

## Mica Heaters

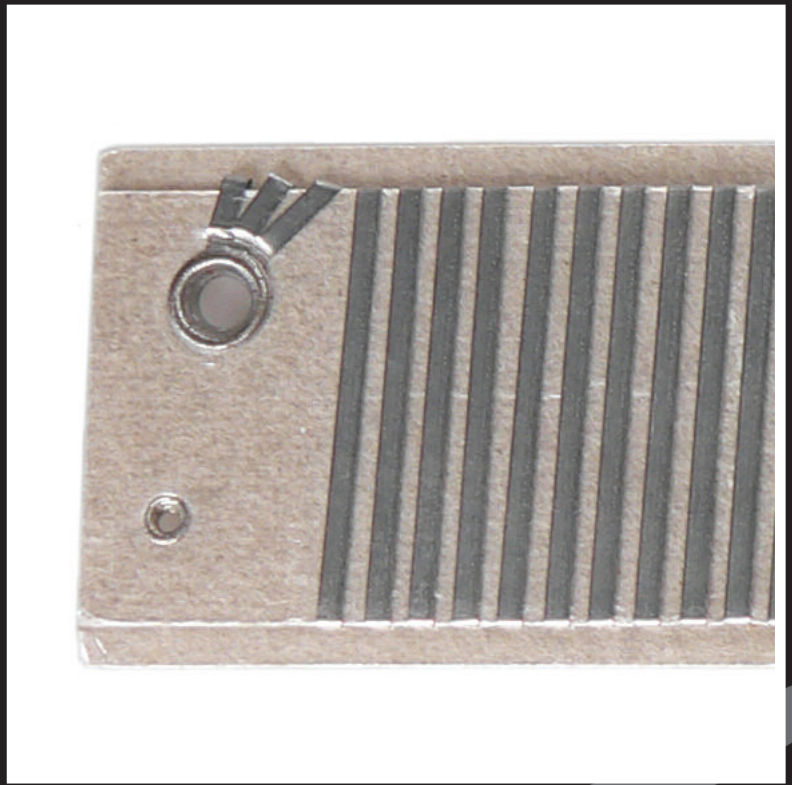
- Surface temperature to 450°C
- Bare Mica or Sheathed Construction
- Shape, Size, Voltage and Power to suit application
- Termination to suit requirement
- Multiple Band for large Diameters
- Designed to customer specification

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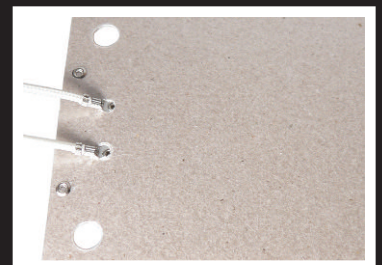
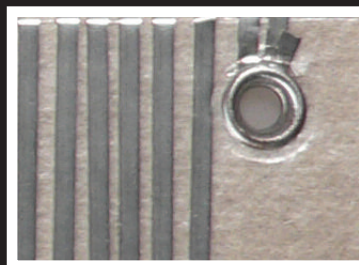


ISO 9001:2008  
FM 558985

UL and VDE approved manufacturing facilities



- Quality Assured
- Dedicated Design
- Cost Effective
- Express Delivery





# Mica Heaters



## Advantages:

Holroyd flat mica heaters can be supplied as bare mica heaters or be encased in specially treated sheath materials. The sheathed heaters can also be formed to shapes such as “L” or “U” sections. Holes and cut outs to customer design can be easily accommodated. Flat Mica heaters must be clamped securely to the surface to be heated.

Flat mica and flat sheathed heaters can be manufactured to almost any size. The limiting factors being the design of a suitable element tape and on large heaters, the ability to provide adequate clamping over a large surface area. Band heaters are manufactured in one piece construction up to 12” diameter.

## Applications:

**FLAT:** Dies, Platens, Moulds, Tanks, Process Machinery, any application where controlled surface heating is required.

**BAND:** Dies, Cylinders, Drums, Tanks, Injection and Blow Moulding Machinery and Plastic Extruders.

## Construction:

For both flat mica and band heaters, the heating element is constructed by winding a high temperature resistance tape around a mica former. This is then insulated with mica sheets and is termed as a bare mica heater (Terminations added). For flat sheathed, formed or band heaters, this assembly is then encased in Zintec sheet to give a robust mechanical protection to the element and allow it to be formed to various shapes.

## Fixing & Installation:

Flat Mica Heaters must be clamped securely to the surface to be heated.

Fixing of Mica Band Heaters is by integral clamping bracket or separate clamp band with barrel nuts.

## Service and Design:

Holroyd mica band heaters can be supplied in single or multiple units to fit almost any diameter of barrel, drum, die etc. As with flat mica heaters, bands can be designed with holes and cut outs to customer requirements.

The flexibility of Holroyds manufacturing techniques allow us to offer mica heaters to individual customer specifications while maintaining competitive prices and short lead times.

## Customer Support:

Established in 1972 Holroyd have been providing surface heating solutions for customer requirements throughout the world. As Europe’s largest specialised silicone rubber heater manufacturer our experience and product range is vast.

For detailed product information please visit us at [www.holroydcomponents.com](http://www.holroydcomponents.com) or contact our technical sales team.

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