

MICANITE BAND HEATERS

Description

Micanite elements are to a large extent used for contact heating of tools and for indirect heating of liquids in vessels. Micanite is an excellent insulation material based on mica. The micanite sheets can be cut, punched or shaped to fit in tools etc. This elements can be enclosed by metal sheet in flat or round shape and is then called band heaters.

Band heaters are used for contact heating in machines and for heating of moulds and tools mainly in the plastic -, casting - and rubber industry.



Technical specifications

Metal sheet material:	Stainless steel, brass, iron
Isolation material:	Micanite (mica)
Minimum width:	3mm
Operating temperature:	Max. 700°C
Power density:	Max. 4.5W/cm ²
Connections:	Connection box, Nickel wire, cabinet inlet, flat pin, connectors, screw and nut



Benefits & application fields

BENEFITS

- Good heat transfer
- Adaptable to almost any shape
- Available with many connection systems

APPLICATIONS

- Mould and tool heating
- Indirect heating of liquids
- Plastic injectors and extruders

