



ISOHEAT®



High Tech Engineering

Silicone insulated heating mats series MIL-SM and series MIL-SM-A

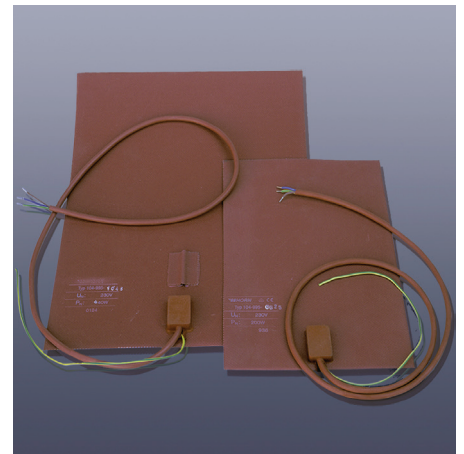
for operating temperatures up to 200°C

Description:

These flexible heating mats are in stock due to their standard sizes.

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

These heating mats can also be supplied with self-adhesive foil (MIL-SM-A).



Features:

- very evenly heat distribution
- splash-proof
- temperature regulaing with Pt100 fixed by build-on sensor pocket or integrated sensor
- additional 400 mm wire to earth the to be heated component

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 specification

MIL-SM, MIL-SM-A

nominal voltage	230 V AC
nominal power	see ordering details
dimension	see ordering details
mounting type	without or self-adhesive foil (MIL-SM-A)
material type	glass fiber reinforced silicone
material thickness	approx. 1,5 mm
protection class	0
system of protection	IP 64
max. heating element temperature	200°C (with self-adhesive foil max. 180°C)
power supply cable	1,0 m long without plug for fixed terminal additional with 400 mm earth wire

Ordering details

type	size	dimension mm	power W	part.-no.
MIL-SM4	A4	297 x 210	200	42300297
MIL-SM3	A3	420 x 297	400	42300420
MIL-SM2	A2	594 x 420	900	42300594
MIL-SM1	A1	841 x 594	1800	42300841
MIL-SM-4A	A4	297 x 210	200	42302297
MIL-SM-3A	A3	420 x 297	400	42302420
MIL-SM-2A	A2	594 x 420	900	42302594
MIL-SM-1A	A1	841 x 594	1800	42302841

Special designs in other geometric shapes and special formats (max. 3000 x 940 mm) - available on request

Accessories

For temperature regulation we supply a full range of controllers and temperature regulators appliances and corresponding with our temperature sensors.



Electronical temperature
regulator analog
series MIL-EC210



Temperature sensor
Pt100 type MIL-TP2 /
ø 4 x 50mm



Silicon glue KM-SR
tube 82 ml



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