

Micanite and ceramic heater bands

Features :

- Micanite or ceramic isolation for heater bands;
- Band heaters are made to heat cylinders, such as pipes, barrels, or nozzles of injection molding and extruding machines;

Electrical resistance – is made of kanthal or nikrothal;

Electrical isolation – is made of micanite with concentration very low impurity, or ceramic insulators who have high strength to thermal shock and high dielectric strength;

Housing – is made of stainless steel with high resistance to corrosion and high temperature optimum efficiency for heat exchange between resistance and heating element;

Power – can reach up to kW. Specific power may fall within the range $3.5 \div 5W/cm^2$ those with micanite, and those with insulators ceramic $4 \div 6W/cm^2$, special needs can reach values up to $8W/cm^2$;

Power supply – $1 \div 3$ phase Vac;

Ceramic connector – may have different forms and can be fitted with protection cap;

Order code:

- Diameter, width, dimension and position of each hole required;
- Power for resistance and power supply;
- Type of connector and the length cable for power supply;

Tests to confirm the product quality:

- Measuring the ohmic resistance values, isolation resistance and dielectric strength;
- Measuring leakage current and check ground connection where required;



Our company can execute any model of band resistance, after customer data and design.

Our company can offer the following products for use heating installation:

- Thermocouple and RTD for temperature measuering;
- Digital controller, programmers and recorders for temperature;
- Wire of kanthal or nikrothal;