

Output Self-Controlling Heating Cable

TECHEATER®



Output Self-Controlling Heating Cable

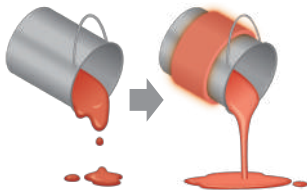
Waterproof type

- For 100V / 200V
- Up to 50m
- PSE Certification
(PSE:Electrical Appliances and Materials Safety Act)



TECHEATER is active in various applications

Reduce viscosity



Pipes

- Anti-freezing
- Prevention of temperature drop



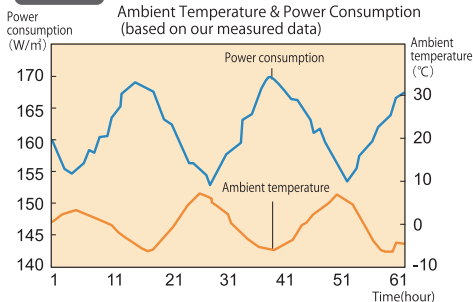
Prevention of condensation



Major features of TECHEATER

Feature1 Efficient Energy-Saving Capability

Ambient Temperature & Power Consumption
(based on our measured data)



TECHEATER controls its temperature by itself to maintain a certain temperature in response to changes in the environmental temperature.

Feature2 Superior Safety



Since TECHEATER is self output control type, there will be no abnormal overheating or burning out even without using temperature-controlling thermostat.

Feature3 High Shape/Length Flexibility



It can be installed easily on bumpy and complicated shapes of piping. In addition, it can be used in a desired length by cutting freely.

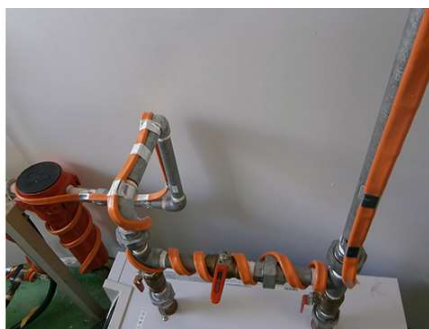


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◎ Specifications (200V)

*Purpose: Prevention of freezing of pipes (heater temperature: 40°C)

| | Product Number | Length (m) | Electric Power (W) (-20°C [-4°F] thermostatic chamber) | Electric Power (W) (0°C [32°F] thermostatic chamber) | Electric Power (W) (20°C [68°F] thermostatic chamber) | Standard Weight (g/m)*1 | Width of Heating Area (mm) | Thickness of Heating Area (mm) | Voltage (VAC) | Temperature Range |
|-----|----------------|------------|--|--|---|-------------------------|----------------------------|--------------------------------|---------------|-------------------------|
| T6 | T6-30-01 | 1 | 35 | 29 | 23 | 191 | 18.5±1.5 | 7.5±1.0 | 200 | -30°C~60°C |
| | T6-30-02 | 2 | 70 | 58 | 46 | | | | | |
| | T6-30-03 | 3 | 105 | 87 | 69 | | | | | |
| | T6-30-05 | 5 | 175 | 145 | 115 | | | | | |
| | T6-30-10 | 10 | 350 | 290 | 230 | | | | | |
| | T6-30-M50 | 50 | 35 | 29 | 23 | | | | | |
| T9 | T9-30-01 | 1 | 46 | 38 | 32 | 183 | 18.5±1.5 | 7.5±1.0 | 200 | -10°C~100°C |
| | T9-30-02 | 2 | 92 | 76 | 64 | | | | | |
| | T9-30-03 | 3 | 138 | 114 | 96 | | | | | |
| | T9-30-05 | 5 | 230 | 190 | 160 | | | | | |
| | T9-30-10 | 10 | 460 | 380 | 320 | | | | | |
| | T9-30-M50 | 50 | 46 | 38 | 32 | | | | | |
| T12 | T12-30-01 | 1 | 54 | 49 | 43 | 240±10% | 19.0±1.5 | 10.5±1.0 | 200 | -20°C~120°C *2 *3 |
| | T12-30-02 | 2 | 108 | 98 | 86 | | | | | |
| | T12-30-03 | 3 | 162 | 147 | 129 | | | | | |
| | T12-30-05 | 5 | 270 | 245 | 215 | | | | | |
| | T12-30-10 | 10 | 540 | 490 | 430 | | | | | |
| | T12-30-M50 | 50 | 54 | 49 | 43 | | | | | |

*1 The standard weight is the weight of the heater part alone.

*2 The heat-resistant temperature of the power cable is 75°C.

*3 If cable connection and terminal sealing are performed on site, use under 100°C.

◎ T6 Series



with 1m [3.3ft] power cord without a plug



Long Type
(heater part only)

◎ T9 Series

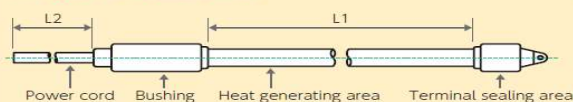


with 1m [3.3ft] power cord without a plug

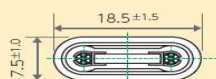


Long Type
(heater part only)

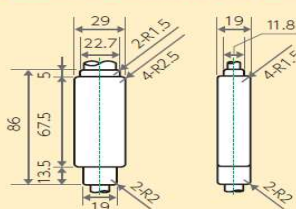
① Figure of TECHEATER



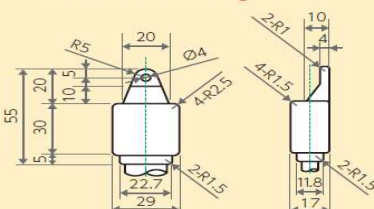
③ Cross section of heat generating area



② External dimensions of bushing



④ External dimensions of terminal sealing area



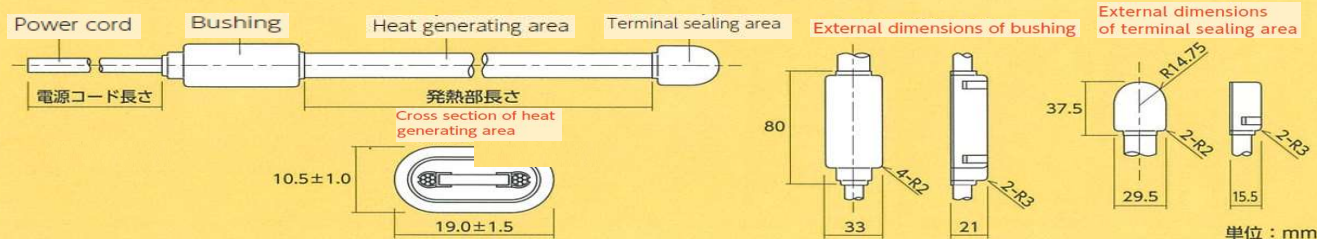
◎ T12 Series



with 1m [3.3ft] power cord without a plug



Long Type
(heater part only)



単位: mm