



Silicone Rubber Flexible Heaters for Industry...

Heating for Medical Imaging, Medical Diagnostic Instruments and Analyzers,
Heating of Aerospace Instrumentation-Satellites and Spacecraft, Environmental Control
of Electronics, Optical Equipment and Computers, Antennas

Inquiries & Technical Support 1-877-674-9744



sales@nphheaters.com

Silicone Rubber (Insulated) Flexible Heaters



Silicone Rubber (Insulated), Flexible Heaters

Advantages: NPH silicone heaters are suitable for applications where precise and intimate heating is required. Being thin and lightweight, silicone heater mats have a low thermal mass and hence have rapid heat up characteristics with fast response to temperature control. Silicone's wide temperature range tolerance of -60 to $+230^{\circ}\text{C}$ and superb electrical properties give it a distinct advantage over other forms of heating.

Applications: Silicone Rubber Flexible Heaters- NPH supply silicone heaters for a multitude of applications including industrial catering, battery warming, environmental control or electronics particularly telecommunications, composite repair of aircraft, laboratory equipment, satellite dish snow melting, anti-condensation and GRP pipe curing systems. The uses for silicone heater mats are infinite as they can suit any application requiring surface heating up to 230°C. Their suitability for arduous conditions has been proven in applications from polar expedition to space exploration. We are the final frontier in silicone heaters!

Installation and Fixing/Attachment: Our self adhesive option is a quick and simple fixing method which provides superb bonding results to many surfaces including low energy materials. Where removal of the heater is necessary alternative fixings are available such as hooks and straps as well as Velcro and magnetic backed options. Most mechanical fixing methods can be accommodated.

Thermal Control: An extensive range of thermal control devices can be incorporated onto the heaters, these include thermocouples, platinum sensors and limit switches. Pockets and housings can also be applied enabling the client to install their own control devices such as PT100's and capillary thermostats.

Service and Design: Providing the full design service NPH can manufacture virtually any shape and size heater coupled with short delivery times of 3-5 days. From prototype to production, spares and problem solving, NPH cover the full spectrum.

Customer Support: Established in 1972 our manufacturing partner has been providing surface heating solutions for customer requirements throughout the world. As Europe's largest specialized silicone rubber heater manufacturer their experience and product range is vast.



Silicone Rubber Heater D Rings



Silicone Heater with Cord and Plug



Custom Silicone Rubber Heater

Silicone Rubber Heaters Features and Benefits:

- Custom Design
- Etch Foil and Wire Wound Technology
- Precise Even Heating
- Flexible and Lightweight
- Moisture and Chemical Resistant
- Wide Temperature Range -60 to +230°C
- UL and VDE Approval available
- Low Smoke and Low Toxicity

Options Available:

• Full Design and Manufacturing Service • 3-5 Day Delivery • Quality Assured •
Dedicated Design • Cost Effective • Express Delivery



**National Plastic Heater,
Sensor and Control Inc.**

sales@nphheaters.com

Toll Free: 1-877-674-9744 (Canada and USA)

www.kapton-silicone-flexible-heaters.com

Visit our other sites below...

www.industrial-process-heaters.com

www.nphheaters.com

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