

# Self regulating heating cable

## CATH

Technical sheet CATH V1



The CATH Self-Regulating Heating Cable is designed for freeze protection and high process temperature maintenance of metal and vessels and equipment where steam cleaning is required.

The unique PTC feature of CATH self-regulating core elements adjust its heat output in response to the surrounding temperature along the entire circuit, delivering more heat where and when required.

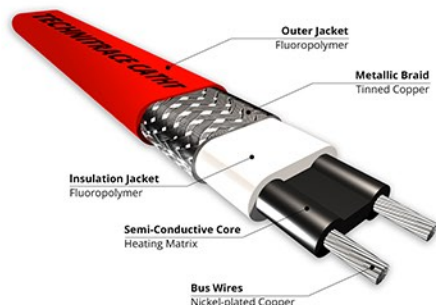
This self-regulating feature also serves to prevent overheating, even in cases where CATH cables overlap.

CATH heating cable system is designed for maximum maintain temperature of 150°C and intermittent exposure temperature of 250°C.

**Do not use with plastic piping**

## Specifications

Max. Intermittent Exposure Temp.	250°C
Max. Maintain or Continuous Exposure Temp.	150°C
Supply Voltage	230 V
Output Wattage	68 W/m @ 5°C
Bus wire	16 AWG
Min. Bending Radius	30mm @20°C, 50mm @-40°C
Min. Installation Temperature	-60°C
Min. Start-up Temperature	-40°C
Maximum Circuit Breaker Size	40A
Outer Jacket Color	Red
Heating Cable Dimensions (Nominal)	13.2x4.5mm
Heating Cable Weight	0.134kg/m



## Connection Kits

TECHNITRACE offers system components for power connections, splice or tee connections and end terminations to ensure proper functioning of the products and comply with warranty and approvals requirements.

For easier installation and safe operation, use of substituted parts are not recommended. Please contact TECHNITRACE for more information on system components.



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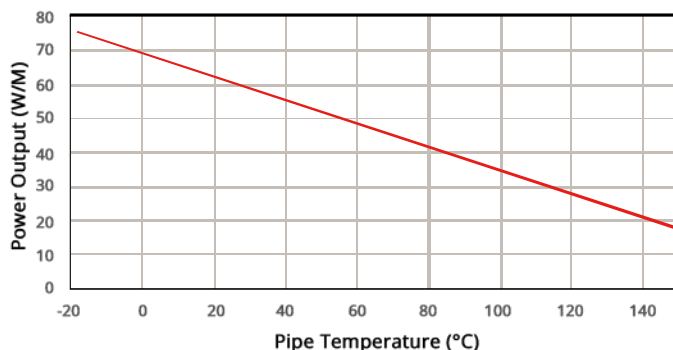
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## CATHT

Technical sheet CATHT V1



### Nominal Power Output Ratings on Insulated Metal Pipes at 230 V



### Max. Circuit Length based on Circuit Breaker Selection

Heating Cable	Start-up Temperature (°C)	Maximum Circuit Length per Circuit Breaker, meters 230V			
		16 A	25 A	32 A	40 A
CATHT 68W	10	46	71	91	95
	-20	40	61	78	81
	-30	38	59	74	78
	-40	37	56	70	75



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