



Rear view mirror heater



Water bed heater



Floor heating

2.01.00 Foil elements/Flexible elements

Flexible elements, or foil elements, offer many advantages. The material is flexible and allows multiple circuits or multiple voltages in the same element or the possibility to locate a sensor. The elements are suitable for different applications in a wide range of business such as communication, vehicles, monitoring, medicine, individual comfort heat, domestic heating etc. We can produce elements within a high range of technical specifications, for example power from 0 to 10 Watt/cm² and insulation material from -270°C to +400°C.

>> Types of heating

Air heating
Liquid heating
Defrosting

>> Material

Silicone
Polyimide
Polyester
PEN – Polyethylene naphthalate
PET – Polyethylene terephthalate
Mica
Aluminium

>> Dimension

Maximum width app. 600 mm
For aluminium app. 800 mm
Unspliced print can be produced up to 2 meters

>> Fields of applications

Water bed heater
Floor heating
Rear view mirror heaters
Food heating applications
Diesel filter heaters
Heating operating mattresses for medical use
Keyboard heaters
div. industrial applications

>> Assembly

Adhesive
Clamping
Vulcanized on plate

>> Connection

Cable or tab terminals



Example of product design