



PT

Ultra High Temperature Constant Wattage Heating Cable PT

Features

Outer jacket

- Stainless steel braided (SB).

Bus wire

- Nickel plated copper.

Maximum maintenance temperature (continuous)

- 204 °C (400 °F).

Maximum exposure temperature (intermittent)

- 288 °C (550 °F).

Nominal voltage

- See table Watts/ft. (m) at alternate voltages.

Bending radius, minimum

- 25 mm (1 in.).

Installation temperature, minimum

- -21 °C (-5 °F).

Approvals

- Ordinary locations: FM Approved for pipe tracing
- Hazardous locations: FM Approved for Class I, Division 2, Groups B, C, and D

Warranty

- 1-year basic warranty on the heating cable.

Application

- Freeze protection and process heating applications.





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Models

Product # ¹	Volts	Nominal output		Amp.		Zone length ²		Max. circuit length ³	
		W/ft.	W/m	ft.	m	in.	cm	ft.	m
PT-3-SB	120	3	10	.025	.08	24	61	390	119
PT-6-SB	120	6	20	.050	.16	24	61	280	85
PT-8-SB	240	8	26	.033	.11	24	61	480	146
PT-10-SB	120	10	33	.083	.27	24	61	210	64

¹ Standard stainless steel braided.

² One complete heating zone is the distance between two successive bus connections.

³ Maximum circuit length is defined as the length of cable at which the heat output, due to voltage drop, decreases to 90 percent of the heat output at the power connection point.

Watts/ft. (m) at alternate voltages

Product #	120V	208V	240V	277V
PT-3-SB	3 (10)	9 (30)	12 (39)	-
PT-6-SB	6 (20)	-	-	-
PT-8-SB	2 (7)	6 (20)	8 (26)	11 (35)
PT-10-SB	10 (33)	-	-	-

Zone marker:

Zone Markers for PF series cable may be raised bumps on the edge of the cable. (Braid may have to be pulled away to locate.)

Use of ground fault protective devices and metallic overshield

NEC CODE 2017, ARTICLE 427-22:

Equipment Protection. Ground-fault protection of equipment shall be provided for electric heat tracing and heating panels. This requirement shall not apply in industrial establishments where there is alarm indication of ground faults and the following conditions apply:

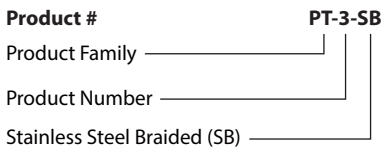
- (1) Conditions of maintenance and supervision ensure that only qualified persons service the installed systems.
- (2) Continued circuit operation is necessary for safe operation of equipment or processes.

NEC CODE 2017, ARTICLE 427-23:

Grounded Conductive Covering. Electric heating equipment shall be listed and have a grounded conductive covering in accordance with 427.23(A) or (B). The conductive covering shall provide an effective ground path for equipment protection.

(a) Heating Wires or Cables. Heating wires or cables shall have a grounded conductive covering that surrounds the heating element and bus wires, if any, and their electrical insulation.

Product description code (example)



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Accessories

See Accessories section.