

Thermotrace Self Limiting / Regulating Tracer - HTT - For High Temperature Applications.

Thermotrace Self limiting regulating tracer is ideally suited for high temperature applications for Tanks & pipeline. It is suitable for maintaining temperatures up to 230 Deg.C. These tracers can withstand temperatures associated with steam purging operations in the pipelines.

Construction.

1. 3.3 Sq.mm Coated Copper Bus wires.
2. Fluoropolymer Insulation
3. Coiled Heater Alloy Heating Element.
4. Fibre 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.

Features.

Standards : Meets applicable test requirements of EN 60079 -0, IS/ IEC / EN 60079 - 30 - 1 & EN 60079 - 31

Approvals : Central Institute of Mining and Fuel Research (CSIR-CIMFR), Dhanbad and approved by Petroleum and Explosives Safety Organization (PESO), Nagpur, India for Zone II , TI (ATEX) for Zone I / Division II & EAC for use in hazardous area applications

Safety : As the Cable self regulates its heat output, it limits the maximum sheath temperature, thus making it burnout proof

Cut to Length : Thermotrace HTT is supplied in continuous long lengths which can be cut to desired lengths.



Technical Specifications

Catalogue Ref.	HTT15	HTT30	HTT45	HTT60
Heating Power W/m at 10° C	15	30	45	60
Voltage Supply	230/240VAC, 50/60 Hz, 110/120VAC, Max. 500V on request.			
Max. Installation Temperature Power On.	230	180	165	150
Max. Operating Exposure Temperature Power Off.	260°C			
Min. Installation Temperature	-65°C			
Min. Bending radius	25mm			

Circuit Breaker Selection and Maximum Circuit Lengths

Catalog Number	Output at 10°C, 230 V	Max. Circuit Length	Circuit Breaker Size	Max. Maintenance Temperature	Unconditional Maint. Temp T Rating at Max. Temp
HTT-15	15 W/m	170	16A	230°C	T2
		270	25A		
HTT-30	30 W/m	84	16A	180°C	T3
		130	25A		
		180	32A		
		190	40A		
HTT-45	45 W/m	55	16A	165°C	T3
		90	25A		
		120	32A		
		155	40A		
HTT-60	60 W/m	45	16A	150°C	T3
		70	25A		
		90	32A		
		115	40A		

