Backer tubular heating elements can be produced cast-in in an aluminium alloy. The cast-in technique offers advantages such as influencing the temperature regulation of a large mass, uniform heat emission and low operating temperatures thanks to the fact that surface enlargement can be integrated with the element.

### Type of heating
- Indirect liquid heating
- Contact heating
- Convection/air heating

### Material
- Aluminium alloys: SS-EN-46000
- SS-EN 44300
- Brass

### Dimension
- Maximum 500 x 500 mm, in certain cases even bigger

### Fields of application
- Heating plates
- Oil heating
- Motor heaters
- Tool heaters
- Frying tables

### Assembly
- Fixing to the object

### Connection
- M4, flat pin, spot welded cable, round pin

### Type
- One or two wattage ratings/element
- According customer specification
- Standard range
- Can be manufactured with UL, VDE approval

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*Example of product design*