

Cabinet Heaters

>> Foil Heater advantages

Foil heaters is a low profile heater with high power density (0,5 mm to 25 mm). With a maximum width of 600 mm and length of 3000 mm, we cover a big range of applications.

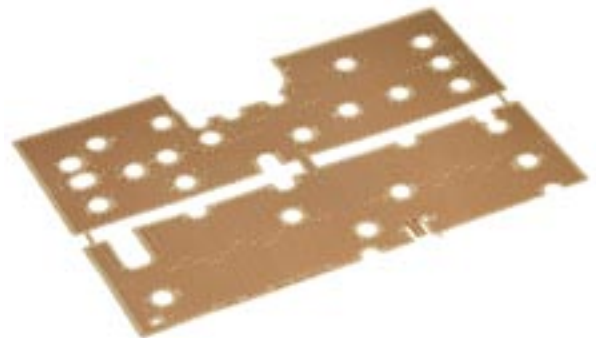
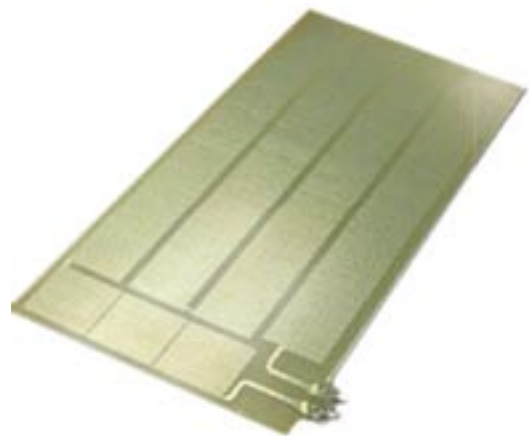
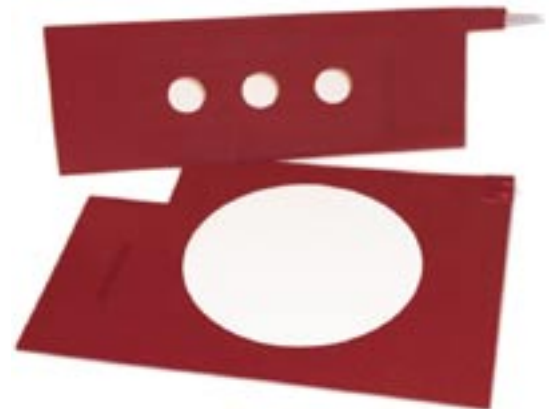
Heaters can also be delivered with extra insulation layers. By using PSA or silicone vulcanized directly to metal plates at the assembly, the heaters gets excellent heat distribution and high durability.

>> Technical Specifications

Example materials

| | PET | F RTP | Silicone |
|---|------------------------------------|------------------------------------|------------------------------------|
| Max. element temp. °C, (°F) | 130 (266) | 80 | 230 (446) |
| Min. element temp. °C, (°F) | -50 (-58) | -50 | -50 (-58) |
| Dielectric strength at 20°C kV/mm | 220 | 20 | 17 |
| Thermal conductivity at 100°C W/m | 0.17 | 0,36 | 0,24 |
| Moisture absorption (24 h immersion at 23°C) in % | 0.2 | 0.025 | 0 |
| Waterproof as per IED 60335 | Yes | Yes | Yes |
| Resistance tolerance | ± 5% of standard ± 2% available | ± 5% of standard ± 2% available | ± 5% of standard ± 2% available |
| Rated voltage | Up to 690 V AC/DC | Up to 690 V AC/DC | Up to 500 V AC/DC |
| Temp. Regulation | | | |
| Thermostat/PTC/NTC | Yes | Yes | Yes |

* Other base materials are available such as Pen, Polyimide, Mica



Cabinet heaters

>> Product significant

- Space saver
- Optimized heat distribution
- High/ Low wattage
- Custom design
- Cost efficient
- High durability