

5.01.01 Micanite element

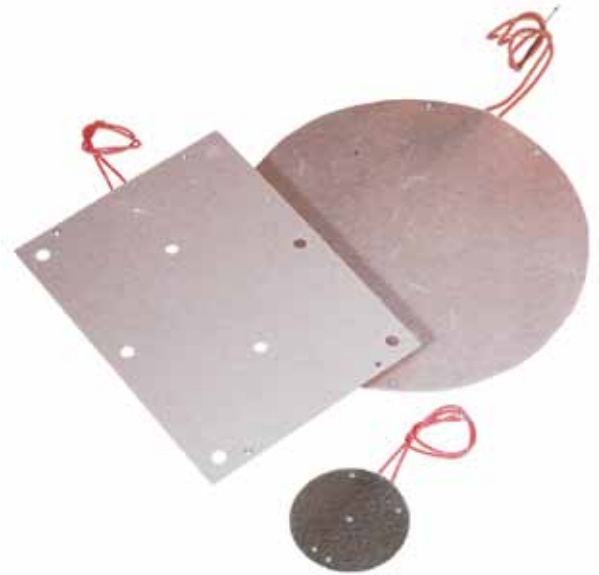


>> Description

Micanite elements are used for contact heating of tools and indirect heating of fluids in different types of containers. Micanite is an excellent insulation material based on mica, which can be cut, punched or shaped. They can also be encapsulated with steel and are then called band- or ring elements.

>> Technical specification

Material	Micanite
Dimension	Acc. to customer spec.
Connection	Cable, tab terminals, screw and nut, nickel wire with ceramic pearls or silicon rubber hose.
Design	Acc. to customer spec.
Operating temperature	Max 700°C (at max. 4 W/cm ²)
Surface load	3–4 W/cm ² at very high heat transfer
Voltage	Max 480 V
Safety	The elements meet requirements acc. to EN 60335-1



Micanite element

>> Benefits

- Can be shaped to fit the application
- Compact design

>> Fields of application

- Tools
- Containers
- Heating plates
- Dryers
- Bread toasters



2010.03