

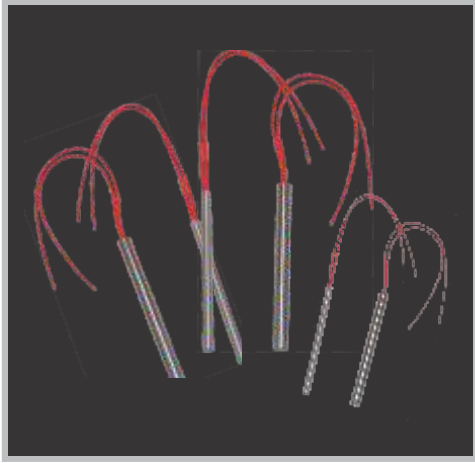


ALFA HEATERS AND CONTROLLERS - F.Z.E

Pioneers in Heating Solutions

CARTRIDGE HEATERS

Alfa Heaters offer Cartridge Heaters both High watt and Low watt Density. These heaters are designed for a long life and outstanding performance.



APPLICATION:

Cartridge heaters can be specified to meet the demand of special Application:

- ❖ Moulds & Dies
- ❖ Labeling Machines
- ❖ Packaging Equipment
- ❖ Laminating Equipment
- ❖ Heating Liquids & Gases

ORDERING INFORMATION:

1. Diameter
2. Length
3. Wattage
4. Voltage
5. Wire lead length
6. Inbuilt Thermocouple required or not
7. Termination type

HIGH WATT DENSITY CARTRIDGE HEATER:

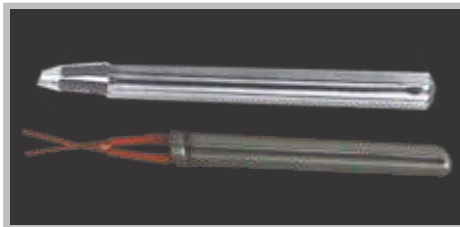
The Construction of this type varies from Low Watt Density Cartridge Heater in two aspects. The space between Ceramic bricks & the tube filled with selected grain size of high purity Magnesium Oxide (MgO). This is swaged to an extent of producing excellent heat transfer capability and dielectric strength and long life. The tube used to house the ceramic brick arrangement is of SS 316 sheath or Incoloy 800 with maximum watt density of 12 Watt/sq.cm.

LOW WATT DENSITY CARTRIDGE HEATER:

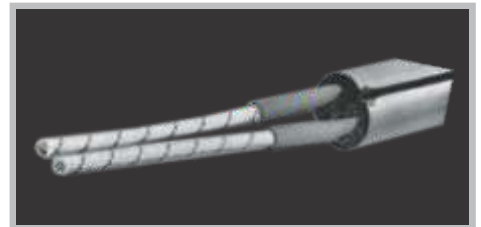
Coil is made up of helically wound coil of Nickel Chrome wire. This coil is passed through specially designed circular ceramic bricks in such a way that it is evenly stretched to form stacks of ceramic bricks. This arrangement is housed in a tube of SS 304 Sheath with maximum Watt density of 4 Watt/sq.cm.



Threaded Post Terminal



Teflon Wire



Fiberglass or Silicon Rubber Sleeving

TYPE OF TERMINATIONS



High Temperature Fully Flexible Wire



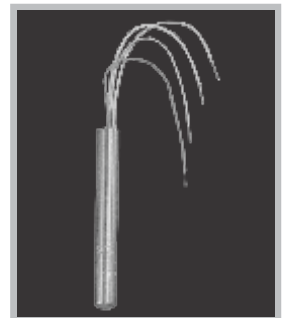
L Shaped 90° bend with SS Conduit pipe



Plug type



Immersion type



Thermocouple Inbuilt Cartridge Heating

Warehouse #G1-33, Gate No.1,
Ajman Free Zone, Ajman, (U.A.E).

Tel: +971 6546 1606 M: +971 54 392 5281
E: info@alfaheaters.ae sales@alfaheaters.ae