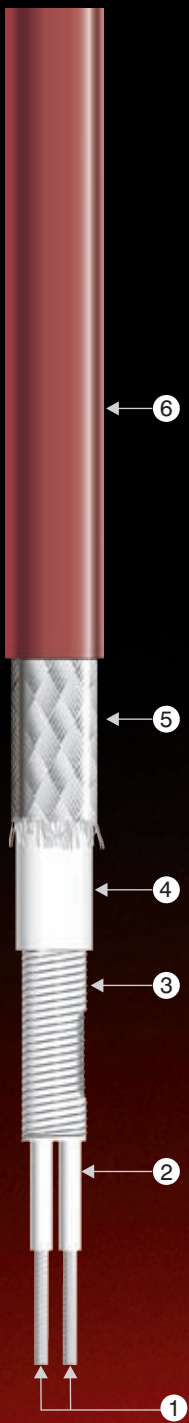


Heat Tracers THERMOTRACE-CTL - Cut to length heat tracers for industries



Thermotrace CTL Electrical Heat Tracers are cut-to-length parallel heat tracers for maintaining product temperature inside vessels, tanks, pipeline or equipments to keep viscous fluids in flow state avoiding choking of pipelines. Thermotrace CTL-PT (PTFE insulated), CTL-SR (Silicon Rubber insulated) is used in the process industry - Oil & Gas, Petrochemical, Power, Chemicals & Fertilizers, Metallurgical, Cement, Pharma, Food and Edible oil industries. Thermotrace CTL-ZH (Polyolefin insulated) finds application for freeze protection in commercial and industrial segments.

Construction

1. Buswires of multistrand copper
2. Insulation (PTFE / Silicon Rubber / LSZH) depending on temperature application
3. Heating Element
4. Insulation Sheath
5. Coated copper (ATC / NPC) braid for mechanical protection and earth continuity
6. Outer Jacket (optional) to enable use in corrosive atmosphere.

Thermopads

Features

Standards	Meets all test requirements of BS-6351 and IEEE515
Approvals	Certified by Central Mining Research Institute (CMRI) and Chief Controller of Explosives (CCOE), India for use in hazardous area
Rugged construction	Outer metallic braid in CTL-PT & CTL-SR makes it robust and suited to hostile conditions
Efficient Heat Transfer	Flexible and flat configuration of the Thermotrace CTL enables 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 desired lengths

Technical Specifications

Model	CTL-ZH		CTL-SR				CTL-PT			
Bus conductor	2x1.5sq.mm		2x1.1sq.mm				2x1.5sq.mm			
Bus insulation	LSZH		Silicon Rubber				PTFE			
Sheath	LSZH		Silicon Rubber				PFA			
Braid	Copper / Coated Copper or Stainless Steel		Copper / Coated Copper or Stainless Steel				Copper / Coated Copper or Stainless Steel			
Supply Voltage	230V		230V				230V			
Power Output (W/m)	10	20	10	20	30	40	16	25	33	45
Max.circuit length (m)	160	112	160	100	90	60	125	100	90	75
Zone length (mm)	1300	1000	1300	1000	1000	1000	1000	1000	1000	1000
Max. Operating Temperature (°C) (Power On)	40	35	190	175	180	120	220	200	180	150
Max. Withstand Temperature (°C) (Power Off)	80°C		220°C				260°C			
Min. Installation Temperature (°C)	-15°C		- 50°C				- 55°C			
Min . Bend radius	30mm		20mm				20mm			
Min. Space between turns	50mm		10mm				10mm			
Packing Length in a Reel	500m		500m				500m			

Can also be custom designed to specified operating voltages

Range

Depending on the application and site conditions (viz. temperature, weather conditions, chemical environment), various insulating materials for Thermotrace CTL can be offered.

Termination Splice Kit

