



ENGLISH

Datasheet

RS Pro Silicone Heater Mat, 80W, 2" x 8", 12V

RS Stock No: 181-2063



Product Details

RS Pro silicone heater mat operates at a supply voltage of 12V, with a power rating of 80W and a maximum temperature rating of +180°C. This rectangular shaped silicone heater mat measures 2" x 8". It is designed for areas where standard heating methods are difficult to apply. This mat is self-adhesive and has an etched foil element embedded into layers of silicone coated glass cloth.

Features and Benefits

- Acrylic backing adhesive from Nitto, no loss in performance
- Flexible silicone with etched foil heating element
- Fits to irregular shaped objects
- Operating temperature +180°C (Maximum)
- All units supplied with instruction leaflet
- Not suitable for stand-alone operation



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Specifications

Mat Shape	Rectangular
Maximum Temperature	+180°C
Rectangular Mat Size	2" x 8"
Power Rating	80W
Supply Voltage	12V
Adhesive Backing Tape	Yes
Heater Insulation Layers	Silicone Rubber
Lead Length	500mm
Lead Type	Silver Plated Copper Conductor + PTFE Insulation
Thickness	1.1mm (Not including lead connection patch)

Range of Alternative Silicone Heater Mats

Metric Range

Stock No.	Size (mm)	Rating
245-499	25 x 50	12V 1.25W
245-506	50 x 50	12V 2.5W
245-512	50 x 75	12V 3.75W
245-528	50 X 100	12V X 5W
245-556	50 X 150	12V 7.5W
245-534	75 X 100	12V 7.5W
245-562	75 X 200	12V 15W
245-540	100 X 100	12V 10W
731-350	100 X 150	12V 15W
731-366	150 X 200	12V 30W
721-372	200 X 300	12V 60W
245-578	200 X 400	12V 80W
245-584	50 Diameter	12V 2W
245-590	75 Diameter	12V 4W
245-607	100 Diameter	12V 8W
245-613	100 x 150	240V 50W
245-629	100 X 150	240V 100W
245-635	150 X 200	240V 100W
245-641	150 X 200	240V 200W
245-657	200 X 300	240V 200W
245-663	200 X 300	240V 400W
245-679	200 X 400	240V 267W
245-685	200 X 400	240V 533W
731-388	Set Of 5	30V 150W

Imperial Range

Stock No.	Size (Inches)	Rating
181-2061	2 x 6	12V60W
181-2058	2 x 6	115V 60W
181-2063	2 x 8	12V 80W
181-2055	2 x 10	120V 100W
181-2065	4 x 8	230V 160W
181-2069	4 x 40	230V 800W
181-2064	5 x 10	230V 250W
181-2068	5 x 20	230V 500W
181-2060	6 x 12	120V 90W
181-2057	6 x 12	120V 180W
181-2053	6 x 14	120V 360W
181-2067	8 x 8	230V 320W
181-2066	10 x 10	230V 500W
181-2059	12 x 12	115V 720W
181-2054	12 x 14	120V 720W