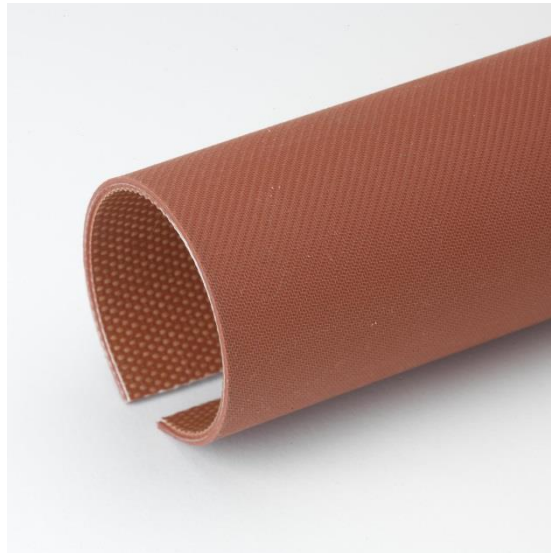


Datasheet

Stock No: [106-5428](#)

English

3D Printer Heater Mat, 250 x 250 mm, 275 W



RS Article	Heater Size (mm)	Voltage (V)	Wattage (W)	Control
1065426	150 x 150	240	100	Thermocouple J
1065427	200 x 200	240	176	Thermocouple J
1065428	250 x 250	240	275	Thermocouple J
1065429	300 x 300	240	396	Thermocouple J

Product Overview:

Silicone heater mat technology delivering improved 3D Printer quality and speed of process. Being thin and lightweight, silicone heater mats have a low thermal mass and hence have rapid heat up characteristics and fast response to temperature control. Silicone's wide operating temperature range, flexibility and superb electrical properties give it a distinct advantage over other forms of heating.

Within the heated build platform (HBP) of a 3D Printer, printing quality is significantly improved by having the platform accurately and uniformly heated. As extruded plastic cools it shrinks slightly, when this shrinking process occurs unevenly the printed component can result in warped parts.

Silicone heater mats deliver consistent and even temperatures to all parts of the HBP, especially the trouble zones. And eliminate quality concerns in order to produce perfectly formed plastic parts.

Product Details:

- Self-adhesive heater mats specifically designed to suit common 3D Printer flat bed
- Backing adhesive from Nitto, no loss in performance
- Silicone heater mats with Etched Foil heating elements
- Operating temperature +180°C (intermittent maximum due to adhesive) 150°C continuous use
- All units supplied with instruction leaflet
- PTFE braided thermocouple type J incorporated offering universal controllability

Specification:

Heater Mat Dimensions:	250 x 250 mm
Heater Mat Shape:	Square
Peak temperature:	+180°C (150°C continuous use)
Power Rating:	275 W
Supply Voltage:	240 V ac
Thermocouple:	Type J, 7/0.2mm PTFE/SSO