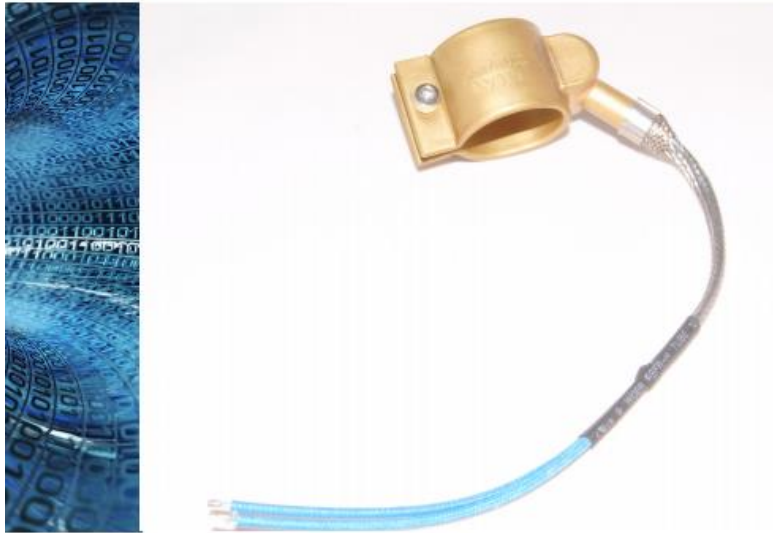


# Datasheet

## Mica Heating Pad, 1 Dia. x 1 in, 100 W

RS Stock number 790-4845



### Hermetically sealed nozzle heaters Heating Elements

**DESCRIPTION**

Our nozzle heaters are hermetically sealed for liquid plastic within the manufacturing process.

These types of heaters are used to give long life where normal mica heaters cannot last as long due to process leakages.

They are available in various sizes and can also be specially made according to requirements.

**APPLICATIONS**

These heaters are typically used on: injection moulding machines, extruders, dies, Moulds and process machinery requiring high temperature heating up to 300 deg C.

**CONSTRUCTION**

Hermetically sealed mica heaters are constructed by winding resistance wire around a formed mica sheet which is

insulated and terminal connections fitted. It is then encased in brass casing which gives good mechanical strength and protection.

**INSTALLATION**

Mica Heaters should be clamped securely to the surface to be heated to allow adequate heat transfer and prevention of premature failure.

Diameter	Length	MaxTemp	Wattage	Voltage	Cable length	PART NO.
1"inch	1"	300°C	100W	240V	1 m	NH-1-1-100-7904845
1"inch	1.5"	300°C	150W	240V	1 m	NH-1-15-150-7904867
1.5"inch	1"	300°C	150W	240V	1 m	NH-15-1-150-7904883
1.5"inch	1.5"	300°C	150W	240V	1 m	NH-15-15-150-7904870
1.5"inch	1.5"	300°C	220W	240V	1 m	NH-15-15-220-7904861
2"inch	1"	300°C	130W	240V	1 m	NH-2-1-130-7904892
35mm	30mm	300°C	150W	240V	1 m	NH-35-30-150-7904855
40mm	25mm	300°C	150W	240V	1 m	NH-40-25-150-7904849
42mm	32mm	300°C	200W	240V	1 m	NH-42-32-200-7904864
50mm	25mm	300°C	130W	240V	1 m	NH-50-25-130-7904851
60mm	25mm	300°C	225W	240V	1 m	NH-60-25-225-7904858