



**BFPC**

## THERMA-PIPE 120V Preassembled Series Resistance Heating Cable for Pipes

### Features

#### Nominal voltage

- 120V.

#### Linear density

- 7 Watts per foot.

#### Cold lead length

- 30 in. (0.76 m).

#### Outer jacket

- PVC.

#### Bus wire

- Nickel plated copper.

#### Minimum bend radius

- 5/16 in. (8 mm).

#### Rating

- Wet rated, for outdoor use (WS).

#### Included hardware

- Built-in bi-metal thermostat energizes the cable when temperature falls below 4 °C (40 °F).
- Grounded 3-pronged plug with indicator light to show when the cable is on.

#### Installation

- **Never cut or shorten the heating cable.**
- Installation under the insulation of the pipe.
- For indoor and outdoor applications.
- Minimum installation temperature: 0 °C (32 °F).

#### Operating temperature

- Max. continuous operating temperature : 25 °C (77 °F).

#### Warranty

- 2-year basic warranty on the heating cable.

#### Application

- Metallic and non-metallic pipes.
- Helps to prevent damage caused by frozen pipes.





**Models**

	Product #	Price	Amp.	Length		Watts
				ft.	m	
③	BFPC1-1A003		0.18	3	0.9	21
⑥	BFPC1-1A006		0.35	6	1.8	42
⑨	BFPC1-1A009		0.51	9	2.7	63
⑫	BFPC1-1A012		0.70	12	3.7	84
⑮	BFPC1-1A015		0.88	15	4.6	105
⑱	BFPC1-1A018		1.05	18	5.5	126
⑳	BFPC1-1A024		1.40	24	7.3	168
㉓	BFPC1-1A030		1.75	30	9.0	210
㉔	BFPC1-1A040		2.34	40	12.2	280
⑥①	BFPC1-1A060		3.50	60	18.3	420
⑧①	BFPC1-1A080		4.67	80	24.4	560

Pipe length ft.	Pipe diameter				
	1/2"	3/4"	1"	1.25"	1.5"
3	1③	1③	1③	1③	1③
4	1③	1③	1③	2③	2③
5	1③	1③	2③	2③	2③
6	1⑥	1⑥	1⑥	1⑥	1⑥
7	1⑥	1⑥	1⑥	1③+1⑥	1③+1⑥
8	1⑥	1⑥	1⑥	1③+1⑥	1③+1⑥
9	1⑨	1⑨	1⑨	1⑨	1⑨
10	1⑨	1⑨	1⑨	1⑨	2⑥
11	1⑨	1⑨	1⑨	2⑥	2⑥
12	1⑫	1⑫	1⑫	1⑫	1⑫
13	1⑫	1⑫	1⑫	1⑫	1⑥+1⑨
14	1⑫	1⑫	1⑫	1⑥+1⑨	1⑥+1⑨
15	1⑮	1⑮	1⑮	1⑮	1⑮
16	1⑮	1⑮	1⑮	1⑮	2⑨
17	1⑮	1⑮	1⑮	2⑨	2⑨
18	1⑱	1⑱	1⑱	1⑱	1⑱
20	1⑱	1⑱	1⑱	1⑱	1⑨+1⑫
22	2⑫	2⑫	2⑫	2⑫	2⑫
24	1⑳	1⑳	1⑳	1⑳	1⑳
26	1⑳	1⑳	1⑳	1⑫+1⑮	1⑫+1⑮
28	1⑫+1⑮	1⑫+1⑮	1⑫+1⑮	1⑫+1⑮	1⑫+1⑮
30	1㉓	1㉓	1㉓	1㉓	1㉓
35	2⑱	2⑱	2⑱	2⑱	2⑱
40	1㉔	1㉔	1㉔	1㉔	1㉔
45	1⑱+1㉔	1⑱+1㉔	1⑱+1㉔	1⑱+1㉔	1⑱+1㉔
50	2㉔	2㉔	2㉔	2㉔	1⑫+1㉔
55	1㉔+1㉓	1㉔+1㉓	1㉔+1㉓	1㉔+1㉓	1⑱+1㉔
60	1⑥①	1⑥①	1⑥①	1⑥①	1⑥①
65	1⑥+1⑥①	1⑥+1⑥①	1⑥+1⑥①	1⑥+1⑥①	1⑥+1⑥①
70	1㉔+1㉓	1㉔+1㉓	1㉔+1㉓	1㉔+1㉓	1⑫+1⑥①
75	1⑮+1⑥①	1⑮+1⑥①	1⑮+1⑥①	1⑮+1⑥①	1⑮+1⑥①
80	1⑧①	1⑧①	1⑧①	1⑧①	1⑧①
85	1㉔+1⑥①	1㉔+1⑥①	1㉔+1⑥①	1㉔+1⑥①	1⑥+1⑧①
90	1㉓+1⑥①	1㉓+1⑥①	1㉓+1⑥①	1㉓+1⑥①	1㉓+1⑥①
95	1⑱+1⑧①	1⑱+1⑧①	1⑱+1⑧①	1⑱+1⑧①	1⑱+1⑧①
100	1㉔+1⑥①	1㉔+1⑥①	1㉔+1⑥①	1㉔+1⑥①	1㉔+1⑥①

**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.

**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:

1⑥① = One BFPC1-1A060 heating cable.

2③ = Two BFPC1-1A003 heating cable.

1⑫+1⑮ = One BFPC1-1A012 + One BFPC1-1A015 heating cables.