

# ALUMINIUM FOIL ELEMENT

## Description

Aluminium foil with heating cable extruded in silicon and supported between two self-adhesives aluminum foils. One of the aluminium foils are also adhesive on the bottom side, in order to be stuck onto the surface of the Appliance.

PVC cables can be used if low wattages and temperature up to 20 W/m, and 105°C. In that case the cables are fixed directly onto one aluminium foil.

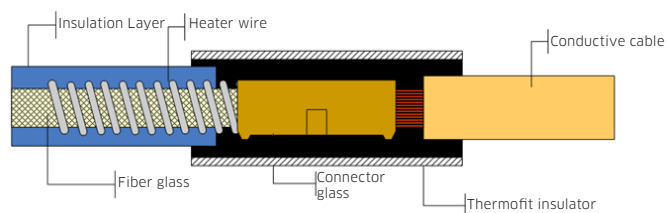
We can also offer a solution with a safety fuse in some part of the product and even a thermostat.



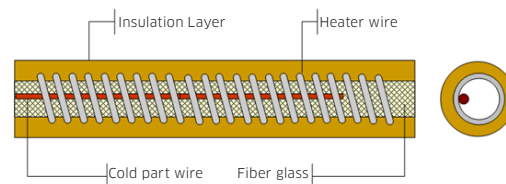
## Technical specification

|                      |   |
|----------------------|---|
| Material             | Aluminium   |
| Dimension            | Acc. to customer spec.                              |
| Connection           | Connecting wire CuNi 0,75 mm <sup>2</sup>           |
| Power                | 50-250 W  |
| Voltage              | 110-240 V   |
| Assembly             | Self-adhesive                                       |
| Operating temp       | Maximum 200°C                                       |
| Surface load Wattage | Maximum 40W/meter                                   |
| Insulation           | Cables insulated with silicone or thermoplastic     |
| Resistance/length    | 0,66 ohm/m to 21650 ohm/m with a tolerance of ± 5%. |
| Safety               | The elements meet requirements acc. to EN 60335-1   |

Clamped Connector



Continuous cold part



## Printed elements

### BENEFITS

- Low weight
- High temperature impervious self adhesive film
- Easy assembly, self adhesive

### FIELDS OF APPLICATION

- Anti-condensation
- Evaporation systems
- Domestic heating - radiators
- Refridgeration applications

