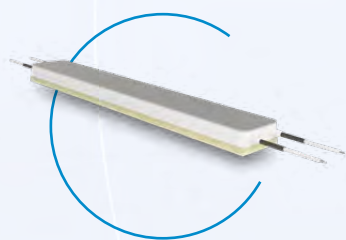
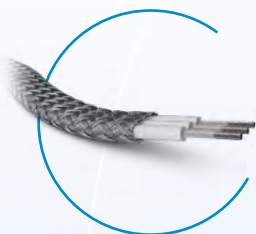
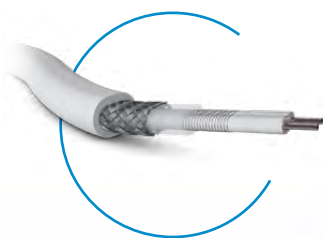


FLEXIBLE HEATING CABLES AND ELEMENTS

Railway infrastructure



Heating solutions for Railway infrastructure

In freezing conditions, railway infrastructure must remain fully operational. FLEXELEC designs and manufactures custom-engineered heating solutions to protect critical installations, ensure equipment safety and reliability, and maintain uninterrupted rail operations in all weather conditions.

From switches and rails to trackways, steering rail and third rails, each heating system is specifically engineered in terms of power output, voltage rating, length and installation configuration to meet the unique requirements of every project.

TRACKWAYS FLEXTRACE®

To ensure the rail network efficiency in winter by preventing the frost build-up, snow and ice blocks, thereby safeguarding the railway infrastructure.

STEERING RAIL THIRD RAILS FLEXTRACE®

Ensuring the performance of VAL-type rail networks through solutions that are easy to install and designed for quick and safe maintenance.

SWITCH FLEXPLATE®

Increase the heating capacity locally in key areas around the switches.



www.flexelec.com

As France's leading manufacturer of flexible heating elements for railway infrastructure, FLEXELEC supports its customers from design through to full-scale production. Backed by extensive technical expertise and high-performance manufacturing facilities, we deliver tailor-made, reliable solutions that meet the most demanding operational requirements.

Discover our product range

FLEXTRACE® FTS3

HIGH POWER CONSTANT POWER HEATING CABLES

A modular, flexible and robust heating cable, ensuring constant power output, precise installation on rails and excellent resistance to the harshest environments.



CE

- Power: **100 W/m**
- Standard voltage: **230V or 400V**
- Standard length: **Up to 40m**
- Surface temperature: **-70°C to +200°C**
- Heating wire: **Nickel-Copper / Nickel-Chrome**

+ Available options

- 150 W/m at 750V
- Outer sheath in silicone or fluoropolymer
- Full range of accessories (see below)



FLEXTRACE® CF

LONG LINE SILICONE CABLES

FLEXTRACE® CF heating cables are specially designed to prevent freezing in underground railway infrastructure, such as steering rail, third rails, metal tracks and concrete tracks.



CE

- Power: **40 to 120 W/m**
- Standard voltage: **750V**
- Surface temperature: **-70°C to +200°C**
- Heating wire: **Nickel-Copper / Nickel-Chrome**

+ Available options

- 1 to 4 resistive elements for a bespoke configuration
- Full range of accessories (see below)



FLEXPLATE® PLA

HEAT PLATES INSULATED ON ONE SIDE

Heating plates are specially designed to prevent railway switches from freezing.



CE

- Power: **Up to 200 W/m**
- Standard length: **400 or 500mm**
- Surface temperature: **-60°C to +200°C**
- Heating wire: **Nickel-Copper / Nickel-Chrome**

+ Available options

- Custom manufacturing on request



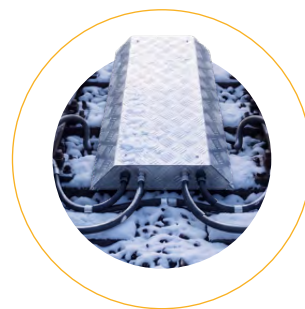
Accessories and regulations



Strips & Clips



Connection kit



Junction box

French leader in temperature maintenance solutions

Since 1982, FLEXELEC has been developing temperature control solutions to meet the performance and reliability challenges faced by manufacturers.

As a subsidiary of the OMERIN Group, the company benefits from an international environment and a strong culture of continuous innovation, enabling it to advance its technologies and provide solutions increasingly tailored to the needs of its markets.



10, rue des frères Lumière Z.A. du Bois Rond
69720 - ST BONNET DE MURE - FRANCE

Tel: + 33 (0)4 72 48 30 90

www.flexelec.com

Any projects?

Let's talk about it!

flexelec@omerin.com

