

## Mica band heaters expand. 320°C

An expanding mica band heater is an internal mounted band heater especially useful when you only have room for an element inside a pipe or a heating tool. Mica band heaters are often used for plastics injection molding and contact heating in machines, nozzles, tools, pipe systems and blow molding. For the plastic, foundry and rubber industry is this unit the most used electrical heater.

The construction of a mica band heater is done with high quality resistance wire, micanite sheets and a high temperature treated stainless steel casing. The band heater withstands temporary peak temperatures up to 350°C, has an even heat distribution and are impact resistance.

Mica band heaters can be provided with built in thermocouple and nipples, holes and slots for external temperature sensors.

Power supply can be connected by pre-assembled cables, connection boxes or contacts.



### Technical specification

Surface load up to 4W/cm<sup>2</sup>

Working temperature up to 320°C

Customized supply and zoning

Built in sensor TC J or TC K. Other types of sensors are usually available as an option

Resistance wire in Nickle/Chromium 80/20

Built in pure micanite insulation

Casing in stainless steel