

Electrical tracing tubing bundle

JH-Trace-E series

Parallel constant-power electrical tracing tubing bundle EFCW

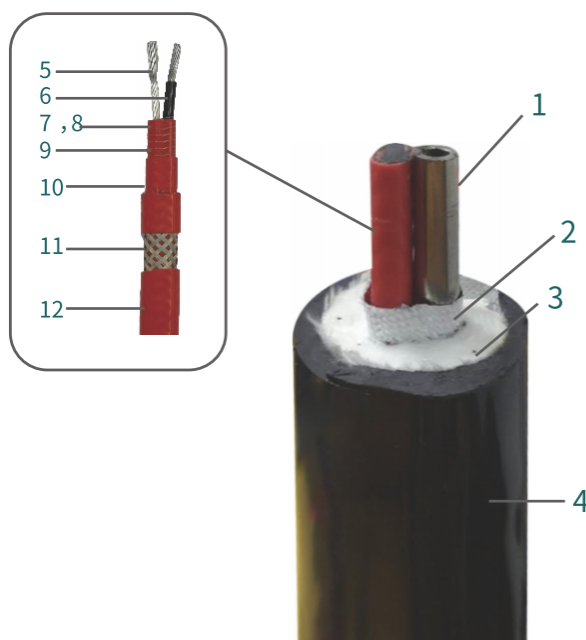
Application

Freeze protection and process temperature maintenance

Temperature Range for tube: 5~150°C

FCW parallel power heating cable has good mechanical performance, low starting current and high temperature resistance. The product has passed the international ex-proof certification such as IECEx and ATEX, and can be safely used in hazardous area. Fluoropolymer outer jacket has corrosion and chemical corrosion characteristics, which can meet the requirements of different environment

It is suitable for tubing freeze protection under high exposure temperature or tubing heat tracing with high power output. Maximum exposure temperature is 260 degreeC.



Technical parameters

Rated power	10, 20, 30, 40 W/m@10°C
Operating voltage	AC220V
Temperature range for control	5-150°C
Maximum maintenance temperature	150 °C
Maximum exposure temperature (power off)	260 °C
Minimum installation temperature	-40 °C

Structure

- 1 Process pipeline
- 2 Heat reflecting layer
- 3 Moisture-proof fiber glass wool insulation layer
- 4 Polymer outer sheath
- 5 Nickel-plated copper busbar
- 6 Conductor insulation layer of high-temperature fluorine material
- 7 Combination layer of high-temperature fluorine material
- 8 Conductive connection point
- 9 Nickel-chromium alloy heating element
- 10 High-temperature fluorine material
- 11 Tinned copper wire braiding mesh
- 12 Sheath of high-temperature fluorine material

Product performance

- The heat output of tracing band is kept constant.
- The tracing band can be cut according to the installation requirements.
- It can be used for the explosion hazard environment.
- Excellent anti-corrosion and resistance to chemical corrosion
- Consistent heat transfer and thermal performance