

## Electroheated tubes



MODEL Z.109 (HEATFLEX)

## Electroheated tubes

### Model Z.109 heatflex



#### Technical features

##### General features

The Electroheated Tubes are made up of an internal teflon tube coated with a stainless steel braiding. An heating element is wound up all throughout their length and they are insulated with a fiberglass braiding and with silicon foamed rubber. A temperature sensor and control cables for the heads are contained inside their structure. The control cables are coated with an external metal braiding protection against abrasion and mechanical stresses and their ends are sealed with silicon or plastic caps.

Electric connections with the applicators are secured with quick coupling connectors.

For conveying of liquids and gas, with constant holding of temperature. Operating temperature from 86 to 500 °F (30...260 °C), special versions up to 662 °F (350°C).

The electrically heated hoses, equipped by their PTFE core, are used in every industrial field, from alimentary to chemical, from automotive to pharmaceutical, in general wherever it is necessary high quality and high resistance hoses and a precise temperature control.

#### How to order

- Model Z.109  
Application: .....  
+ Article number (if known): .....  
+ Tube diameter:.....  
+ Tube length: .....  
+ Junction: .....  
+ Junction material: .....  
+ Working temperature: .....  
+ Pression: .....  
+ Sensor type: .....  
+ Feeding leads length: .....

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- Length: 0.40 cm – 10mt
- Internal tube: PFTE + stainless steel braiding
- Special internal tube (optional): with double stainless steel braiding for high pressures
- Tube internal diameters:  
6 – 8 – 10 – 13 – 19 – 25 mm
- Connection type: BSP or JIC
- Connections (rotating female connections):  
1/4" – 3/8" – 1/2" – 3/4" – 1" Gas
- Optional connections: stainless steel
- Feeding voltage: 230 VAC (other voltages, upon request)
- Heating power: compared to tube diameter and length
- Max. working temperature: 240 °C
- Temperature sensor: Fe-Co or PT100
- Insulation: silicon foamed rubber
- Terminal caps: silicon rubber or plastic reinforced by fiberglass
- External protective braiding: polyester
- Veined version: for all tubes it is possible to insert up to 12 electric cables and Fe-Co cables

For further information please contact our technical dept.

We reserve the right to change technical details.

