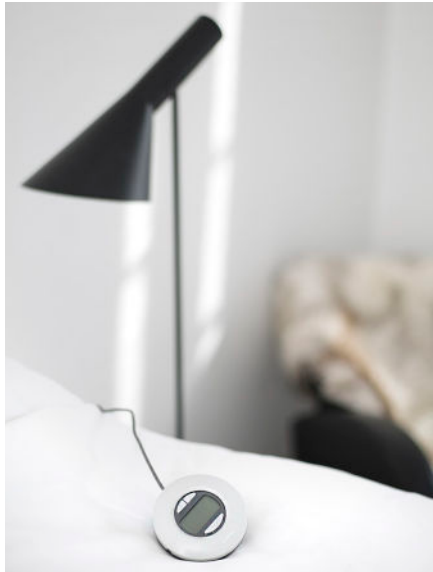


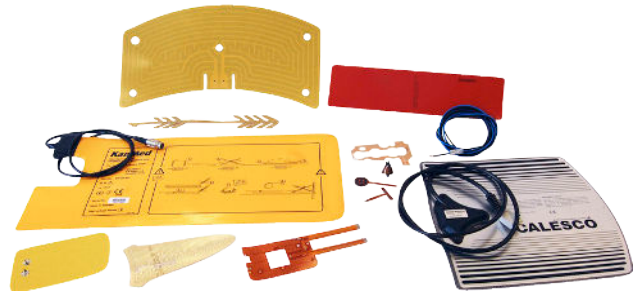
FOIL AND FLEXIBLE ELEMENTS

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.

BACKER



Type of heating	Air heating Liquid heating Defrosting	Assembly	Adhesive Clamping Vulcanized on plate
Material	Silicone Polyimide Polyester PEN - Polyethylene naphthalate PET - Polyethylene terephthalate Mica Aluminium RTP	Connection	Cable or tab terminals
Dimension	Maximum width app. 600 mm For aluminium app. 800 mm Unspliced print can be produced up to 2 meters		
Fields of application	Water bed heater Floor heating Wing mirror heaters Food heating applications Diesel filter heaters Heating operating mattresses for medical use Keyboard heaters div. industrial applications		



Example of product design