

SILICONE SPIRAL HEATERS

FOR HEATING FLEXIBLE OR RIGID PIPES

hawco

Silicone rubber spiral heaters providing surface heating up to a maximum operating temperature of 200°C. Designed to suit a variety of flexible or rigid small diameter pipes

Standard range suitable to suit 1/4" (6.35mm) outer diameter and available in six different lengths. Can also be supplied to bespoke diameters and lengths.

Constructed using a spiral wire element encased between two layers of silicone rubber, spiral heaters are well suited to fit curved or straight pipework.

Applications include fluid or gas delivery, semiconductor processes, frost protection, anti-condensation and heat loss maintenance.

Spiral 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.

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

FEATURES & OPTIONS

- Suitable for straight or curved pipe sections
- Robust spiral heating element
- UL & VDE approval available
- IP64 protection
- Incorporated temperature sensors available
- Stand-alone heaters or parallel options available
- Standard sizes of 1/4" (6.35mm)

TECHNICAL SPECIFICATION

- Thickness : 1.5mm
- Temperature Ranges : -60°C to 200°C
- Power Rating : 0.26 - 0.3W/Cm²
- Thermal Conductivity : 0.22 (Watt/Metre/K)

MATERIAL

- Spiral wire on a fibreglass cord & silicone rubber and glass fibre sheets



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

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STANDARD SIZES

PART NO.	LENGTH (80% SURFACE COVERAGE)	EXTENDED LENGTH (APPROX 60% SURFACE COVERAGE)	VOLTAGE	WATTS	POWER DENSITY (W/CM ²)
HAW001-2002	205mm	250mm	120	11	0.26
HAW001-2003	375mm	440mm	240	19.5	0.27
HAW001-2004	475mm	550mm	240	25	0.27
HAW001-2005	612.5mm	720mm	240	33	0.28
HAW001-2006	780mm	900mm	240	45	0.30
HAW001-2007	1020mm	1150mm	240	52	0.27



Other diameters and lengths available on request for bespoke applications

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Visit www.hawco.co.uk/industrial for additional details