

Handmade for quality



Glas fibre insulated heating mats series KM-HPG-250S

for operating temperatures up to 250°C

Description:

The heating mats which are manufactured in handwork, are flexible, ready for connection and distribute heat very evenly, manufactured specifically for the customer in all geometric shapes.

The flexible heater part comprising a PTFE-insulated heating element is attached to a support made of glass fibre.

Outer sheath made of glass silk with a PTFE, PUR, silicone or aluminium coating.

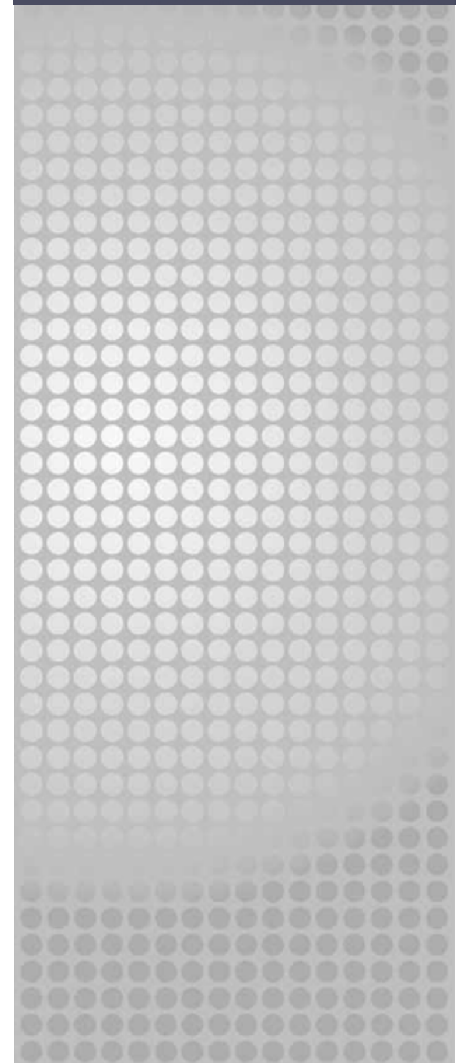
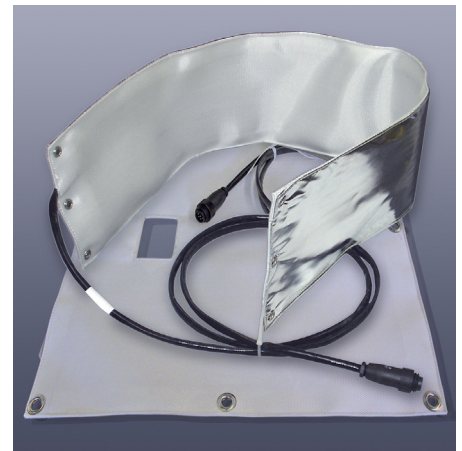
Mounting and sensor types as agreed.

Features:

- easy assembly and disassembly
- wide range of geometric shapes possible
- Cut-outs can be catered for
- fixed build-in temperature sensor
- available with thermal insulation
- splash-proof

Applications:

These heating mats are used to heat up and maintain the temperature of liquid or gaseous materials in containers, tanks, tops of silos, transport containers, etc.



Technical specification

KM-HPG-250S

nominal voltage	230 V AC
nominal power	process-dependent
outer sheath	glass yarn, temperature-dependent with PTFE-, PUR-, silicon- or aluminium coating
inner sheath	glass yarn, temperature-dependent with PTFE- or silicon coating
heating element	PTFE-insulated resistor element
mounting type	hooks and springs, eyelets, velcro fastener
protection class	I
system of protection	IP 64
temperature sensor (fix build-in)	Pt100 or thermocouple - specifications by customer
max. heating element temperature	250°C
power supply cable	specifications by customer

We also manufacture heating mats for operating temperature up to 450°C or 900°C

Accessories

For temperature regulation we supply a full range of controllers and temperature regulators appliances and corresponding with our temperature sensors.



Electronical temperature regulator analog series KM-EC200



Electronical temperature regulator digital series KM-EC1000



Electronical temperature regulator digital series KM-RD1000



Electr. regulator / limiter combination series KM-RD3000