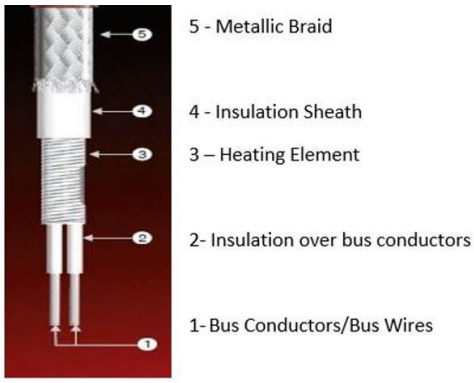
HEAT TRACER: HEATSCALE - CTL

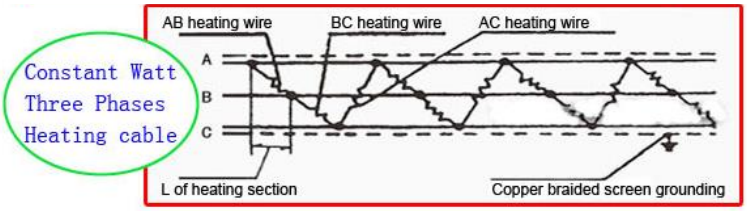
(*Cut to length heat tracer for industries*)

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



HEAT TRACER SECTIONAL VIEW

HEAT TRACER REAL IMAGE



Construction

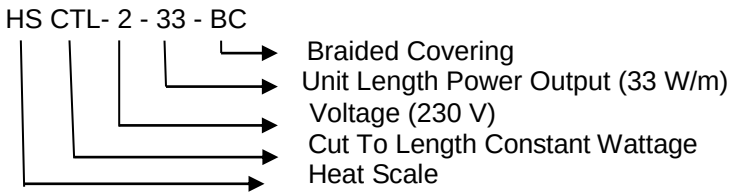
Tracer Model Ranges	10 w/m, 15 w/m, 25 w/m, 33w/m, 45 w/m, 60 w/m & 66w/m
Connection	Single side
Bus Bar	1.5Sq.mm/2.5sq.mm. Nickel Plated copper
Bus Bar Insulation	PTFE (Teflon)
Element	Nicrom wire (non magnetic)
Element insulation	PTFE (Teflon)
Overall	Fiber glass braided with SS shielding
Width	8-10 mm
Thickness	4-5 mm
Length	100 Meter in plastic Reel (or Optional)
Voltage	240 V single phase/ 440 V for 3-Phase
Shape	Flat
Maximum Maintenance Temp.	200 Deg. Cent.
Maximum Exposure Temp.	250 Deg. Cent.
Meggar test (element to shielding)	1 KV
Dielectric test (heating element)	2000V 50Hz/1min
Insulation Resistance (IR Value)	≥20M
Certification	ISO-9001 & 14001

Single Phase & 3-Phase constant-wattage power parallel heat tracing cable structure and working principle

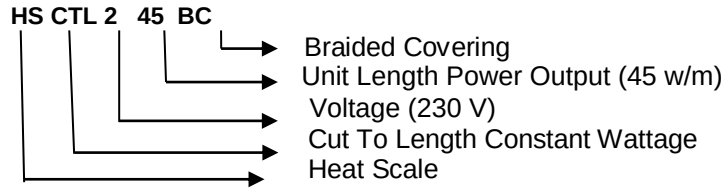
Power bus wire consists of 2 parallel or 3 insulated nickel copper wires with heating wires winded to inner insulation layer, heating wires will be connected to bus wires every certain distance making electrical contacts via notches, which forms continuous parallel resistances after power goes into bus wire all heating coil will heat and form into a continuous heating tape/ heating cable.

Product Model (Nomenclature)

HEAT TRACER FOR PIPELINE HS-CTL-2-33-BC



HEAT TRACER FOR TANKS HS-CTL -2-45-BC



Note: These are the example of naming of our models, we will change the Output/ Voltage/ Over jacketing as per different models in nomenclature.