FLEXTRACE®

TEMPERATURE MAINTENANCE SYSTEMS

flexelec GROUPE OMERIN

www.flexelec.com

FST - FST/T - FST/I - FST/TP - FST/TF
Self-regulating cables

Characteristics

- Can be cut to length on site.
- Will not self-destruct by overheating.
- Power supply 230 V.
- Available as 10, 15, 25, 30 or 40 W/m at + 10°C.
- FST : self-regulating cables thermoplastic insulation.
- FST/T : with tinned copper braid. for mechanical protection and earthing.
- FST/I : with stainless steel braid for mechanical protection and earthing.
- FST/TP : with tinned copper braid and outer thermoplastic anticorrosion sheath.
- FST/TF : with tinned copper braid and outer fluoropolymer sheath, ideal for the chemical industry where corrosive products may be present.
- Special production on request.

Applications

Self-regulating cables of the FST range are used to protect against freezing or to maintain moderate temperatures.

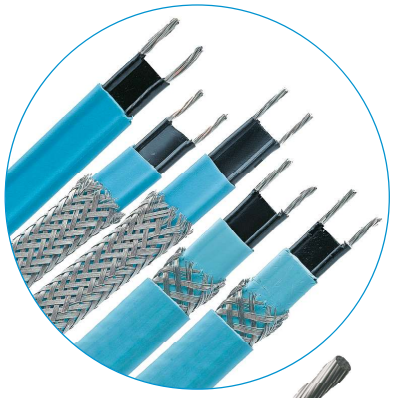
Cable FST/TP/30 is recommended for protecting against freezing in gutters.

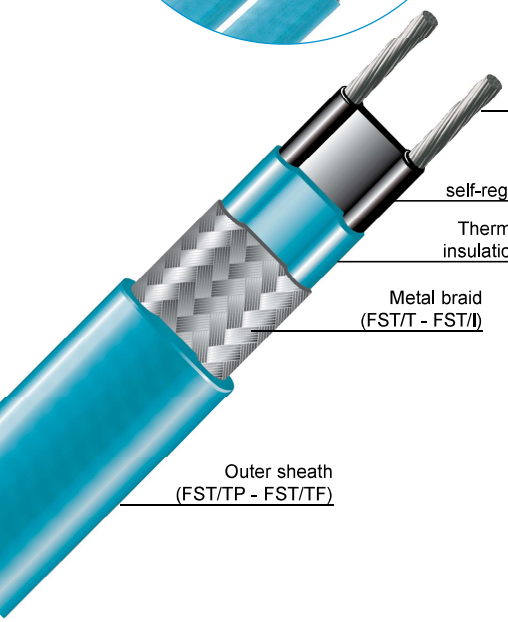
Cables of type FST/T, FST/I, FST/TP and FST/TF can, with the appropriate accessories, be used in a explosive atmosphere.

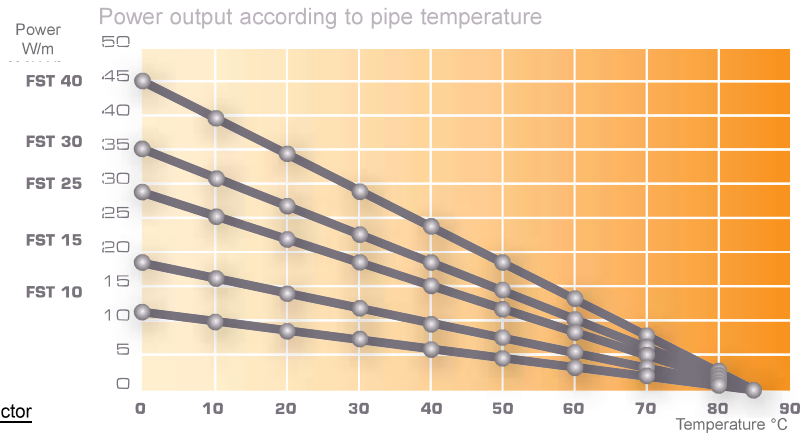
To ensure that these heating elements enjoy a long service life, we recommend using a control device.

Standards

CEI 62395-1
CEI 62395-2







	FST 10	FST 15	FST 25	FST 30	FST 40
Dimensions	FST : 4 x 11 mm				
	FST/T - FST/I : 4.7 x 11.8 mm				
	FST/TP - FST/TF : 6 x 13 mm				
Power at 10°C	10 W/m	17 W/m	25 W/m	31 W/m	40W/m
Permissible surface temperature	Unenergized circuit : max. + 85°C				
Start-up current					
+10°C	0.07 A/m	0.1 A/m	0.13 A/m	0.16 A/m	0.21 A/m
0°C	0.08 A/m	0.12 A/m	0.16 A/m	0.19 A/m	0.26 A/m
- 20°C	0.12 A/m	0.15 A/m	0.21 A/m	0.24 A/m	0.32 A/m
Max. circuit length	198 m	154 m	124 m	110 m	88 m
Temperature class	T6 (85°C)			T4 (135°C)	
Ingress protection code	IP54 with our kits				
Min. bending radiusi	6 x the thickness of cable				

Use

Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

Certificat ATEX : CML 20ATEX3204 pour FST/TP et FST/TF
Certificat IECEx : CML 20.0130 pour FST/TP et FST/TF

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