

Micro type Coil Tube Heating Cartridges

Coiled tube heating cartridges have been proven heating elements for many years, e.g. for external heating of nozzles in cylindrical workpieces.

MICRO TYPE:

heatsystems micro coiled tube heating cartridges are delivered with connections at both ends. Both cartridge ends can be joined in a connection head on request. A thermocouple cannot be installed in the heating element because of the small dimensions. The use of an externally arranged thermocouple is advisable.



Micro coiled tube heating cartridge with clamping band.

MICRO TYPE WITH CLAMPING BAND:

The product advantages of the **heatsystems** micro coiled tube heating cartridge:

- compact design
- fast, simple assembly by clamping clip

Two capacity versions have established themselves on the market.

These versions are available from stores stock at short notice:

Dimensions:	∅ 19.05 x 30.5 mm ^{3/4"} x ^{1 1/5"}
Capacity:	125 Watt, 250 Watt
Capacity tolerance:	+/- 10%, narrower on request
Voltage:	230 Volt AC
Unheated length:	150 / 180 mm
Connection:	2 connection heads
Supply line:	Copper wire nickel-plated, PTFE insulated, 1,000 mm long

Different capacities on request.

Versions available from stores stock at short notice:

Capacity at 230 Volt AC	Total length, of which unheated		
	both sides 60 mm 1.3 x 2.3 mm	both sides 60 mm 1.8 mm round	one side 50 mm 1.8 x 3.2 mm
125 Watt	390 mm	390 mm	
150 Watt	440 mm	440 mm	
175 Watt	500 mm	500 mm	
200 Watt	560 mm	560 mm	350 mm
250 Watt	670 mm	670 mm	
300 Watt	780 mm	780 mm	
330 Watt			600 mm
450 Watt	1110 mm	1110 mm	
470 Watt			800 mm
620 Watt			1000 mm

Coiled Tube Heating Cartridges

Coiled tube heating cartridges are proven heating elements for heating round machine parts or nozzles. They were developed in the 1980s. Today, they are mainly used as nozzle heaters in machines for injection moulding of plastics and in hot runner tools and distributor bars.

The following sizes have established themselves on the market:

- 2.2 x 4.2 mm
- 3.0 mm round
- 3.0 x 3.0 mm
- 3.3 mm round



Coiled tube heating cartridges.

Available from stores stock at short notice:

Capacity at 230 Volt AC	Total length of which unheated 65 mm	
	2.2 x 4.2 mm 3.3 mm round	50 mm 3.2 x 3.2 mm 4.0 mm round
150 Watt		250 mm
200 Watt	315 mm	300 mm
225 Watt	345 mm	350 mm
250 Watt	400 mm	400 mm
290 Watt	450 mm	450 mm
325 Watt		500 mm
350 Watt	525 mm	
400 Watt	585 mm	600 mm
475 Watt	665 mm	700 mm
550 Watt		800 mm
625 Watt	825 mm	900 mm
700 Watt	965 mm	1000 mm
850 Watt		1200 mm
950 Watt		1400 mm
1100 Watt		1600 mm
1200 Watt		1800 mm

All **heatsystems** coiled tube heating cartridges are also available with a built-in thermocouple. The standard version of the thermocouple is the element type Fe-CuNi type J. In addition, the version with thermocouple Ni-CrNi type K is available at short notice.

heatsystems coiled tube heating cartridges are equipped with a nickel-plated copper wire with PTFE insulation in the standard version. Wire length 1,000 mm. Other connection types are available at short notice at the customer's request.