

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 ² |
| - Min. dimensions : | 420mm |
| - Max. dimensions : | 5.000mm |
| - Max. temperature maintenance : | +10°C / +70 °C (+50°F / +158°F) |

Examples of applications:

Chocolate valve



Toffee container



Cosmetics hopper or chocolate



Oil tank



Resin drum 200 litres



Huge industrial pipe



Rolling mill cylinders



Resin for concrete



IR missile butt



Antenna



DOC0543C

Heating jacket quotation inquiry

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

☐ Flash point °C or °F

☐ 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