

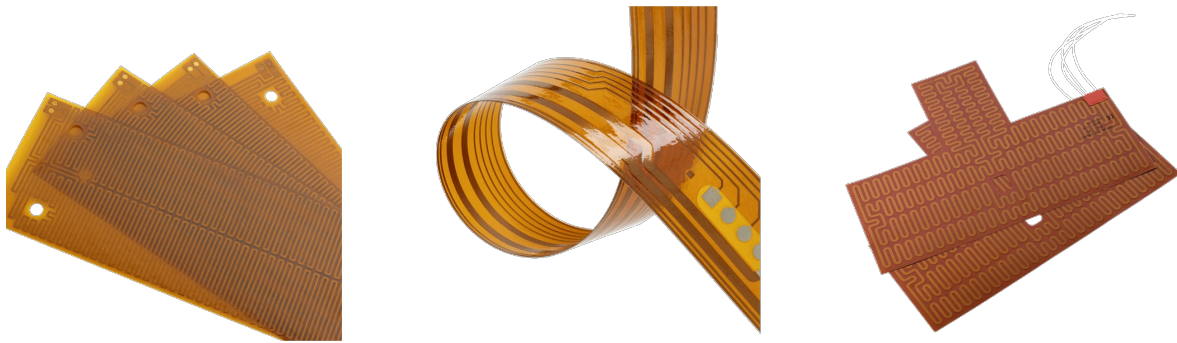
## Foil heaters polyimide 200°C

Foil heaters made of polyimide, also called Kapton™ heaters, are very thin, light and flexible heaters. The polyimide heater has a wide temperature range from -269°C to +200°C and can be installed in outdoor climates. These foil heaters can be exposed for continuous vibration and are resistant to among others fungus, chemicals and solvents.

The material polyimide (Kapton™) has a very good insulation capability and high power density which gives a very good heat distribution. The foil heater has a small thermal mass and can be placed on flat and curved surfaces.

This heating technology is being used in laboratory and research equipment, medical instruments, sterilizers, military equipment, photo-technical equipment, displays etc.

IHP has the possibility to mount temperature control components such as sensors, thermocouples, thermostats and fuses. We can also deliver complete control systems and install them at our customers sites.



### Technical specification

Recommended surface load up to 0,8W/cm<sup>2</sup>

Working temperature from -269°C to +200°C

Working temperature with self-adhesive backing from -30°C to +180°C

Supply customized to your wishes

Biggest manufacturing dimensions per unit 550mm x 285mm (L x B)

Thickness about 0,2mm

Environmental specifications

- Very good resistance against weather and aging
- Very good resistance against chemicals, acids and base substances
- Very good resistance against ozone
- Very good resistance against fungal and bacterial growth