

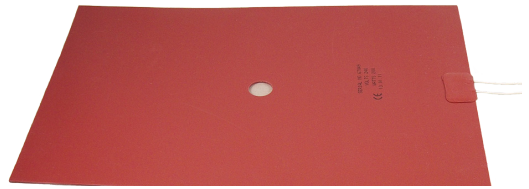
LM Silicone Rubber Mat Heaters

Where flat surfaces or awkward shapes are required to be evenly heated, silicone mat heaters are an excellent solution. Using evenly spaced resistance wires, laminated between sheets of silicone, wire-wound mats are ideal for prototyping or problem-solving applications.

High flexibility can be obtained using tough, robust silicone materials which are finding ever increasing applications throughout industry. Silicone has a wide temperature range tolerance of -60°C to +200°C and superb electrical insulation properties that gives rubber mat heaters a distinct advantage over other forms of surface heating.

All stocked mats are supplied with 500mm of PTFE flying leads and self adhesive backing. Please note: glue used for the self adhesive backing is rated to +180°C continuous use. When manufactured to customer specifications they can be made in a limitless range of shapes and sizes.

- Etch Foil technology for large quantities
- Wire wound technology for small requirements
- Precise, even heating
- Flexible and lightweight
- Moisture and chemical resistant
- Wide operating range: -60°C to +180°C (with adhesive), -60°C to +200°C (without adhesive)
- Range of power ratings available (240V, 110V, 24V, 12V)



All stock 240V heaters include a 17mm diameter centre hole



12 Volt

Size (mm)	Wattage (W)	Voltage (V)	Order Code
25 x 50	1.24	12	LM25x50-1.24-12
50 x 50	2.5	12	LM50x50-2.5-12
50 x 75	3.75	12	LM50x75-3.75-12
50 x 100	5	12	LM50x100-5-12
50 x 150	7.5	12	LM50x150-7.5-12
75 x 100	7.5	12	LM75x100-7.5-12
75 x 200	15	12	LM75x200-15-12
100 x 100	10	12	LM100x100-10-12
100 x 150	15	12	LM100x150-15-12
150 x 200	30	12	LM150x200-30-12
200 x 300	60	12	LM200x300-60-12
200 x 400	80	12	LM200x400-80-12
50 Ø	2	12	LM50-2-12
75 Ø	4	12	LM75-4-12
100 Ø	8	12	LM100-8-12

240 Volt

Size (mm)	Wattage (W)	Voltage (V)	Order Code
100 x 150	50	240	LM100x150-50-240
100 x 150	100	240	LM100x150-100-240
150 x 200	100	240	LM150x200-100-240
150 x 200	200	240	LM150x200-200-240
200 x 300	200	240	LM200x300-200-240
200 x 300	400	240	LM200x300-400-240
200 x 400	267	240	LM200x400-267-240
200 x 400	533	240	LM200x400-533-240

Please note: for high temperature applications alternative materials can be supplied. Please contact sales for further information.

For custom designs, please contact sales to discuss your requirements.