

TEMPERATURE MAINTENANCE SYSTEMS



FSX - FSX/T - FSX/I - FSX/TF Self-regulating cables

Characteristics

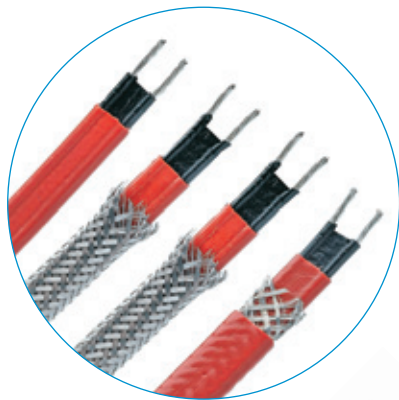
- Available as 15, 30, 40 or 55 W/m at +10°C.
- Can be cut to length on site.
- Will not self-destruct by overheating.
- Power supply: 230 V.
- **FSX** : self-regulating cables, fluoropolymer insulation.
- **FSX/T** : with tinned copper braid for mechanical protection and earthing.
- **FSX/I** : with stainless steel braid for mechanical protection and earthing.
- **FSX/TF** : with tinned copper braid and outer fluoropolymer sheath, ideal for the chemical industry where corrosive substances may be present.

Applications

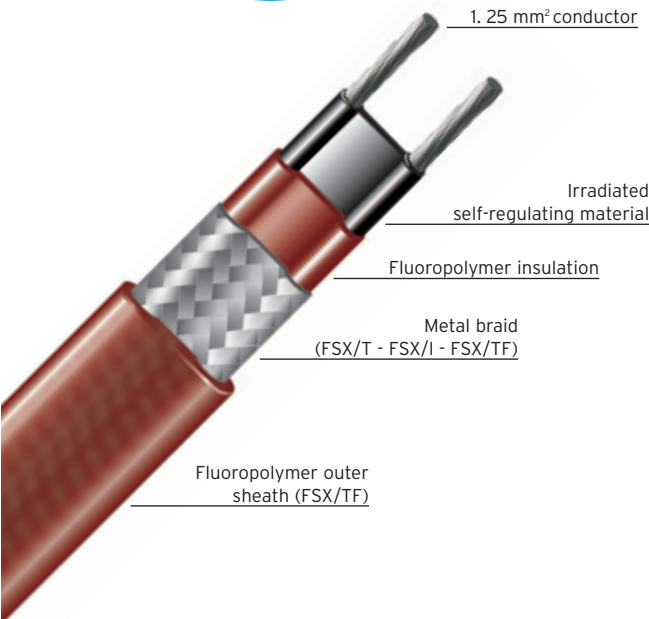
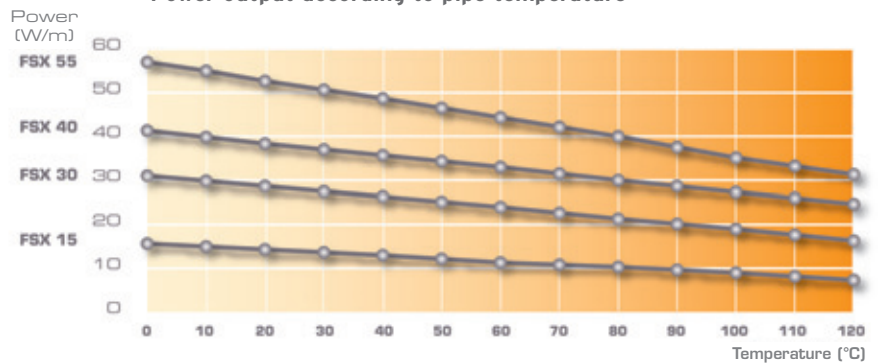
FSX self-regulating cables are recommended to protect against freezing or to maintain high temperatures.

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

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



Power output according to pipe temperature



	FSX 15	FSX 30	FSX 40	FSX 55
Insulation	Fluoropolymer			
Dimensions	Fluoropolymer			
FSX	4 x 10 mm			
FSX/T - FSX/I	4.5 x 10.5 mm			
FSX/TF	6 x 13 mm			
Power +10°C	15 W/m	30 W/m	40 W/m	55 W/m
Permissible surface temperature	Unenergized circuit: max. + 200°C Energized circuit: max. + 120°C			
Start-up current				
+ 10°C	0.09 A/m	0.17 A/m	0.24 A/m	0.31 A/m
0°C	0.09 A/m	0.18 A/m	0.25 A/m	0.32 A/m
- 20°C	0.11 A/m	0.20 A/m	0.28 A/m	0.36 A/m
Max. circuit length	162 m	114 m	98 m	80 m
Temperature class	T2 (300°C)			

Use

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

ATEX certificates:

SIRA N° 03ATEX3315X Ex II 2G
SIRA N° 03ATEX3314 Ex II 2G