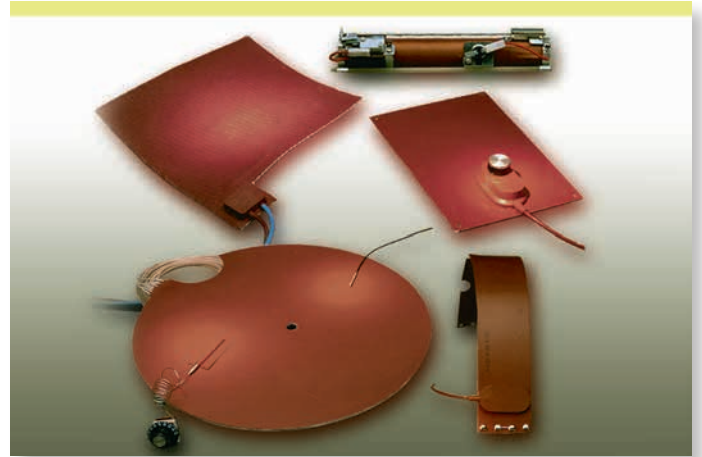


## Silicone-insulated heating mats series HM-SM-SO

for operating temperatures up to 200°C



### Description:

Flexible heating mats ready for connection are designed and manufactured specifically for the customer in all geometric shapes. Cut-outs can be catered for.

The heating element and the processed silicone materials are particularly resistant to different chemicals.

These heating mats can also be supplied with self-adhesive or magnetic foil on one side and also as a preformed version.

### Features:

- very evenly heat distribution
- splash-proof
- geometrical shapes and cut-outs as specified
- different mounting options

### Applications:

These heating mats are used for thermal work processes in which high temperature resistance and flexibility are required. In addition to warming adhesive joints, this silicone heating mat also distributes the heat very evenly over the whole surface on machine and device parts, containers, pipe sections and other moulded parts.

## Technical Data

## HM-SM-SO

nominal voltage	230 V AC
nominal power	depends on process, max 0,5 W / cm <sup>2</sup>
material	glass fibre reinforced silicone
mounting type	hooks and tension springs, eyelets, velcro or single-sided adhesive film
material thickness	ca. 2,5 mm
max. production size	3000 x 1000 mm
minimum bending radius	> 15 mm
protection class	II
protection type	IP 65 (jet-proof)
temperature sensor (fixed)	PT100 or thermocouple - according to customer specification
max. heating conductor temperature	200°C
mains connection cable (silicone-insulated)	for fixed connection

## Accessories

For the temperature regulation, we recommend our program on electronic control and temperature regulation appliances as well as the corresponding temperature sensors.



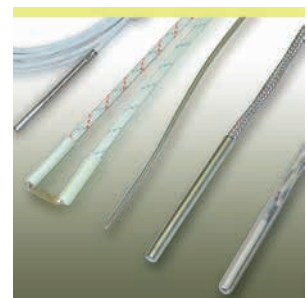
Electronic temperature regulator KM-EC 210



Electronic temperature regulator KM-RD 1000



Regulator- and limiter combination KM-RD 3012



Temperature sensors

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