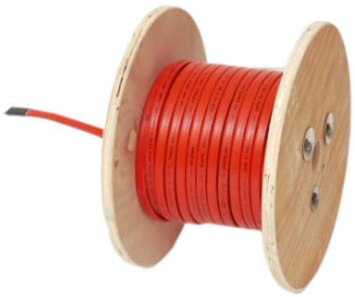
Thermotrace Self-Regulating Tracer–STP (250°C)/STP-M (230°C)



Thermotrace Self Regulating Tracer – STP/STP-M is an ideal solution for High/Medium temperature applications in tanks. Equipped with self-regulating technology, this tracer can adjust its heat output based on the surrounding temperature, ensuring that the contents in the tanks are maintained within a desired range. Thermotrace Self-Regulating Tracer is ideally suited for high/medium temperature applications for Tanks & pipelines. Thermotrace Self-Regulating Tracer is suitable for maintaining temperature up to 150Deg.C (130Deg.C for STP-M) These Tracers allow steam cleaning of the pipelines.
With advanced insulation options like Fluoropolymer, this tracer offers excellent thermal performance and can withstand extreme temperatures and harsh environments. It is easy to install and requires minimal maintenance, making it a cost-effective choice for businesses. Whether it's for heating or temperature maintenance, Thermotrace Self Regulating Tracer – STP/STP-M provides reliable and efficient performance, ensuring the smooth operation of critical systems in High/Medium temperature applications.

Construction:

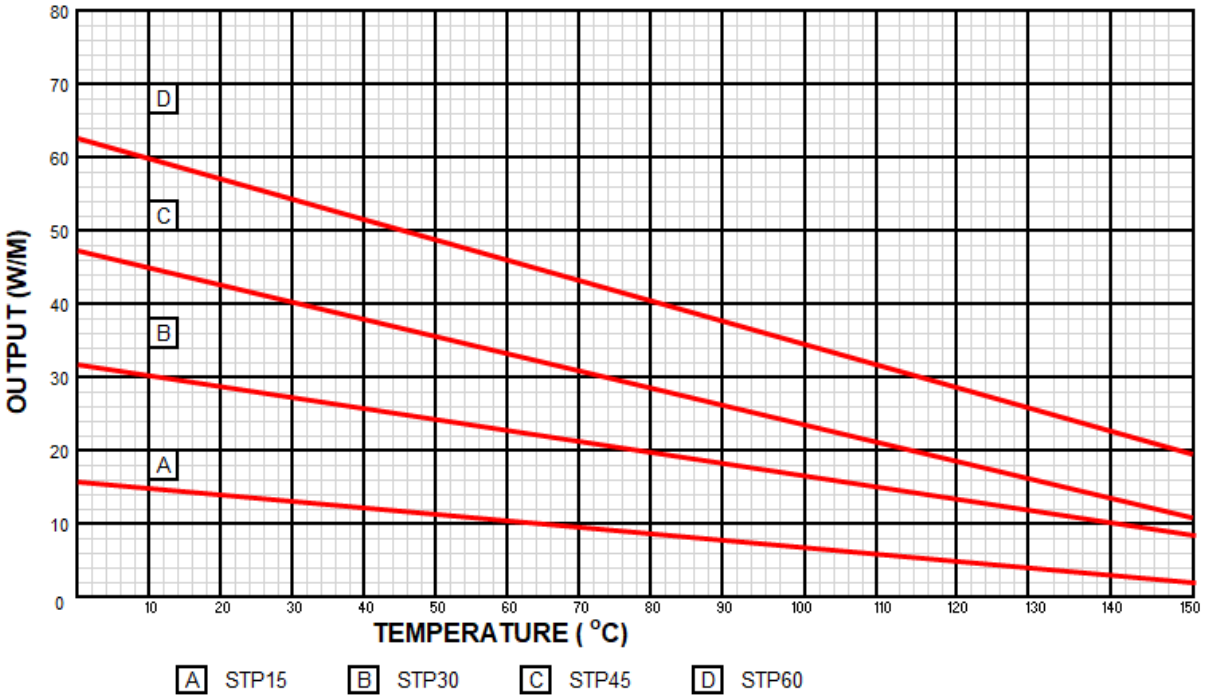
1. 1.25 Sq.mm Coated Copper Bus wires.
2. Semi conductive heating core extruded over bus wires.
3. Fluoropolymer Jacket providing electrical insulation, mechanical strength & moisture resistance.
4. Coated copper braid to give a continuous ground path.
5. Outer jacket UV resistant Fluoropolymer to enable usage in corrosive areas & high temperatures.

Features	
Compliance	Standards: EN 60079 – 0, IS/ IEC / EN 60079 – 30 – 1 & EN 60079 – 31
Approvals	Tested by 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, its limit the maximum sheath temperature, thus making it burnout proof

Specifications				
Catalogue Reference	STP-15 / STP-M-15	STP-30/STP-M-30	STP-45/ STP-M-45	STP-60/ STP-M-60
Heating Power W/m (230V AC) at 10°C	15	30	45	60
Voltage Supply	230/240 VAC, 50/60 Hz, 110/120VAC on request			
Max. Operating Temperature	150°C (130°C for STP-M)			
Max. Exposure Temperature	250°C (230°C for STP-M)			
Min. Installation Temperature	– 65°C			
Minimum Bending Radius	25 mm			

Thermopads reserves the right to modify the specifications in line with future improvements, updated standards or updated certifications

STP/STP-M Power Output Characteristics



Circuit Breaker Selection and Maximum Circuit Lengths:

Catalog Number	Output at 10 deg C	Max. Circuit Length	Circuit Breaker Size	Max.Maintenance Temperature (STP)	Max. Exposure Temperature (STP)	Max. Maintenance temperature (STP-M)	Max. Exposure Temperature (STP-M)
STP-15 STP-M-15	15 W/m	117	16A	150°C	250°C	130°C	230°C
		152	20A	150°C	250°C	130°C	230°C
		185	25A	150°C	250°C	130°C	230°C
STP-30 STP-M-30	30 W/m	68	16A	150°C	250°C	130°C	230°C
		91	20A	150°C	250°C	130°C	230°C
		114	25A	150°C	250°C	130°C	230°C
STP-45 STP-M-45	45 W/m	48	16A	150°C	250°C	130°C	230°C
		65	20A	150°C	250°C	130°C	230°C
		82	25A	150°C	250°C	130°C	230°C
STP-60 STP-M-60	60 W/m	38	16A	150°C	250°C	130°C	230°C
		51	20A	150°C	250°C	130°C	230°C
		64	25A	150°C	250°C	130°C	230°C