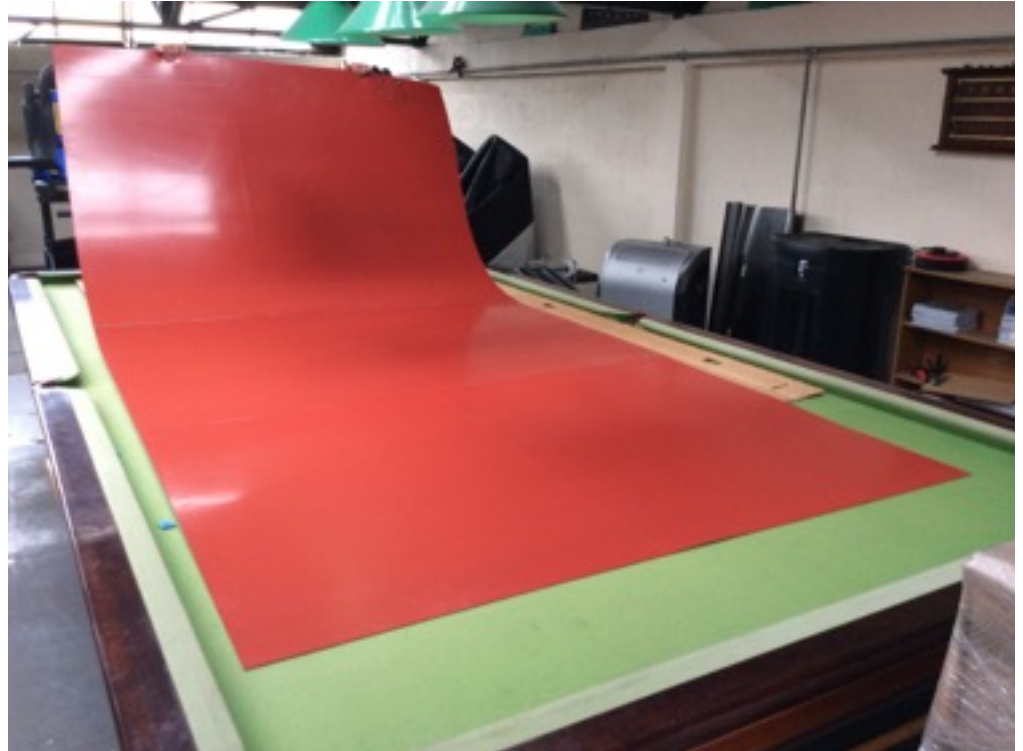


### Data Sheet

**PowerBlanket** - All the power you need is inside this silicon heating blanket!

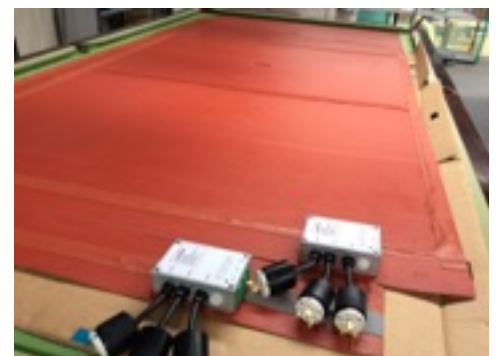
- Entire surface heats up at the same time.
- Up to 220°C intermittent
- Heat up rates 0-30°C/min
- Heat Mapping available
- Plug and Use solutions
- Smooth bottom layer for contact with the material under cure
- Fiberglass reinforced Silicone Rubber, with or without UL qualifications
- Specific design on demand
- Cut out features available



LaminaHeat **PowerBlanket** Heaters are used in the composite industry to bond and cure composite structures using state of the art processing technologies like vacuum bagging techniques, upgrading cold presses to heated presses or heating metal moulds for a variety of processing industries.

LH **PowerBlanket** provide an even heat distribution to produce the best possible cure or bond. Temperature uniformity is optimized for even heating through the use of the unique LaminaHeat Technology which is encapsulated in between the silicone rubber matrix. This technique guarantees a temperature uniformity across the heater blanket.

The lead wires exit the heater through an unheated area and can be supplied with plug and socket connectors at the customers request.



**Data Sheet**

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**Data Sheet**

March 2015

Properties of PowerBlanket

**Dimensional properties (Standard)**

Total length	mm	1,370	2,540	3,150
Heating length	mm	1,220	2,440	3,050
Total width	mm	1,320	1,370	1,370
Heating width	mm	1,220	1,220	1,220
Qty of heating zones		2	3	4

**Encapsulating matrix (Standard)**

	Temperature max.	
Silicone / Fiber Glass	232°C	450°F
Silicone	232°C	450°F

**Electrical properties**

Heating Uniformity	+/- 5%
Range of use	0-400 VAC
Power Density	2 to 8 KW/m <sup>2</sup>

For more information:

email: [info@laminaheat.com](mailto:info@laminaheat.com)

website: [www.laminaheat.com](http://www.laminaheat.com)

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