



THERMA-PIPE

Series Resistance Plug-In Heating Cable for Pipes



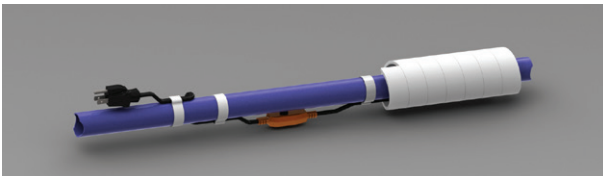
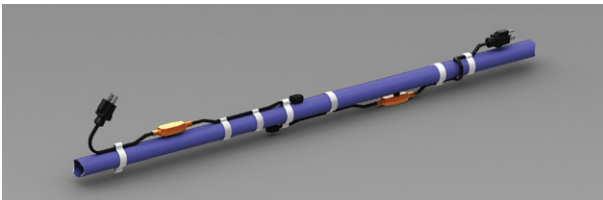
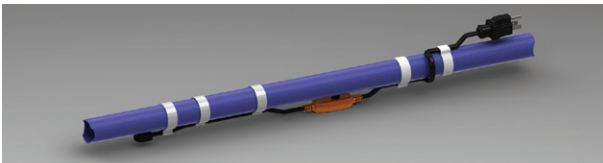
DESCRIPTION

The Therma-Pipe (BFPC) electric heating cable replaces the heat that is lost through the thermal insulation layer. Replacing the lost heat allows the pipe and water inside the pipe to be kept at a constant temperature. With a built-in bimetallic thermostat (inside the black cap), the heating cable is operating only when the thermostat is at a temperature of 4 °C (40 °F) or less.

The heating cable will be applied straight along pipe, and will protect pipes up to 1.5 in. (3.8 cm) in diameter. Therma-Pipe (BFPC) heat-tracing systems are approved and qualified for the applications of freeze protection of insulated metallic or plastic general water piping at the generally accepted maintenance temperature of 4 °C (40 °F) with approved accessories.

FEATURES

- Suitable for pipe tracing and freeze protection.
- Keeps water flowing in pipes and valves.
- Easy to connect, pre-assembled plug-in cable.
- High flexibility with variety of lengths available.
- Built-in thermostat included (inside black cap).



SPECIFICATIONS

Voltage	120V.
Cable type	Series resistance.
Usage	WS: Wet test and weather resistance.
Min. bending radius	0.3" (8 mm).
Installation temperature	Min. installation temperature: 0 °C (32 °F).
Operating temperature	Max. continuous operating temperature: 25 °C (77 °F).

INSTALLATION

Refer to the Therma-Pipe (BFPC) installation manual for complete installation instructions. Electrical connection of the heating system and thermostat should be done only by a qualified electrician.

WARRANTY

Warranted free from manufacturers defect for 2 years. Visit www.britech.ca for limited warranty details.



PIPE LENGTH (FT.)	PIPE DIAMETER				
	1/2"	3/4"	1"	1.25"	1.5"
3	1 ^③	1 ^③	1 ^③	1 ^③	1 ^③
4	1 ^③	1 ^③	1 ^③	2 ^③	2 ^③
5	1 ^③	1 ^③	2 ^③	2 ^③	2 ^③
6	1 ^⑥	1 ^⑥	1 ^⑥	1 ^⑥	1 ^⑥
7	1 ^⑥	1 ^⑥	1 ^⑥	1 ^③ +1 ^⑥	1 ^③ +1 ^⑥
8	1 ^⑥	1 ^⑥	1 ^⑥	1 ^③ +1 ^⑥	1 ^③ +1 ^⑥
9	1 ^⑨	1 ^⑨	1 ^⑨	1 ^⑨	1 ^⑨
10	1 ^⑨	1 ^⑨	1 ^⑨	1 ^⑨	2 ^⑥
11	1 ^⑨	1 ^⑨	1 ^⑨	2 ^⑥	2 ^⑥
12	1 ^⑫	1 ^⑫	1 ^⑫	1 ^⑫	1 ^⑫
13	1 ^⑫	1 ^⑫	1 ^⑫	1 ^⑫	1 ^⑥ +1 ^⑨
14	1 ^⑫	1 ^⑫	1 ^⑫	1 ^⑥ +1 ^⑨	1 ^⑥ +1 ^⑨
15	1 ^⑮	1 ^⑮	1 ^⑮	1 ^⑮	1 ^⑮
16	1 ^⑮	1 ^⑮	1 ^⑮	1 ^⑮	2 ^⑨
17	1 ^⑮	1 ^⑮	1 ^⑮	2 ^⑨	2 ^⑨
18	1 ^⑱	1 ^⑱	1 ^⑱	1 ^⑱	1 ^⑱
20	1 ^⑱	1 ^⑱	1 ^⑱	1 ^⑱	1 ^⑨ +1 ^⑫
22	2 ^⑫	2 ^⑫	2 ^⑫	2 ^⑫	2 ^⑫
24	1 ^⑳	1 ^⑳	1 ^⑳	1 ^⑳	1 ^⑳
26	1 ^⑳	1 ^⑳	1 ^⑳	1 ^⑫ +1 ^⑮	1 ^⑫ +1 ^⑮
28	1 ^⑫ +1 ^⑮	1 ^⑫ +1 ^⑮	1 ^⑫ +1 ^⑮	1 ^⑫ +1 ^⑮	1 ^⑫ +1 ^⑮
30	1 ^⑳	1 ^⑳	1 ^⑳	1 ^⑳	1 ^⑳
35	2 ^⑱	2 ^⑱	2 ^⑱	2 ^⑱	2 ^⑱
40	1 ^{④①}	1 ^{④①}	1 ^{④①}	1 ^{④①}	1 ^{④①}
45	1 ^⑱ +1 ^⑳	1 ^⑱ +1 ^⑳	1 ^⑱ +1 ^⑳	1 ^⑱ +1 ^⑳	1 ^⑱ +1 ^⑳
50	2 ^⑳	2 ^⑳	2 ^⑳	2 ^⑳	1 ^⑫ +1 ^{④①}
55	1 ^⑳ +1 ^{④①}	1 ^⑳ +1 ^{④①}	1 ^⑳ +1 ^{④①}	1 ^⑳ +1 ^{④①}	1 ^⑱ +1 ^{④①}
60	1 ^{⑥①}	1 ^{⑥①}	1 ^{⑥①}	1 ^{⑥①}	1 ^{⑥①}
65	1 ^⑥ +1 ^{⑥①}	1 ^⑥ +1 ^{⑥①}	1 ^⑥ +1 ^{⑥①}	1 ^⑥ +1 ^{⑥①}	1 ^⑥ +1 ^{⑥①}
70	1 ^{④①} +1 ^{④①}	1 ^{④①} +1 ^{④①}	1 ^{④①} +1 ^{④①}	1 ^{④①} +1 ^{④①}	1 ^⑫ +1 ^{⑥①}
75	1 ^⑮ +1 ^{⑥①}	1 ^⑮ +1 ^{⑥①}	1 ^⑮ +1 ^{⑥①}	1 ^⑮ +1 ^{⑥①}	1 ^⑮ +1 ^{⑥①}
80	1 ^{⑧①}	1 ^{⑧①}	1 ^{⑧①}	1 ^{⑧①}	1 ^{⑧①}
85	1 ^⑳ +1 ^{⑥①}	1 ^⑳ +1 ^{⑥①}	1 ^⑳ +1 ^{⑥①}	1 ^⑳ +1 ^{⑥①}	1 ^⑥ +1 ^{⑧①}
90	1 ^{④①} +1 ^{⑥①}	1 ^{④①} +1 ^{⑥①}	1 ^{④①} +1 ^{⑥①}	1 ^{④①} +1 ^{⑥①}	1 ^{④①} +1 ^{⑥①}
95	1 ^⑱ +1 ^{⑧①}	1 ^⑱ +1 ^{⑧①}	1 ^⑱ +1 ^{⑧①}	1 ^⑱ +1 ^{⑧①}	1 ^⑱ +1 ^{⑧①}
100	1 ^{④①} +1 ^{⑥①}	1 ^{④①} +1 ^{⑥①}	1 ^{④①} +1 ^{⑥①}	1 ^{④①} +1 ^{⑥①}	1 ^{④①} +1 ^{⑥①}

PIPE INSULATION

The pipe length chart is calculated based on 1/2" fiberglass insulation. Closed-cell flexible foam insulation may also be used.

TEMPERATURE MAINTENANCE

The pipe length chart is based on the generally accepted maintenance temperature 4 °C (40 °F) for freeze protection.

PIPE SIZES

For pipe sizes not listed on the pipe length chart or for more information and assistance with cable selection contact Britech.

MODELS

PRODUCT #	LENGTH (FT.)	WATTS	AMP.
③ BFPC1-1A003	3	21	0.18
⑥ BFPC1-1A006	6	42	0.35
⑨ BFPC1-1A009	9	63	0.51
⑫ BFPC1-1A012	12	84	0.70
⑮ BFPC1-1A015	15	105	0.88
⑱ BFPC1-1A018	18	126	1.05
⑳ BFPC1-1A024	24	168	1.40
④① BFPC1-1A030	30	210	1.75
④① BFPC1-1A040	40	280	2.34
⑥① BFPC1-1A060	60	420	3.50
⑧① BFPC1-1A080	80	560	4.67

ORDERING INFORMATION

Product selection is based on length of pipe. Use the pipe length chart to select the proper cables by determining the pipe length and diameter.

Examples:

- 1^{⑥①} = One BFPC1-1A060 heating cable.
- 2^③ = Two BFPC1-1A003 heating cable.
- 1^⑫+1^⑮ = One BFPC1-1A012 and one BFPC1-1A015 heating cable.