TEKNISK ELVARME

FLEKSIBLE VARMEMÅTTER



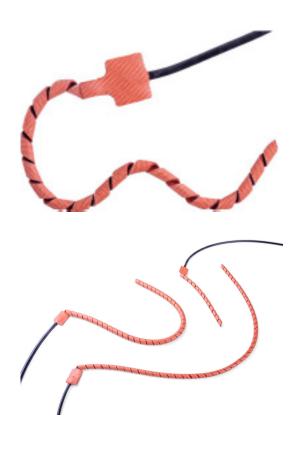
SILIKONE SPIRAL VARMELEGEME





APPLICATIONS:

We manufacture spiral heaters using similarities to the silicone wire wound product range. However, spiral heaters are designed to suit a variety of flexible or rigid small diameter pipes which our other products may not always be suitable for. These heaters are appropriate for use in many applications including; fluid or gas delivery, semiconductor processes, frost protection, anti-condensation and heat loss maintenance. The uses for spiral heaters are ever increasing for pipe heating applications requiring surface heating up to 200°C. We have standard sizes for our spiral heaters but they can be manufactured bespoke to the customers specification in a range of different diameters and lengths.



MAIN POINTS:

- Suitable for Straight or Curved Pipe Sections
- Robust Spiral Heating Element
- Easy to Install
- UL & VDE Approval Available
- IP64 Protection
- Incorporated Temperature Sensors Available
- Stand-Alone Heaters or Parallel Options Available
- Standard Sizes of 1/4" (6.35mm)





CONSTRUCTION:

Constructed using a spiral wire element encased between two layers of silicone rubber, spiral heaters are well suited to fit curved or straight pipework. The standard range is suitable to suit ¼" (6.35mm) outer diameter and can be supplied in six different lengths. With a maximum operating temperature of 200°C and the option to add a variety of temperature sensors, spiral heaters provide an ideal solution to heating pipes in many applications.

CHARACTERISTICS:

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.

TECHNICAL DATA				
THICKNESSES	1.5MM			
TEMPERATURE RANGES	-60°C - 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			

PART NO.	LENGTH (80% SURFACE COVERAGE)	EXTENDED LENGTH (APPROX. 60% SURFACE COVERAGE)	VOLTAGE	WATTS	POWER DENSITY
HOL001-2002	205MM	250MM	120	11	11
HOL001-2003	375MM	440MM	240	19.5	19.5
HOL001-2004	475MM	550MM	240	25	25
HOL001-2005	612.5MM	720MM	240	33	33
HOL001-2006	780MM	900MM	240	45	45
HOL001-2007	1020MM	1150MM	240	52	52



VORES PRODUKTSORTIMENT INKLUDERER:













VI FØRER PRODUKTER INDENFOR KATEGORIERNE:







AUTOMATIK HVAC & BYGNIN AUTOMATIK



