FLEXPLATE®

flexelec groupe omerin

TEMPERATURE MAINTENANCE SYSTEMS

www.flexelec.com

PLA
Heating plates

CE

Characteristics

- Easy to fit.
- Stands up well to the climatic, physical and chemical conditions encountered in the railway environment.
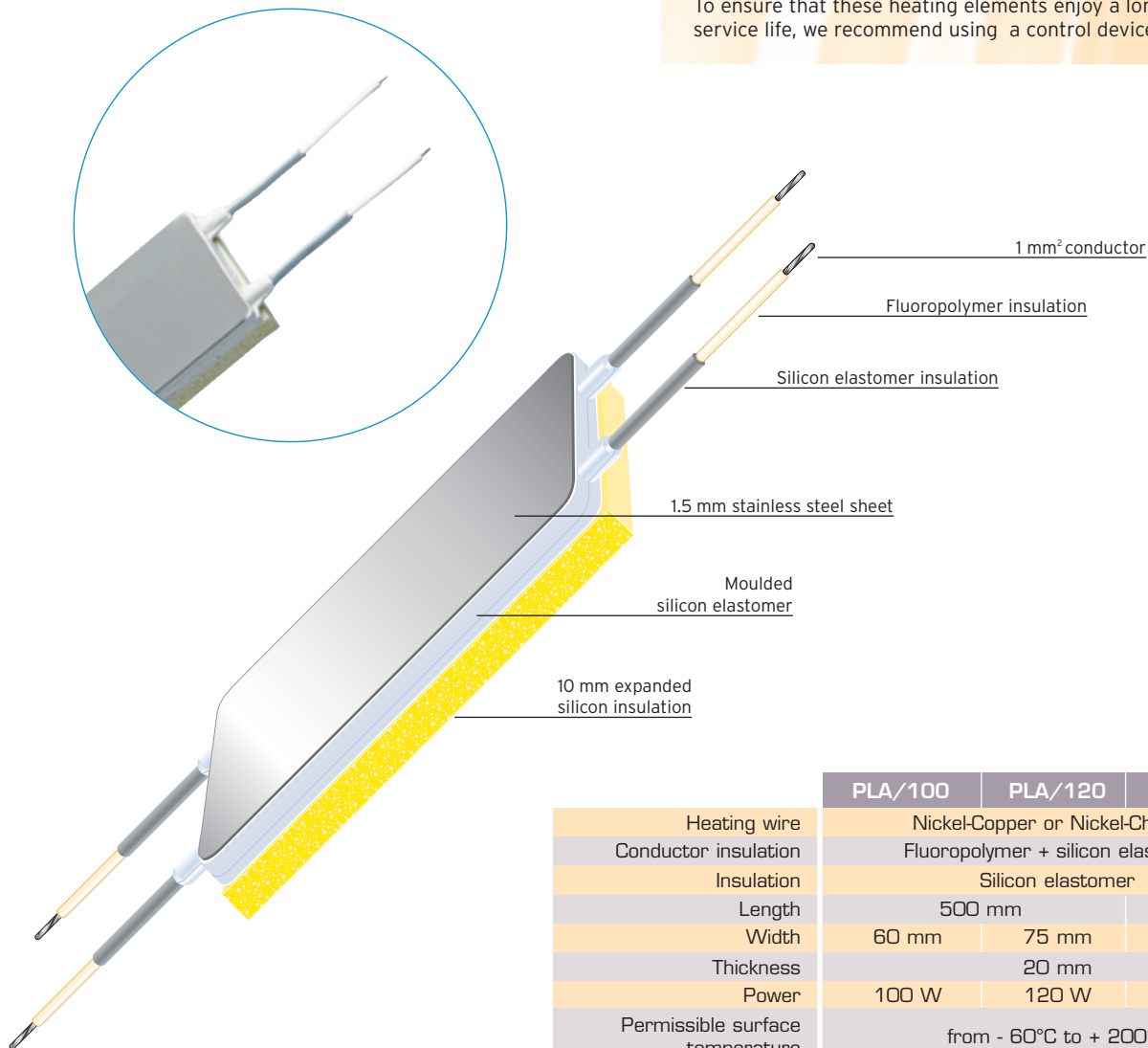
Applications

Heating plates are specially designed for protectiing railway switches from freezing.

They are fixed by means of stainless steel clips.

Several plates can be connected in series (15 maximum).

Connections between plates are made by means of tubular connectors and heat-shrink sheaths.

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

1 mm² conductor

Fluoropolymer insulation

Silicon elastomer insulation

1.5 mm stainless steel sheet

Moulded silicon elastomer

10 mm expanded silicon insulation

	PLA/100	PLA/120	PLA/200
Heating wire	Nickel-Copper or Nickel-Chrome		
Conductor insulation	Fluoropolymer + silicon elastomer		
Insulation	Silicon elastomer		
Length	500 mm		450 mm
Width	60 mm	75 mm	110 mm
Thickness	20 mm		
Power	100 W	120 W	200 W
Permissible surface temperature	from - 60°C to + 200°C		
Insulation	Class II		
Protection class	IP 66		
Dielectric strength	2500 V min.		
Insulation resistance	100 MΩ min.		
Weight	approx. 1 kg		

Use

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