

The most commonly used commercial heating tape is our EUROTRACE® FT. It is used against freezing of pipes and roofs in the industrial and commercial market.

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 insulated
- Available in 5 different power outputs between 10 to 33 W/m

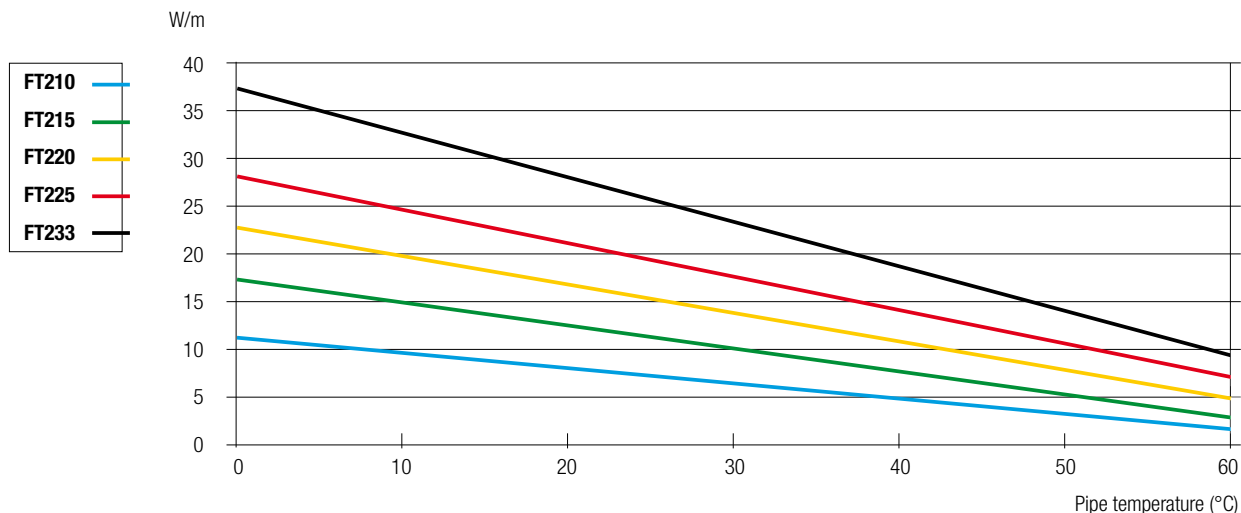
Construction

- 1.25 mm² buswires
- 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 specification

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	-40 °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

FT 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			
		16 A	20 A	25 A	32 A		16 A	20 A	25 A	32 A
FT210	+10	205	205	205	205	FT225	88	117	120	126
	-15	139	186	190	195		58	75	95	117
	-30	120	150	170	195		45	64	82	100
FT215	+10	145	162	162	162	FT233	70	90	98	108
	-15	93	125	142	162		49	64	80	95
	-30	77	106	135	160		43	52	65	82
FT220	+10	116	140	140	140					
	-15	72	93	115	140					
	-30	55	77	92	110					
FT215	In gutters	65	80	80	80	Maximum length in downpipes 30 m				

Ordering details

Version/outer jacket	Protection	Dimensions a x b (mm)	Order no.
Polyoefin	braiding	11.8 x 5.8	FT2xx-1810P
Fluorpolymer	braiding	11.8 x 5.8	FT2xx-1920P
2 x Polyoefin	double insulation	11.8 x 5.5	FT2xx-1610P
1 x Polyoefin 1 x Fluorpolymer	double insulation	11.8 x 5.5	FT2xx-1720P
Polyoefin	aluminium foil	11.2 x 5.5	FT2xx-4010P

xx = Power output in W/m 10, 15, 20, 25, 33
120 V - Version on request

A selection table comparing the heating tapes from BARTEC and from BARTEC BACAB can be found on Page 54.

CT

ST

FT

MT

PT