

# Perfectly controlled curing - everytime

The use of heating blankets are often related to the knowledge of how the material of the blade reacts in different environments as well as the construction and design of the blade.

LUND & SØRENSEN A/S has during many years worked closely together with some of the most professional and skilled composite engineers in this field. It has given us a lot of experience of where the heating blankets are used during the curing process.

Each application is different, and therefore LUND & SØRENSEN A/S can offer a customized heating blanket which exactly fits the customer application. In cooperation with

our customers, we are able to calculate the power density of the heating blankets. As a result, the curing process ends up with a perfect Tg value (glass temperature), each time.



All our heating blankets can be delivered with or without built-in limiters to protect the heating blankets against overheat, as well as an adjustable thermostat to control the temperature of the blankets.

If you want to use our heating blankets with the new intelligent control system, PHBC-6 mentioned on page 5 and 6, you do not need a thermostat, because the heating blankets have built-in Pt100 sensors beneath the silicone path, to scan the temperature and use it in the control system.

After finished curing, a full report can be generated.

# We cover it all...

**LUND & SØRENSEN A/S heating blankets for heating the edges of wind turbine blades.**

Due to low weight and flexibility, heating blankets are the obvious choice for on-site repair use. All our heating blankets can be customized. Once the leading and trailing edge have been cured, ground, and polished, any procedures required can be carried out without any risk of grinding non-cured material and thus releasing hazardous substances into the atmosphere.



Silver grey non stick silicone impregnated fabric, on heating side

Built-in safety limiters

10 mtr. power- and sensor cable

## Can be customized to fit your request!

May also be manufactured for use elsewhere on the blade.

The blankets may also be designed for use on **various parts** of the blade. For repair use **on-site**, they are just great due to low weight and flexibility.

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