

### FSV - FSV/T - FSV/I - FSV/TF Self-regulating cables



#### Characteristics

- Available as 15, 30, 45 or 60 W/m at + 10°C.
- Can be cut to length on site.
- Will not self-destruct by overheating.
- Power supply: 230 V.
- **FSV** : self-regulating cables, fluoropolymer insulation.
- **FSV/T** : with tinned copper braid for mechanical protection and earthing.
- **FSV/I** : with stainless steel braid for mechanical protection and earthing.
- **FSV/TF** : with tinned copper braid and outer fluoropolymer sheath, ideal for the chemical industry where corrosive substances may be present.

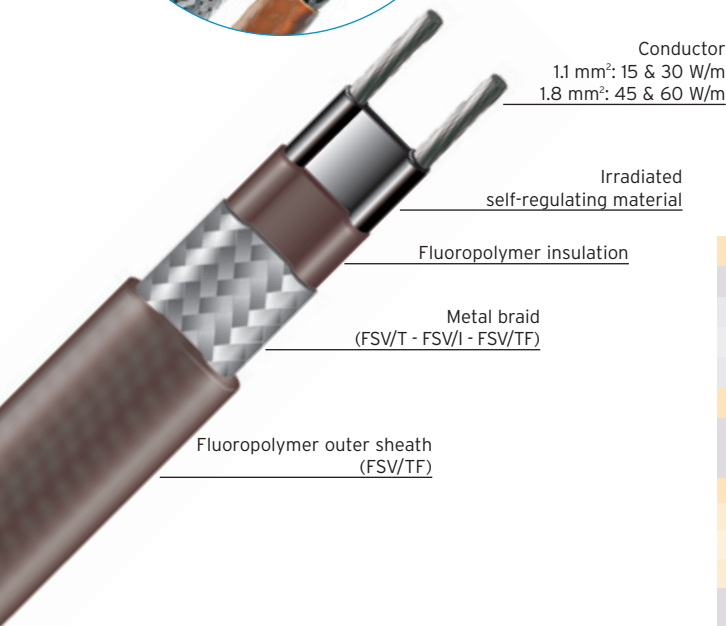
#### Applications

The FSV range of heating cables is recommended to protect against freezing or to maintain medium temperatures .

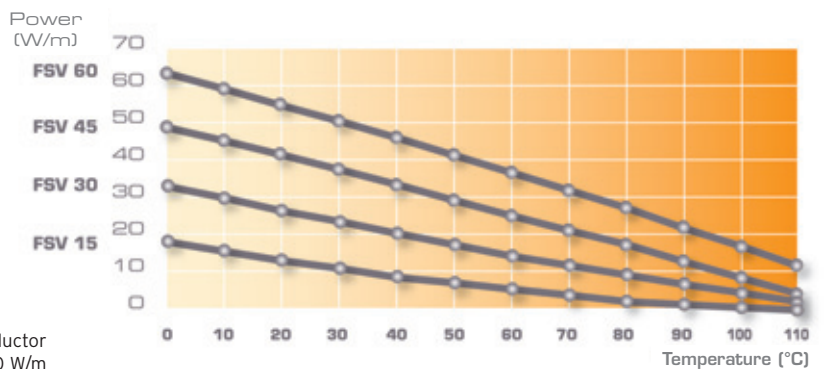
Cables of type FSV/T, FSV/I and FSV/TF, with power rating 15 and 30 W/m, comply with the technical evaluation document issued by the CSTB.

Cables of type FSV/T, FSV/I and FSV/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



	FSV 15	FSV 30	FSV 45	FSV 60
Insulation	Fluoropolymer			
Dimensions				
FSV	3 x 10 mm		4 x 13 mm	
FSV/T - FSV/I	3,5 x 10,5 mm		4,5 x 13,5 mm	
FSV/TF	6 x 12 mm		7 x 15 mm	
Power at + 10°C	17 W/m	31 W/m	45 W/m	60 W/m
Permissible surface temperature	Unenergized circuit: maximum + 135°C Energized circuit: maximum + 110°C			
Start-up current				
+ 10°C	0.10 A/m	0.16 A/m	0.26 A/m	0.30 A/m
0°C	0.12 A/m	0.18 A/m	0.30 A/m	0.34 A/m
- 20°C	0.15 A/m	0.26 A/m	0.43 A/m	0.46 A/m
Max. circuit length	154 m	110 m	96 m	82 m
Temperature class	T4 (135°C)		T3 (200°C)	

#### Use

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

ATEX certificate: SIRA N° 03ATEX3313 Ex II 2G

#### FLEXELEC S.A.S

10, rue des frères Lumière  
Z.A. du Bois Rond  
69720 ST BONNET DE MURE - FRANCE  
Tel: + 33 (0)4.72.48.30.90  
Fax: + 33 (0)4.78.40.82.81  
E-mail: flexelec@omerin.com

#### FLEXELEC Dept

OMERIN ASIA Pte Ltd  
51 Goldhill Plaza #08-12/01  
SINGAPORE 308900  
Tel: + 65.6255.4778  
Fax: + 65.6255.4779  
E-mail: sales@omerin.com.sg

#### FLEXELEC (UK) Ltd

Unit 11 Kings Park Industrial Estate  
Primrose Hill - KINGS LANGLEY  
Hertfordshire - WD4 8ST - UK  
Tel: + 44 (0) 1923.274477  
Fax: + 44 (0) 1923.270264  
E-mail: sales@omerin.co.uk

#### FLEXELEC Dept

OMERIN GmbH  
Tenweg 2 B  
D-65510 IDSTEIN - GERMANY  
Tel: + 49 (0) 6126.94.31-0  
Fax: + 49 (0) 6126.83.99  
E-mail: omeringmbh@omerin.com