



## SELF LIMITING CABLE - HTT

### Trace Heating

Regulating Tracer suited for high temperature applications for tanks & pipeline. It is suitable for maintaining temperatures up to 180°C These tracers can withstand temperatures associated with steam purging operations in the pipelines.



#### ADVANTAGES:

- High temperature applications
- Can withstand temperatures associated with steam purging operations
- Fluoropolymer jacket providing electrical insulation, mechanical strength & moisture resistance
- UV resistant Fluoropolymer to enable usage in corrosive area & High temperatures.



Heatcom Corporation A/S  
Barmstedt Allé 6  
DK-5500 Middelfart  
Tel. +45 63 41 77 77  
Sales@Heatcom.dk



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#### CONSTRUCTION

The cable consists of a self-regulating parallel circuit of a semi-conductive heating core extruded over plated copper bus wires.

Modified Polyolefin insulation over semi-conductive heating core provides electrical insulation, over which an Aluminum tape with earth drain wire metal sheathing is provided for earthing.

An outer sheath of Modified Polyolefin makes the heating cable robust and waterproof.



1	3.3 Sq.mm Nickel Plated Copper.
2	Fluoropolymer Insulation.
3	Coiled Alloy Heating Element.
4	Fiber Glass braid.
5	Fluoropolymer Jacket providing electrical insulation, mechanical strength & moisture resistance.
6	Coated copper braid to give a continuous ground path.
7	Outer Jacket UV resistant Fluoropolymer to enable usage in corrosive area & High temperatures.

LINK TO OUR WEBSITE



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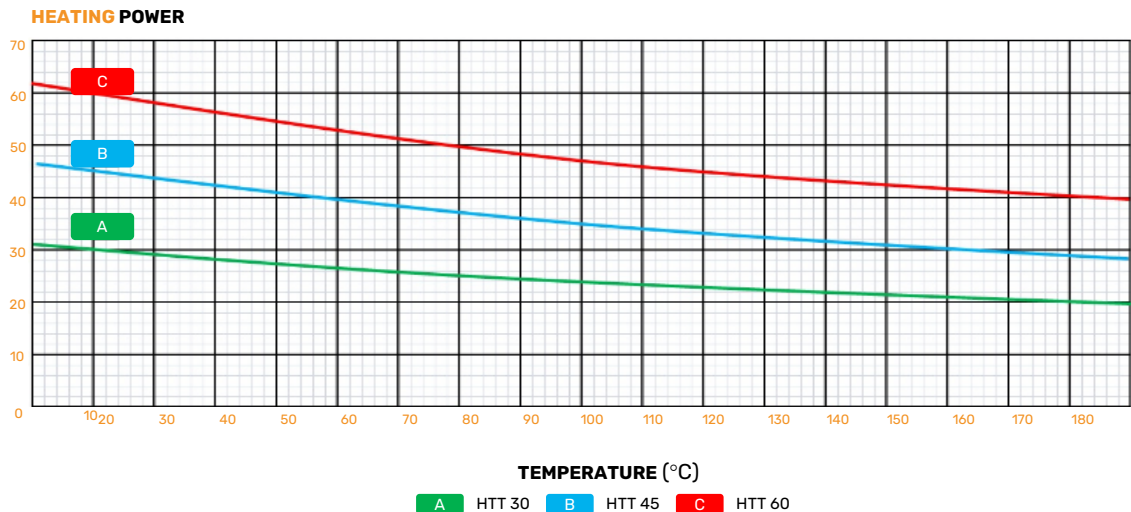
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#### TECHNICAL DATA

Compliance	Standards: EN 60079-0, IS/ IEC / EN 60079-30-1 & EN 60079-31.
Approvals	TI (ATEX) for Zone I / Division II & EAC for use in hazardous area applications.
Safety	As the Cable self regulates its heat output, its limit the maximum sheath temperature, thus making it burnout proof.
Compliance	Standards: EN 60079-0, IS/ IEC / EN 60079-30-1 & EN 60079-31.

	HTT-30	HTT-45	HTT-60
Heating Power W/m (230V AC) at 10 C	30	45	60
Voltage Supply	230/240VAC, 50/60 Hz, 110/120VAC, Max. 500V on request.		
Max. Installation Temperature Power On	180°C	165°C	150°C
Max. Exposure Temperature Power Off	260°C		
Min. Installation Temperature	-65°C		
Minimum Bending Radius	25mm		

#### Power Output Characteristics:



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Circuit Breaker Selection and Maximum Circuit Lengths:

Cable	Output at 10° C, 230V	Maximum Circuit Length	Circuit Breaker Size	Maximum Maintenance Temperature (°C)	Maximum Exposure Temperature (°C)
<b>HTT-30</b>	30 W/m	84	16A	180°C	T3
		130	25A		
		180	32A		
		190	40A		
<b>HTT-45</b>	45 W/m	55	16A	165°C	T3
		90	25A		
		120	32A		
		155	40A		
<b>HTT-60</b>	60 W/m	45	16A	150°C	T3
		70	25A		
		90	32A		
		115	40A		