

## FLEXIBLE HEATING ELEMENTS

### KAPTON FLEXIBLE HEATING ELEMENT

#### Kapton heating element

- Made from silicone, polyester or Kapton
- Supply voltage 1 - 400V
- Power: 0,02 - 3,0 W/cm<sup>2</sup>



#### PRODUCT DESCRIPTION

##### Silicone heating elements

The silicone flexible heating elements, due to their small thickness, can be easily fitted to different kind of metal surfaces and guarantee a fast and uniform heat transfer. The uniform thermal distribution allows to avoid abnormal thermal expansions and to manage all the power with the maximum efficiency. The silicone insulation guarantees 200°C maximum working temperature.

##### Polyester heating elements

The polyester flexible heating elements due to their small thickness can be easily fitted to different kind of surfaces (plastics or metal) and guarantee a fast and uniform heat transfer. The uniform thermal distribution allows to avoid abnormal thermal expansions and to manage all the power with the maximum efficiency. The polyester insulation guarantees 120°C maximum working temperature.

##### Kapton heating elements

The Kapton® flexible heating elements, due to their small thickness (0,10±0,15mm), can be easily fitted to different kind of metal surfaces and guarantee a fast and uniform heat transfer. The uniform thermal distribution of the heating allows to avoid abnormal thermal expansions and to manage all the power with the maximum efficiency. The Kapton® insulation guarantees 260°C maximum working temperature.

## SPECIFICATIONS

<b>Approvals</b>	CE
<b>Operating temperature</b>	50 - 240°C
<b>Operating voltage</b>	1 - 400 V
<b>Output peak power</b>	3,0 W/cm <sup>2</sup>