



## ***Spiral Wrap Heaters- Pre-formed Flexible Silicone Rubber Heater Technology For Small Diameter Rigid & Flexible Pipes & Tubes***



Installed Silicone Rubber Spiral Wrap Heater-Pre-formed

### **Description:**

NPH silicone spiral wrap heaters to suit pipe work and tubular applications, however, manufacturing techniques for standard preformed heaters meant that for small diameter pipes the heater could only be manufactured in short lengths for rigid pipe work. Through continued product development, NPH can now offer the Spiral Wrap Heater range to suit flexible or rigid pipes. All in all a great flexible heater strip pre-formed spirally to fit various small diameter pipes/tubes/lines with consistent contact for better temperature uniformity.

### **Applications:**

Fluid or Gas delivery systems

Semi-conductor processes

Freeze/ Frost protection

Anti-condensation

### Features and Benefits:

Suitable for straight or curved pipe sections  
Robust spiral heating element

Easy to install

Can be supplied with incorporated temperature sensor for accurate control with a suitable controller

NPH can supply stand alone heaters or parallel option to cater for longer pipe runs

### TECHNICAL DATA:

#### Specifications

Heater material is robust silicone rubber coated glass fiber fabric

Maximum operating temperature of 392°F/200°C

Standard range to suit 1/4" (6.35mm) outer diameter pipe in six different lengths

Custom designs available to suit customer specific pipe diameter, length and Voltage

Typical power/watt density approximately 0.3W/cm<sup>2</sup>

Supplied with 0.5m PTFE supply leads as standard for single heater installation but can also be manufactured with 2 pairs of supply leads for parallel connection in a multi heater installation.

Optional temperature sensors, typically surface mounted Thermocouple or RTD

Can be manufactured with UL or CSA approvals.



Installed Spiral Wrap Silicone Heater   Pre-Formed Uninstalled Silicone Spiral Wrap Heater   Spiral Wrap Silicone Heater On Rigid Pipe



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