

## TEMPERATURE MAINTENANCE SYSTEMS



### FTSL/TF - FTSL/TS

## Constant power cable with self-limiting effect

### Characteristics

- Welded contact points.
- Hard-wearing and flexible.
- Can be cut to length on site.
- Extremely simple termination.
- Cold tail incorporated: no extra connection necessary.
- Available as 55, 75, 95 or 115 W/m at +20°C.
- Power supply 230 V and 400 V as standard.
- FTSL/TS : with tinned copper braid and silicon elastomer outer sheath.
- FTSL/TF : with tinned copper braid and fluoropolymer anti-corrosion outer sheath.
- Special production on request.

### Applications

FTSL cables are particularly suitable for maintaining temperatures of up to + 135°C.

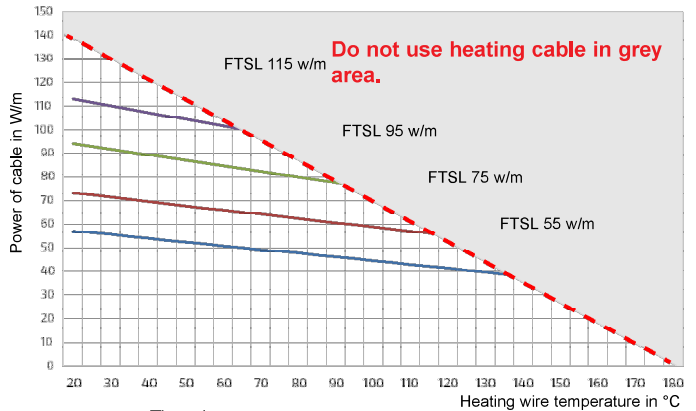
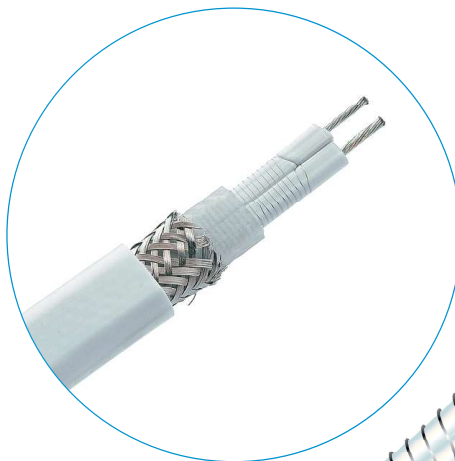
Its great flexibility up to - 70°C means that this version is ideal for heat tracing.

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

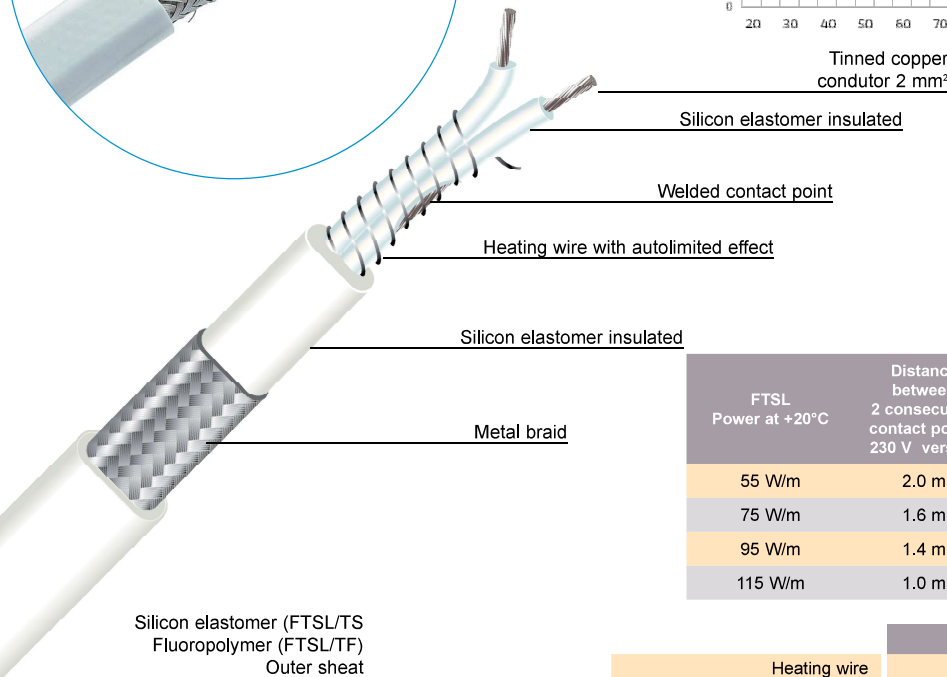


### Standards

- CEI 62395-1
- CEI 62395-2



The curve above presents the power in w/m in comparison to the heating wire temperature. The heating cable must be covered 100% with an adhesive aluminium and installed on a metallic support. Consult our technical department for any informations.



FTSL Power at +20°C	Distance between 2 consecutive contact points 230 V version	Distance between 2 consecutive contact points 400 V version	Max. maintenance temperature	Max. circuit length under 230V at +20°C
55 W/m	2.0 m	2.75 m	135°C	54 m
75 W/m	1.6 m	2.75 m	115°C	46 m
95 W/m	1.4 m	2.0 m	90°C	41 m
115 W/m	1.0 m	1.5 m	60°C	37 m

	FTSL
Heating wire	Nickel
Dimensions	FTSL/TF : 8.4 x 11.9 mm FTSL/TS : 8.6 x 12.2 mm
Permissible surface temperature	from - 70°C to + 200°C
Ingress protection code	IP54 with our kits
Min. bending radius	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.

#### FLEXELEC S.A.S

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

#### FLEXELEC Dept

OMERIN ASIA Pte Ltd  
51 Goldhill Plaza #08-11  
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  
Buchwiese 16  
D-65510 IDSTEIN - GERMANY  
Tel : + 49 (0) 6126.94.31-0  
Fax : + 49 (0) 6126.83.999  
E-mail : omeringmbh@omerin.com