

## Silicon Heaters

In **heatsystems** silicon heaters, the heat conductor wire is held between two textile fibre-reinforced silicon mats. Practice has shown that this type of electric heater is particularly well suited for applications in which a precise temperature control and a homogeneous heat distribution are absolutely essential.

Because of their low mass **heatsystems** silicon heaters have short response times and an excellent control behaviour.

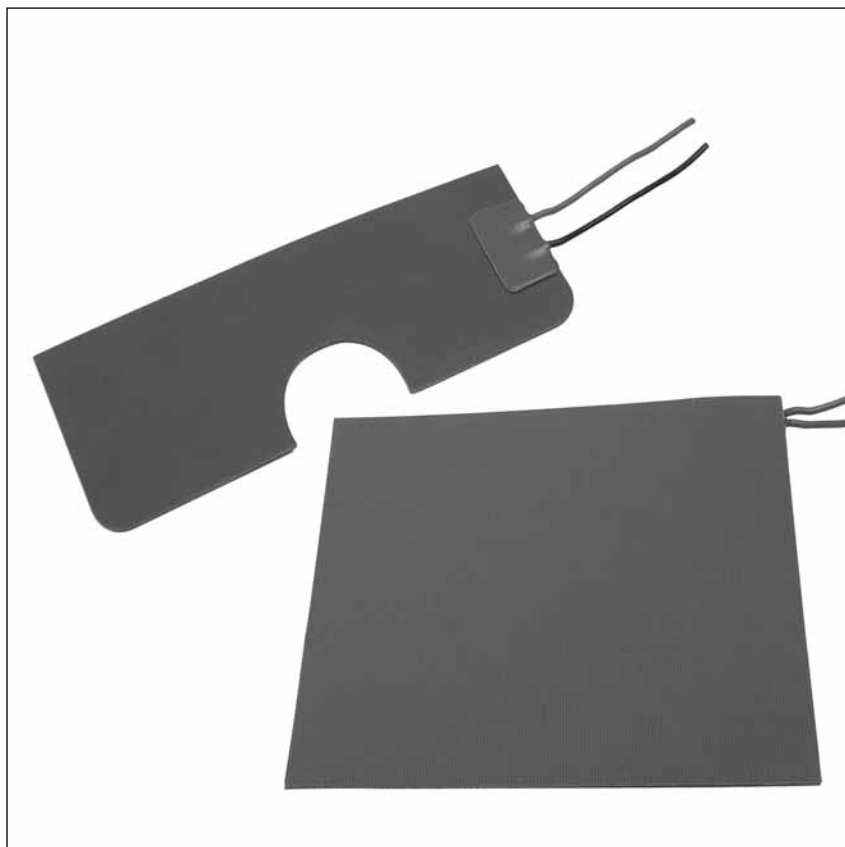
Because of their very high resistance to wet (type of protection up to IP 65)

**heatsystems** silicon heaters are also recommended for laboratory instruments and various application areas in the pharmaceuticals sector.

**heatsystems** silicon heaters can be used for 200 °C continuous temperature or also briefly up to 230 °C.

**heatsystems** silicon heaters can be produced in almost any size and shape.

Numerous additional components such as thermal sensors, temperature limiters and temperature protections can be installed.



To simplify the assembly we recommend **heatsystems** silicon heaters with self-adhesive foil which is applied in a special

process. The adhesion process was replaced by conventional vulcanising for most applications.