INFRARED HEATING ELEMENTS

Heatrod Elements
BACKER GROUP MEMBER

Description

Infrared elements offer quick and efficient heating for a low investment cost. This design is especially suitable when intermittant heating is required. An advantage with infrared elements is that they can be used in vacuum and air flow environments.

Fields of Application

- Plastic moulding
- Paint & print drying
- Sterilisation
- Gluing
- Screen printing
- Outdoor heating

Benefits

- Quick & efficient heating
- Low investment cost
- Suitable for intermittant heating
- Can be used in vacuum and air flow environments

Ceramic infrared heating elements are used for hardening and drying processes, amongst others.
These elements are manufactured by moulding a resistive conductor into a ceramic mass. Ceramic elements have a temperature range of 300°C to 730°C and produces an infrared wave of 2-10 µ.
The glazed ceramic surface protects the heating spool against rust and aggressive substances.
We have a wide range of standard models – call for more information about our inventory or discuss how Heatrod can offer bespoke elements for your application.

Quartz infrared heating elements produce short wavelength radiation and provide a working temperature of up to 2,400°C. These elements can be used in environments with a vacuum, or where there is air movement.
Infrared heating elements offer a quick and efficient heating to a low investment cost and is especially suitable where brief heating at intervals is required.