

FSG - FSG/T - FSG/TP - FSG/TF

Self-regulating cables for refrigeration



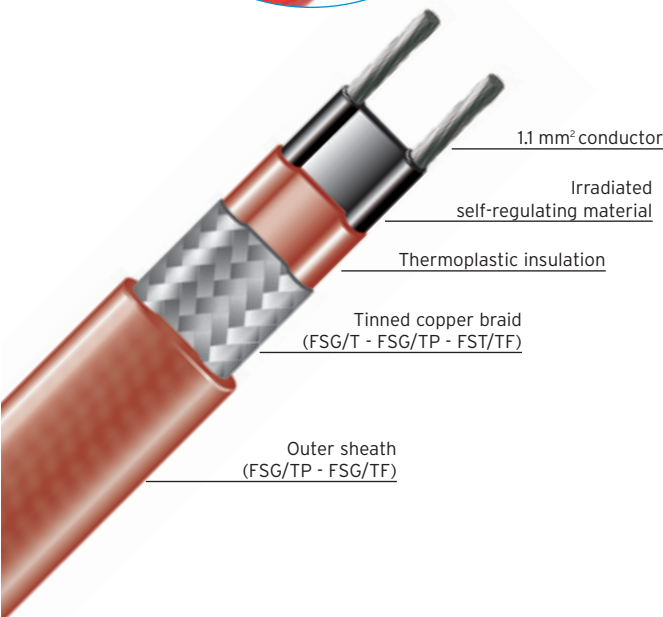
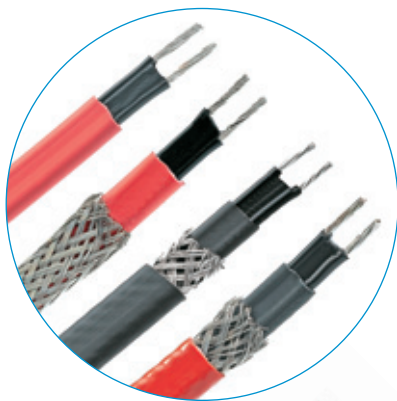
Characteristics

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

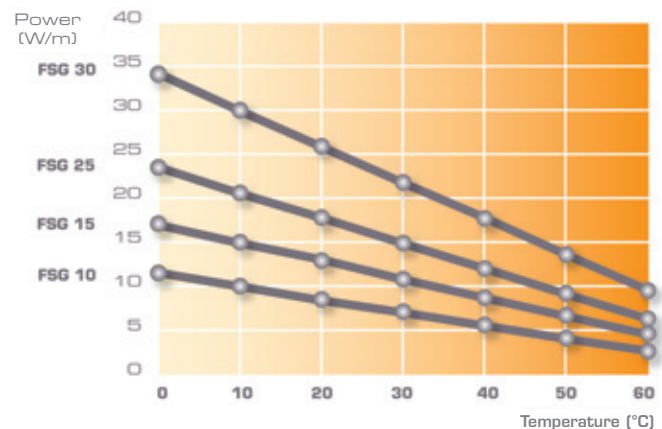
Applications

The FSG range of heating cables is recommended for the refrigeration industry to protect against freezing or to maintain moderate temperatures.

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



Power output according to pipe temperature



	FSG 10	FSG 15	FSG 25	FSG 30
Insulation	Thermoplastic			
Dimensions				
FSG	4 x 8 mm			
FSG/T	4.5 x 8.5 mm			
FSG/TP - FSG/TF	5 x 10 mm			
Power at 10°C	10 W/m	15 W/m	21 W/m	30 W/m
Permissible surface temperature	Unenergized circuit: max. + 85°C Energized circuit: max. + 65°C			
Start-up current				
+ 10°C	0.08 A/m	0.10 A/m	0.13 A/m	0.18 A/m
0°C	0.08 A/m	0.10 A/m	0.14 A/m	0.19 A/m
- 20°C	0.11 A/m	0.12 A/m	0.18 A/m	0.24 A/m
Max. circuit length	180 m	146 m	124 m	92 m

Use

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

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