

Micro Tubular Heaters

Anupam

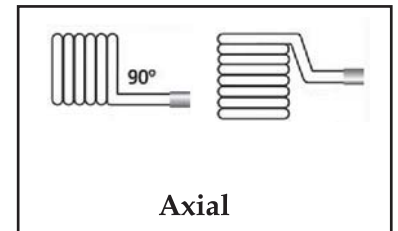
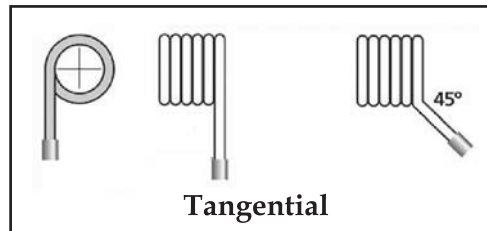
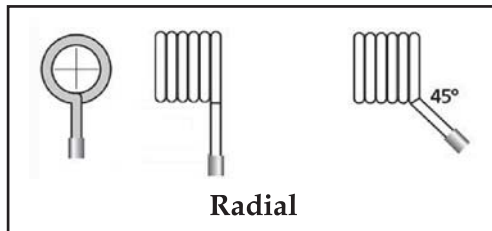
Relationship beyond Heating Technology ...

Anupam's Micro Tubular Heaters are manufactured in round, square & rectangular section to guarantee the maximum thermal exchange keeping an excellent efficiency. Most important applications are Nozzles for Hot Runner Systems, Hot Melting Nozzles, Manifolds etc. These Heaters can be manufactured with inbuilt thermocouple J or K type.



CE

ADAPTOR EXIT OPTION



TECHNICAL DATA :

• Voltage	: Upto 250 V
• Watt Density	: Max. 15W/Sq cm. or 100W/sq. inch
• Section	: ϕ 3.3 mm, ϕ 4mm <input type="checkbox"/> 3x3 mm <input type="checkbox"/> 3.3x3.3 mm <input checked="" type="checkbox"/> 1.8x3.2, 2.2x4.2, 2.5x4.2 <input checked="" type="checkbox"/> 4x6 mm, 4.6x8.6 mm
• Surface Temp.	: Max. 750° C / 1380° F
• Thermocouple	: Available with inbuilt Thermocouple type J or K
• High Voltage Flash test (cold)	: 800 V (AC)
• Insulation Resistance (cold)	: \geq 5M Ω at 1000V (DC)
• Diameter Tolerance	: \pm 0.15 mm
• Length Tolerance	: \pm 5%
• Wattage Tolerance	: \pm 10%
• Max. Straight Length	: 2500 mm

TO ORDER SPECIFY :

- ▶ Inside Diameter (D) in mm
- ▶ Leads Orientation
- ▶ OD & Cross section of Heater
- ▶ With or without inbuilt thermocouple
- ▶ Quantity
- ▶ Spiral Length (L) in mm
- ▶ Wattage (W) / Voltage (V)
- ▶ Leads protection

Heaters available in Straight & coiled from with & without inbuilt thermocouple.

*More sizes available on request

Mini Coil Heaters

Mini Coil Heaters are manufactured in round and rectangular section. These round / rectangular Mini coil heaters are swaged and formed into a coil of predefined dimension. It is equipped with a metallic cover for easy fitment. These heaters are available in standard Screw clamping system & AXIAL clamping system. The AXIAL clamping allows the front end loading for easy installation in multi cavity moulds.

Section: 1.8 ϕ Dia \square 1.5x2.1

Heaters are readily available in following dimensions.

ID in mm	OD in mm	Length in mm	Wattage W	Voltage V	Lead Length	Unheated Length
19.05	23.5	30.5	268	240	1000mm	5" or 7"
22.2	26.6	30.5	268	240	1000mm	5" x 7"

APPLICATION :

- ▶ PET Preform moulds
- ▶ Thin walled container mould
- ▶ Hot runner nozzles in multi cavity mould

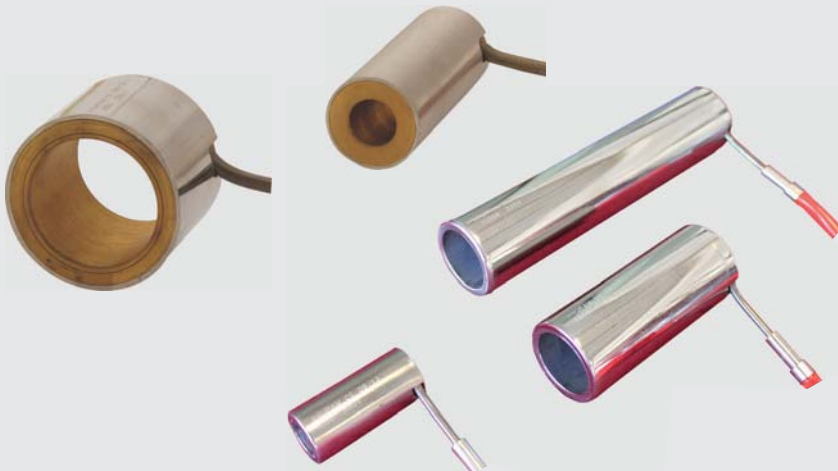


Std. Screw Clamping



Axial Clamping

Micro Tubular Heaters with Brass & Steel Sleeve



TO ORDER SPECIFY :

- ▶ Inside diameter of sleeve in mm
- ▶ Outer diameter of the heater
- ▶ Sleeve length
- ▶ Sleeve material (Brass / Steel)
- ▶ Wattage / Voltage
- ▶ With or without inbuilt Thermocouple.