

DESCRIPTION

TraceTherm STP is a self-limiting trace heating cable suitable for high temperature applications up to 120 °C. The core insulation and the outer jacket of STP is made of Fluoropolymer and capable of withstanding high temperatures and providing protection against chemicals and abrasion. TraceTherm can be cut to any length to suit any application. Available in 20, 30 and 45W/m ratings. 1 year manufacturers warranty.

APPLICATION

TraceTherm STP trace heating cable is ideal for preventing metal pipes from freezing in cold conditions. It is ideally suited to temperature maintenance of equipment or pipes in commercial and industrial high temperature applications or where protection against chemicals and or abrasion is required. STP is constructed of a self-regulating polymer core that varies its output along its entire length, saving energy and eliminating hot spots along the pipe.

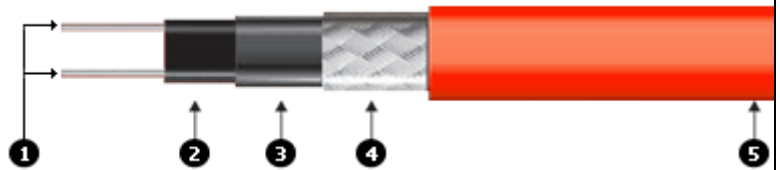
COMPLIANCES

- IEC 60800
- EN-62395-1



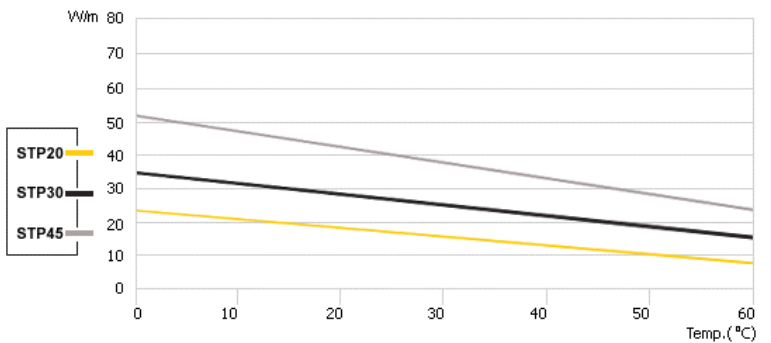
CONSTRUCTION

- 1) Coated copper bus wires
 - 2) Semi conductive heating core extruded over bus wires
 - 3) Fluoropolymer insulation
 - 4) Coated copper braid for continuous ground path
 - 5) Fluoropolymer outer jacket
- Nominal dimensions – 11mm x 4.7mm



TECHNICAL SPECIFICATIONS

Cable	STP20	STP30	STP45
Heating Power W/m (230V AC) at 10 °C	20	30	45
Voltage Supply	230VAC, 50Hz		
Min. Installation Temperature	-40 °C		
Application Temperature up to	-60 °C		
Operating Temp – Switched on	Max 120 °C		
Operating Temp – Switched off	Max 190 °C (1000 hours cumulative)		
Minimum Bending Radius	25mm		
Circuit Breaker	Max. 30 A (C type)		



Start temp	Breaker (A)	STP20			STP30			STP45		
		16	20	30	16	20	30	16	20	30
		-10°C	m	135	160	-	85	114	-	70
-25°C	m	100	130	160	69	92	114	49	66	82

Max trace length vs breaker size

INSTALLATION

- TraceTherm STP can be installed directly onto metal and plastic piping under conventional insulation material.
- No special tools required.
- Termination and power connection kits available for quick and easy installation.

ENERSAVE Products Limited

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