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**CF-150.40E**

## Heating Blanket 0-90°C with insulation

Kuhlmanns industrial heating blankets are the optimal product when it comes to safely and effectively, having to heat elements to a specific temperature.

Industrial heating blankets makes it easy to heat up material including composite, carbon, epoxy prepreg and ensure a safe and uniform temperature distribution on the surface of the material. The blanket therefore acts as a perfect heatspreader on the desired material.

Industrial heating blankets are used in many industries, including repair of wind turbine blades, repair and production of both the marine industry and the aerospace industry.

This blanket is designed in durable but highly flexible and light material with the ability of heating to a maximum temperature of 90°C. This blanket has a 7mm insulation that both ensures to retain heat, but simultaneously also makes the blanket resistant both indoor and outdoor, ensuring a longer lifetime.



Industrial heating blankets are produced either with a controllable thermostat box or with a bimetal fixed temperature controller. The carpet may advantageously be put together to create a larger area to achieve the same smooth and steady temperatures.

**NEW** Now we also offer our heating blankets with a Kuhlmann Digital Temperature Controller - a durable, compact and very easy to use temperature controller for precise temperature adjustment. See specifications below for more detail.

Our heating blankets are available in many standard sizes with different output, which can be seen in the following specification. If a custom size and / or output is wanted, we are of course also able to deliver this. Contact us for more details as well as for delivery.



## Specifications:

- Optimal curing of the composite materials, carbon, and epoxy prepreg.
- Available with bimetal for fixed temperature, or with adjustable Jumo thermostat (0-90°C).
- The blankets can be put together to cover larger surfaces.
- 7mm. insulation for minimal heat loss.
- 1 meter power cord (no plug).
- Straps for fixed installation (optional).
- Many sizes in stock.
- Special sizes produced upon request.

## Specifications for the digital temperature controller:

- Digital temperature display that shows both the current and desired temperature.
- PID Controller for ultra precise temperature adjustment.
- Easy to use operating buttons.
- Timer function
- Advanced temperature setting with temperature increase in percent (OPTION).
- An additional temperature sensor can be added to display alternate temperature e.g. outside temperature (OPTION).

## Ideal for:

- Curing composite materials.
- Curing carbon.
- Curing epoxy prepreg.
- Curing processes in aerospace industry.
- Curing processes in marine industry.
- Wind turbine rotor blade repair.
- Wind turbine rotor blade production.



Dimensions	Temperature Control	Volts	watts
600 x 600mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	230V	220W
700 x 700 x 1000mm. (triangular)			200W
1000 x 290mm.			200W
1000 x 500mm.			250W
1000 x 1000mm.			420W
1200 x 800mm.			450W
1300 x 1300mm.			450W
1500 x 300mm.			200W
2000 x 500mm.			550W
2000 x 1000mm.			1200W
3000 x 400mm.			300W
3000 x 500mm.			700W
3800 x 290mm.			400W