperature Controller is Required for this product! See our control page for options.



### Maximum Circuit Length in ft (m)

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
4 watts/ft 16AWG (13 watts/ m)	190 (58)	329 (100)	380 (116)	439 (134)	760 (232)
4 watts/ft 12AWG (13 watts/ m)	310 (94)	537 (164)	620 (189)	716 (218)	1240 (378)
8 watts/ ft 16AWG (26 watts/ m)	112 (34)	194 (59)	224 (68)	259 (79)	448 (137)
8 watts/ ft 12AWG (26 watts/ m)	220 (67)	381 (116)	440 (134)	508 (155)	880 (268)
12 watts/ ft 12AWG (39 watts/ m)	180 (55)	312 (95)	360 (110)	416 (127)	720 (219)

### Circuit Module Length in ft (m)

Cable Type	120VAC	208VAC	240VAC	277VAC	480VAC
4 watts/ft 16AWG (13 watts/ m)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	8.0 (2.4)
4 watts/ft 12AWG (13 watts/ m)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	8.0 (2.4)
8 watts/ ft 16AWG (26 watts/ m)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	6.0 (1.8)
8 watts/ ft 12AWG (26 watts/ m)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)	6.0 (1.8)
12 watts/ ft 12AWG (39 watts/ m)	4.0 (1.2)	6.0 (1.8)	4.0 (1.2)	4.0 (1.2)	4.0 (1.2)

### 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	Metalic Junction Box with cover and gasket: Single hub Double hub