

The EUROTRACE®ST heating tape is used against freezing of pipes, roofs and gutters mainly in the commercial market. The black outer jacket of the polyolefin version ensures the required UV resistance.

#### Approvals



#### Versions

- Thermoplastic elastomer insulation (TPE) without braiding and without outer jacket
- Protective braiding with > 70 % coverage
- Aluminium foil and earth wire
- TPE outer jacket
- Fluoropolymer outer jacket
- Protection class II, double insulation
- Available in 5 different power outputs between 10 to 30 W/m

#### Construction

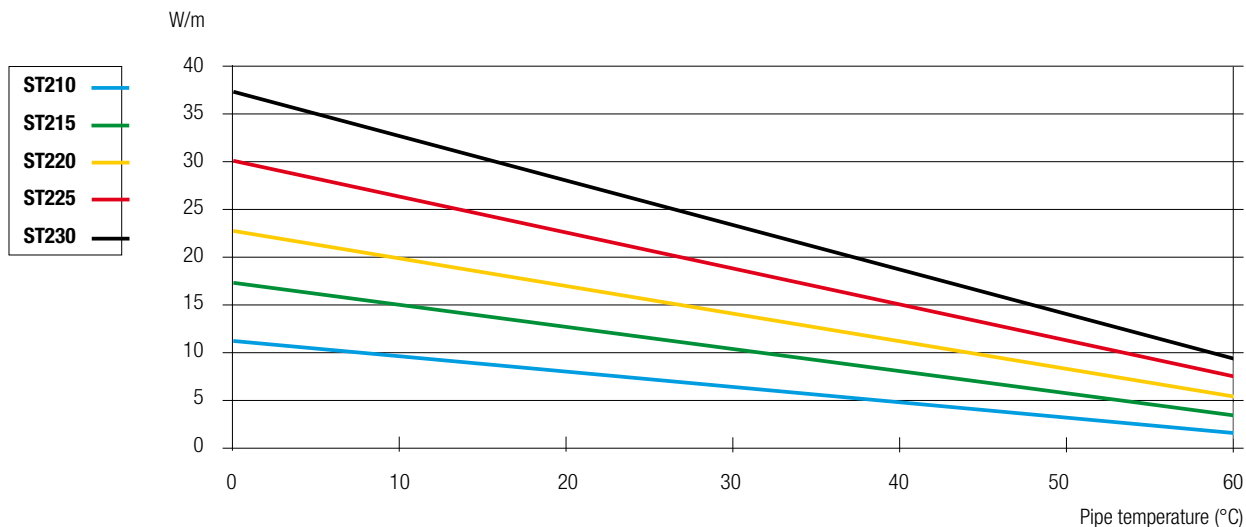
- 1.0 mm<sup>2</sup> bus wires
- Self-limiting heating element
- TPE Insulation jacket
- Screen made of tinned copper or alternatively with aluminum foil and protective earth wires
- TPE outer jacket
- Or alternatively fluoropolymer outer jacket which offers increased protection against chemicals (oil and fuel) and abrasion.

#### Technical specifications

Max. exposure temperature	switched off +85 °C (1000 hours cumulative)
Max. exposure temperature	switched on +65 °C
Min. installation temperature	-55 °C
Min. start-up temperature	-30 °C
Max. braid resistance	< 18.2 Ω/km
Min. bending radius	25 mm
Nominal voltage	AC 208 V to 254 V AC 110 V to 120 V



**ST Power output characteristic**



**Max. heating circuit length (m) on a pipe with circuit breaker with C-Characteristic**

Type	Start-up temperature (°C)	Voltage ≤ AC 254 V		Type	Voltage ≤ AC 254 V	
		10 A	16 A		10 A	16 A
ST210	+10	118	154	ST225	60	83
	-15	90	136		39	56
	-30	77	118		30	47
ST215	+10	104	139	ST230	45	-
	-15	69	89		24	-
	-30	56	78		16	-
ST220	+10	79	110	ST215	In roofs and gutters (ice water)	
	-15	49	71		60 m	80 m
	-30	40	58	Max. Installation length in downpipes 30 m		

**Ordering details**

Version/outer jacket	Protective earth conductor	Dimensions a x b (mm)	Order no.
Polyolefin, without bonded jacket	braiding	10.5 x 6.0	ST2xx-1410P
Polyolefin, with bonded jacket	braiding	10.5 x 6.0	ST2xx-1810P
Fluoropolymer, without bonded jacket	braiding	10.5 x 6.0	ST2xx-1520P
Fluoropolymer, with bonded jacket	braiding	10.5 x 6.0	ST2xx-1920P
Polyolefin, without bonded jacket	aluminium foil	9.8 x 5.2	ST2xx-4010P

**xx** = Power output in W/m 10, 15, 20, 25, 30  
120 V - Version on request

CT

ST

FT

MT

PT