

PRE-FORMED PIPE HEATERS

CUSTOMISABLE TO ANY SHAPE OR SIZE

FOR PIPE DIAMETERS BETWEEN 10 AND 200MM

Highly flexible silicone rubber heater mats which can be custom designed to fit the full or partial circumference of small diameter pipes of different sizes and shapes.

Pre-formed silicone rubber heater mats use evenly spaced resistance wires or chemically etched foil tracks laminated between sheets of silicone. These are computer designed to the precise specifications of each pipe shape and size to provide accurate heating for a diverse range of process heating applications up to 250°C.

Easy to install, heaters can be supplied with separate straps for fixing or permanently installed using room temperature vulcanising silicone adhesive or self-adhesive systems. Insulation foam can also be bonded to the spine of the heater to help reduce heat loss without the risk of damaging the foam at very small diameters.

Health & safety : Pre-formed pipe heaters are intended for use in industrial electric heating apparatus. They correspond to the BS EN 60335-1:2012. The heater has to be operated in accordance with these standards and regulations and should be installed on an electrical system protected by a residual current circuit breaker.

FEATURES

- Etch foil & wire wound options
- Moisture & chemical resistant
- Wide temperature range up to 250°C
- Can be supplied in singular or small quantities
- Custom design
- IP64 or IP65 protection
- UL & VDE approval available

TECHNICAL SPECIFICATION

- Minimum Diameter : 10mm
- Maximum Diameter : 200mm
- Thickness : 1.5mm to 2.2mm
- Material Operational Range : -60°C to 260°C
- Power Rating : Application dependent
- Thermal Conductivity : 0.22 watt/metre/K

Pre-formed silicone heaters have good resistance to the following; weather & ageing, fungus & bacteria, acetone, alcohol, formic acid, brake fluid, acetic acid, greases, hydrochloric acid 10%, sulphuric acid 10%, waxes and plasticisers. In addition to this the heaters have adequate gas permeability and good steam resistance up 130°C and 2.5 Bar respectively.



TO TALK TO OUR EXPERT TEAM,
CALL **+44 (0)1483 869 070** OR
EMAIL **SALES@HAWCO.CO.UK**

PRE-FORMED PIPE HEATERS

COMPARISON OF PRE-FORMED HEATERS WITH KAPTAN AND SILICONE RUBBER HEATER MATS

	PRE-FORMED SILICONE	KAPTAN	SILICONE WIRE WOUND	SILICONE ETCHED FOIL
MATERIAL OPERATIONAL RANGE	-60°C to 260°C	-269°C to 200°C	-60°C to 260°C	-60°C to 200°C
THICKNESS RANGE	1.5mm to 2.2mm	0.2mm to 0.3mm	1.1mm to 3mm	0.8mm to 1.5mm
MAXIMUM POSSIBLE SIZE	200mm diameter	285mm x 550mm	940mm x 3000mm	595mm x 2500mm
UL & VDE APPROVAL AVAILABLE	✓		✓	✓
SUITABLE FOR HIGH QUANTITY	✓	✓		✓
LOW SMOKE LOW TOXICITY AVAILABLE	✓		✓	✓

