

## 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 :

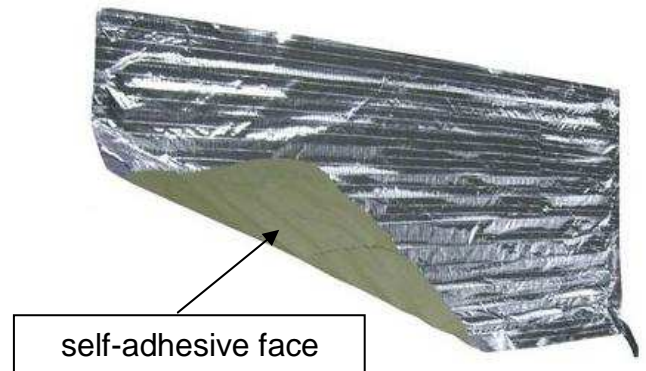
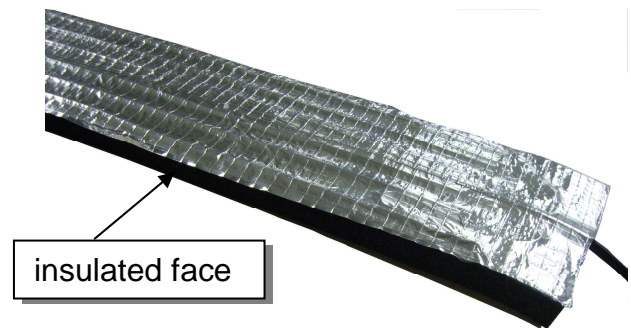
- food industry
- pharmaceuticals
- cosmetics
- polymerization of composite resins
- car industry
- chemistry
- cell phone antennas
- etc...

## 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 /m<sup>2</sup>
- 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