

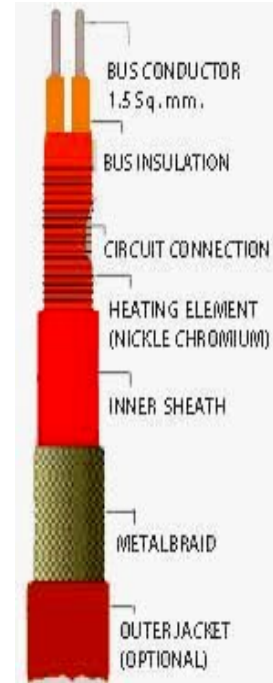
HEAT TRACER: THERMOTRACE - CTL - Cut to length heat tracer for industries.

Thermotrace CTL Electrical Heat Tracers are the apt solution to maintain product temperature inside Vessels, Tanks, Pipeline or Equipments. Thermotrace CTL keeps viscous fluids in flow state avoiding choking of pipelines.

Thermotrace CTL PT (fluoropolymer insulated) is positioned to serve virtually in every process industry - Oil & Gas, Petrochemical, Power, Chemicals & Fertilizers, Metallurgical, Cement, Pharma, Food and Edible oil industries.

Construction

Thermotrace CTL is a constant wattage, parallel circuit heat tracer comprising twin parallel bus wires of multistrand copper. These are insulated with fluoropolymer. Heating Element is wound spirally around the insulated bus and connected alternatively to the bus wires at suitable intervals, forming parallel circuits. The tracer has an insulation sheath followed by metallic braiding for mechanical protection and earth continuity. An outer jacket is offered as an option for corrosive atmospheres.



Features:

Standards: Meets all test requirements of IEC 62395, EN 62395 and BS 6351

Approvals: INTERTEK SEMKO as per IEC 62395 & CCOE & CMRI as per BS 6351

Rugged Construction: Outer metallic braid makes it robust and suited to hostile conditions

Efficient Heat Transfer: Flexible and flat configuration of thermotrace CTL enable an intimate contact with the surface to be heated, ensuring efficient heat transfer

Cut To length: Thermotrace CTL is supplied in continuous long lengths, which can be cut to desire length.

| Specifications: | | |
|------------------------|-----------------------------------|--------------------------------|
| S No. | Description | Details |
| 1 | Bus Conductor | 2 x 1.5 Sq.mm |
| 2 | Bus insulation | fluoropolymer |
| 3 | Sheath | fluoropolymer |
| 4 | Braid | Coated Copper/ Stainless steel |
| 5 | Supply Voltage | 230 V |
| 6 | Power Output (W/m) | 30 |
| 7 | Max. Circuit Length(mtrs) | 90 |
| 8 | Zone Length(mm.) | 1000 |
| 9 | Max. Operating temperature(°C) | 180 |
| 10 | Max. withstand temperature(°C) | 260 |
| 11 | Min. installation temperature(°C) | -55 |
| 12 | Min. Bend Radius | 20 mm |
| 13 | Min. Space between turns | 10 mm |
| 14 | Packing Length in reels(m) | 500 |

- Can also be custom designed to specified operating voltages