

## Electrical tracing tubing bundle

## JH-Trace-E series

### Middle-temperature self-regulating electrical tracing tubing bundle EHTP

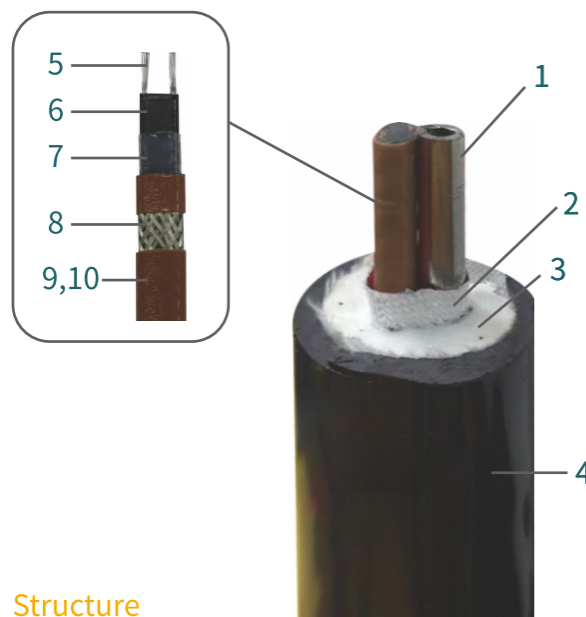
#### Application

Freeze protection and process temperature maintenance

Temperature Range for tube: 5~110°C

HTP self-regulator heating cable can adjust and limit the power output based on temperature detection, the benefit of self-regulator characteristics that it eliminates the possibility of burning itself due to high temperature, but also reduce the possibility of overheating the tubing, its length can be cut as required.

Electric heat tracing tubing bundle with HTP self-regulator heating cable is suitable for the freeze protection and process temperature maintenance of metal or non-metal tube. The product has passed the international ex-proof certification such as IECEx and ATEX, and can be safely used in hazardous area.



#### Technical parameters

Rated power	17, 33, 49, 66 W/m@10°C
Operating voltage	AC110V / AC220V
Temperature range for control	5~110°C
Maximum maintenance temperature	110 °C
Maximum exposure temperature (power off)	135 °C
Minimum installation temperature	-40 °C
Temperature class	T4 135°C

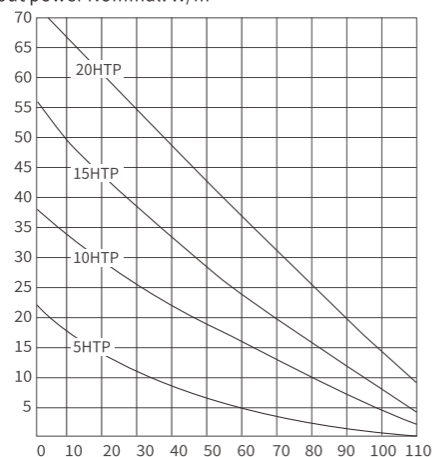
#### Structure

- 1 Process pipeline
- 2 Heat reflecting layer
- 3 Moisture-proof fiber glass wool insulation layer
- 4 Polymer outer sheath
- 5 Tinned copper busbar
- 6 PTC semiconductor material
- 7 Fluorine-containing polymer insulation layer
- 8 Tinned copper wire braiding layer
- 9 CT-fluorine-containing polymer material

#### Power output curve

The output power is obtained based on 220V voltage and with the tracing band placed on the surface of the insulated steel pipe.

Output power Nominal: W/m



\* For the power curve of the product with a rated voltage of 110V, please contact the manufacturer.

#### Product performance

- Self-regulating properties
- It can be cut into any length
- It can be used for the explosion hazard environment.
- Consistent heat transfer and thermal performance