

## Custom design heating jackets

### Description:

Flexible heating jacket is made of an insulated aluminium heating mat inserted into 2 watertight coated fabrics:

- Red coated fabric: heating side,
- Blue coated fabric: insulated side.

Heating jacket is fitted with earth lead H07RNF cable (class I); it is watertight, washable and can be used as well outdoors (PI 54) as in food or cosmetics industries (stainless eyelets).

### Applications:

- **Freeze protection:** pumps, bulks, tanks,
- **Snow protection:** sand, gravel, cement,
- **Heating up and temperature maintenance:** fluidification of fat, pasty, viscous, gluey materials such as soda, grease, paint, varnish, mastic, chocolate, toffee, chemicals, cosmetics and so on...
- **Drying and polymerization:** resins, glues, composites, concrete,
- **Condensation protection:** electric engines, transformers, hoop-iron rolls, power station rotors and so on...

### Technical characteristics:

- Max. voltage : 500V
- Max. load : 750W/m<sup>2</sup>
- Min. dimensions : 400mm
- Max. dimensions : 5.000mm
- Max. temperature maintenance : +10°C / +70 °C (+50°F / +158°F)

### Examples of applications:

Chocolate valve



Toffee container



Cosmetics hopper



Oil tank



Resin drum



Huge industrial pipe



Rolling mill cylinders



Resin for concrete



IR missile butt




Condensation protection



DOC0543B

## 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 heating jacket characteristics:**

Without thermostat

With adjustable +10°C / +70°C thermostat

Fastening with Velcro®

Fastening with eyelets and sandows

Temperature sensor sheath

Built-in heat protector                            °C or °F

Main supply cable length                            m

5- **Quantities:**                       Prototype                            piece(s)

Pre-production                            pieces

Mass-production                            pieces