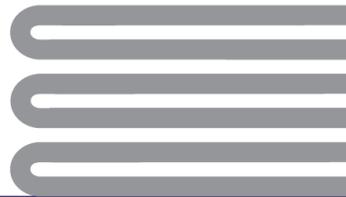




# ISOHEAT®



## High Tech Engineering

### **Self-adhesive silicone-insulated heating mat MIL-SM-A**

Up to 180°C



- **with self-adhesive film on one side**
- Even heat distribution
- Splash-proof
- Temperature control with Pt100 ( $\varnothing$  4 x 50 mm) possible via externally mounted sensor pocket
- Optionally with permanently installed temperature sensor
- Optionally with permanently installed temperature limiter
- with 400 mm earthing cable for earthing the component to be heated
- **Manufactured to customer specifications, MIL-SM can be produced in a wide range of shapes and sizes (also preformed to a specified diameter)**
- **Length, voltage and power individually customizable**

### Technical data:

Nominal voltage	Up to 500 V AC
Rated power	Up to 0.6 W/cm <sup>2</sup>
Dimensions	Up to 940 mm x 3000 mm
Mounting type	Self-adhesive film
Material	Glass fiber reinforced silicone
Material thickness	approx. 1,5mm - 2,0mm
Protection class	0* or II
Protection type	IP64 or IP65
Max. temperature	180°C
Mains connection cable (silicone-insulated)	1,5m long for fixed connection

### Order data stock items

Type	Size	Dimension in mm	Power in W	Item no.
MIL-SM4A	A4	297 x 210	220	42300297.1
MIL-SM3A	A3	420 x 297	440	42300420.1
MIL-SM2A	A2	594 x 420	900	42300594.1
MIL-SM1A	A1	841 x 594	1800	42300841.1

\*Installation must be carried out in accordance with the VDE and CE directives applicable to the application. The corresponding protective measures and contact protection must be realized by the user during installation

#### Note on the Use of Our Silicone Heating Mats

We recommend that you do not step directly on the silicone heating mats. If your application requires walking on the mat, please ensure that you place a thin, stable board on top of it. This will distribute the weight evenly and prevent localized pressure, which could impair the functionality and lifespan of the mat.

You can find further information and suitable accessories on our website: [www.isoheat.de](http://www.isoheat.de)

Do you have any questions or need a quote?

Contact us at: [office@isoheat.de](mailto:office@isoheat.de)



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