



# SUNBRIGHT INDUSTRIES

## SEALED MICA NOZZLE HEATERS



### **OVERVIEW**

We specially designed Sealed Mica nozzle heater are hermetically sealed for liquid plastic during the manufacturing process. The connection between the heating element and the leads is protected by a special fitting made of brass / stainless steel 1 mm thick, with welding which allows a high mechanical strength in the most delicate area of the heater. They are available in model SN -B and SN- SS having maximum watt density 6-8 w/sq. cm.

The Sealed Mica Nozzle Heaters are available in either Brass or Stainless Steel versions, depending on the application.

### **CONSTRUCTION**

A thin layer of the "high" thermal conductive MI material is used to electrically insulate the element wire from the inside diameter of the heater sheath. A thicker, "low" thermal conductivity layer backs up the element wire, directing the heat inward toward the heated part. The result is more efficient heat transfer—a performance solution lowering element wire temperatures and increasing heater life.

### FOR ENQUIRY

Call us: - 020-27484756 / 9049918253 / 9422088017

Fax: - 020-27458946, Email-id: - sunbrightindustries@yahoo.co.in



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## **TECHNICAL SPECIFICATION**

Sheath Material	Stainless Steel	Brass
Wattages	4.5 W / Sq. cm	6W / Sq. cm
Voltage	230 V	230 V
Length	Min. 25 mm , Max. 70 mm	Min. 25 mm, Max. 100mm
Diameter	Min. 30 mm Max. 100 mm	Min. 25 mm, Max. 100 mm
Working Temp	300 / 320°C	380 / 400°C
Lead Length	1000 mm	1000 mm

## **FEATURES**

- ✓ Faster heat-up and throughput for increased productivity.
- ✓ Immediate response to temperature control.
- ✓ Resists contamination by overflow of plastic resin melt.
- ✓ Special high grade mica insulation for higher thermal conductivity.

## **APPLICATIONS**

- ✓ For heating the nozzles of Injection Molding Machines
- ✓ Extruders
- ✓ Blown film dies
- ✓ Nozzles of Injection molding machines.
- ✓ Other cylinder heating applications.
- ✓ All Plastic & Rubber Processing Machinery.



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## ORDERING INFORMATION

- ✓ Operating voltage
- ✓ Wattage (W)
- ✓ Inside diameter (Ø)
- ✓ Length of the heater (L)
- ✓ Lead Length
- ✓ Type of Models
- ✓ Quantity



SINCE : 1991

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