

#### DESCRIPTION

TraceTherm STF is a flexible self-limiting trace heating cable for freeze protection in pipelines, tanks and equipment. TraceTherm can be cut to any length and being self-limiting, automatically varies its heat output with changes to surrounding temperatures. The 'cold tail' can be terminated to a supply cable and connected directly to the mains supply. Available in 15 and 20W/m ratings. 1 year manufacturers warranty.

#### APPLICATION

TraceTherm STF trace heating cable is ideal for preventing metal and plastic pipes from freezing in cold conditions, or temperature maintenance of equipment in industrial, commercial and domestic applications. TraceTherm 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

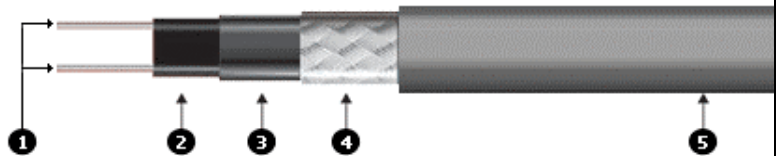
- IEC 60800
- EN-62395-1



#### CONSTRUCTION

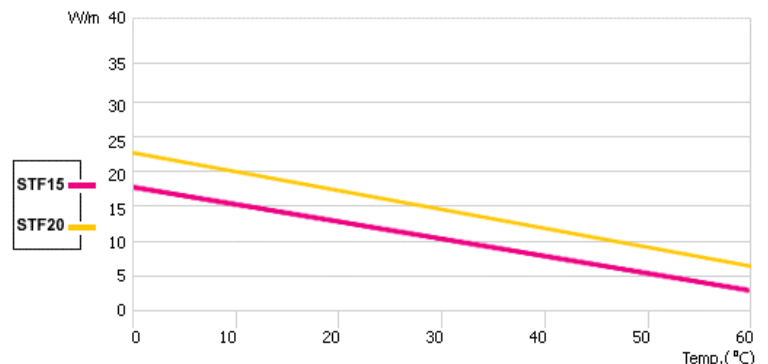
- 1) Coated copper bus wires
- 2) Semi conductive heating core extruded over bus wires
- 3) TPE Insulation
- 4) Coated copper braid for continuous ground path
- 5) TPE outer jacket

Nominal dimensions – 12.5mm x 6.7mm



#### TECHNICAL SPECIFICATIONS

Cable	STF15	STF20
Heating Power W/m (230V AC) at 10°C	15	20
Voltage Supply	230VAC, 50Hz	
Min. Installation Temperature	-40 °C	
Application Temperature up to	-40 °C	
Operating Temp – Switched on	Max 65 °C	
Operating Temp – Switched off	Max 85 °C (1000 hours cumulative)	
Minimum Bending Radius	25mm	
Circuit Breaker	Max. 30 A (C type)	



Start temp	Breaker (A)	STF15			STF20		
		16	20	30	16	20	30
		10°C	m	145	162	-	116
-15°C	m	93	125	160	75	93	140
-20°C	m	82	111	160	62	85	115

Max trace length vs breaker size

#### INSTALLATION

- TraceTherm STF 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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