

Description :

Uses of aluminium heating mats are multiple as they can suit any application requiring surface heating up to +110°C (+230°F), for example :

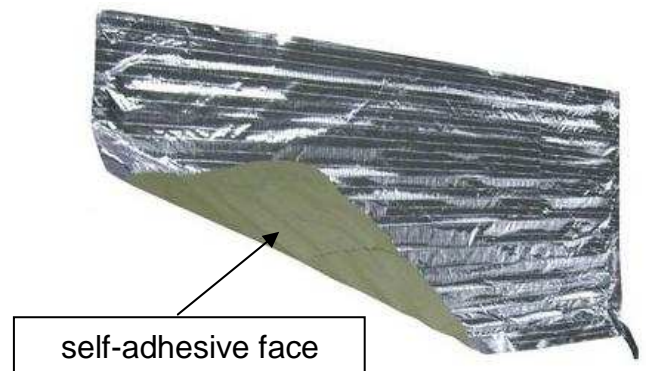
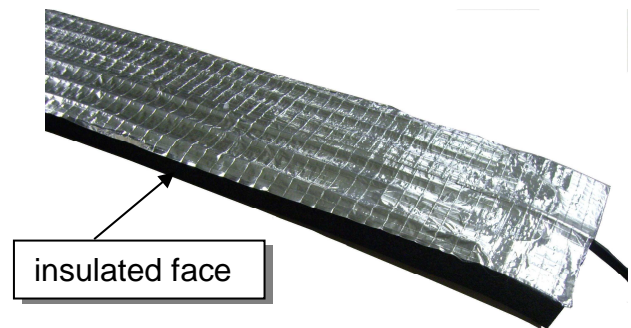
- food industry
- pharmaceuticals
- cosmetics
- polymerization of composite resins
- car industry
- chemistry
- cell phone antennas
- etc...

Advantages :

3a heating wire flexibility as well as cutting up, shaping and thinness of the aluminium mat allow to suit with any solid contour to be warmed.

Technical characteristics:


- Tailor made mat (dimensions, voltage and output)
- Heating wire insulation: high temperature thermoplastic elastomere
- Max. temperature maintenance without 19mm rubber foam: +110 °C / +230°F
- Max. temperature maintenance with 19mm rubber foam: +85°C / +185°F
- Voltage : up to 500 V
- Max. square output: 2000 W /m²
- Min. dimension: 150mm
- Max. dimension: 2000mm



Options:

- Self-adhesive face
- Insulated face with 19mm rubber foam

Identification

Company		Country	
Contact		Employment	
e-mail			

Data

1- Working documents: Picture Drawing

2- Applications: Sheltered Outdoors

Freeze protection

Condensation protection

Minimum atmosphere temperature °C or °F

Maintenance temperature °C or °F

Heating up temperature °C or °F

Temperature rise duration h

Mass of contents to heat up kg

Specific heat capacity J/kg.K

Mass of container to heat up kg

Specific heat capacity J/kg.K

Plastic

Metal

3- Voltage: 230 V other V

4- Optional aluminium mat characteristics:

Self-adhesive face

Insulated face with 19mm rubber foam

Earth lead (with metal eyelet)

Built-in heat protector °C or °F

Main supply cable length m

5- Quantity: Prototype piece(s)

Pre-production pieces

Mass-production pieces