

Industrial Heating Blankets

Details

<https://www.merlin-industrial.co.uk/workshop/industrial-tools/1258-industrial-heating-blankets>

Industrial Heating blankets are used in many industries, industrial heating blankets are perfect for ground thawing, curing of materials like composite, repairing of wind rotor blades, and production in both the marine and the aerospace industry.



Heating Blankets 0-120°C with insulation

High temperature industrial heating blankets are the optimal product when it comes to safely and effectively, having to heat elements to a specific temperature for up to 120°C.

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 heat spreader 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 120°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 high temperature blankets are produced with an adjustable temperature controller (Controllers Available).

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.

Available from Merlin Industrial Products - 01752 690622 - sales@mipl.uk



Specifications:

- Silicone impregnated cloth
- Fibreglass insulation
- 6mm insulation for minimal heat loss.
- Teflon Heating Wire
- Grounded Heating system
- Safety Thermostat
- Available with adjustable Digital temperature controllers , Temp Sensor or bi-metal limiter.
- 3M power Cable (no plug)
- Optimal curing of the composite materials, carbon, and epoxy prepreg.
- The blankets can be put together to cover a larger surface.
- Straps for fixed installation (optional).
- Many sizes in stock.
- Special sizes produced upon request.

Standard sizes:

Size	Temperature control	Volt	Watt
600 x 600mm.	Adjustable (0-120°C)	230V	420W
700 x 700 x 1000mm. (triangular)	Adjustable (0-120°C)	230V	200W
1000 x 500mm.	Adjustable (0-120°C)	230V	630W
1000 x 1000mm.	Adjustable (0-120°C)	230V	1220W
1200 x 800mm.	Adjustable (0-120°C)	230V	930W
1300 x 1300mm.	Adjustable (0-120°C)	230V	450W
2000 x 500mm.	Adjustable (0-120°C)	230V	1130W

2000 x 1000mm.	Adjustable (0-120°C)	230V	1800W
3000 x 500mm.	Adjustable (0-120°C)	230V	1520W

Size	Temperature control	Volt	Watt
600 x 600mm.	Adjustable (0-120°C)	110V	220W
1000 x 500mm.	Adjustable (0-120°C)	110V	250W
1000 x 1000mm.	Adjustable (0-120°C)	110V	420W
1300 x 1300mm.	Adjustable (0-120°C)	110V	450W
2000 x 500mm.	Adjustable (0-120°C)	110V	550W
2000 x 1000mm.	Adjustable (0-120°C)	110V	1200W
3000 x 500mm.	Adjustable (0-120°C)	110V	700W

Ground thawing blankets



Ground Thawing Blankets are designed for thawing up ground surfaces and can be used for a variety of purposes.

In winter and cold conditions, entrepreneurs and construction workers who need to thaw frozen ground or surfaces use our electrical ground thawing blankets. The blankets are top-insulated and will only radiate heat in a downwards direction. Designed in durable waterproof and weatherproof materials, our thawing blankets are built to last and can withstand just about any condition.

With the ground thaw heating blanket you can easily thaw frozen ground and soil, frozen pipes, melt ice and snow, thaw frozen pipes, and use the blankets as freeze protection for pipelines and other equipment that are in risk of freezing.

Use the blankets for curing purposes as they also work as curing blankets for e.g. curing bridge decks, curing newly laid brick or block walls, precast, masonry walls, concrete, decorative concrete and much more.

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Our thawing mats are lightweight and comes in 2 sizes: 3.0 x 1.0 meters and 6.0 x 0.8 meters. Both comes with either a 2 meter Schuko power cable or a 2 meter industrial connector. Both blankets has a built-in bi-metal thermostat with a automatic 70°C temperature.

Installation is very easy and when the job is done, so is the repacking. Simply roll out the mat on the surface where you want to work. Plug in the electrical cord and you are on the way to a safely thawed surface. When the surface is frost-free unplug the cord and roll up the blanket.

Technical specifications:

Durable PVC materials.

Fixed temperature (70°C).

2-meter power cable.

Special sizes produced upon request.

IP67 Class.

In normal conditions the mat thaws up to 30 cm of soil in 24 hours - or up to 60 cm in more sandy soil/ground.

Item #	Size	Rating	Connection
17-2186	3.0 x 1.0 meter	230V - 1050W	Schuko
17-2186A	3.0 x 1.0 meter	230V - 1050W	Industrial
17-2205	6.0 x 0.8 meter	230V - 1400W	Schuko
17-2205A	6.0 x 0.8 meter	230V - 1400W	Industrial

Heating Blankets 0-90°C with insulation



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

Electric 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 heat spreader on the desired material.

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

This mat 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 bi-metal fixed temperature controller. The carpet may advantageously be put together to create a larger area to achieve the same smooth and steady temperatures.

Specifications:

Nylon Material

Polyester insulation

8mm insulation for minimal heat loss.

Teflon Heating Wire

Grounded Heating system

Safety Thermostat

Available with adjustable Digital temperature controllers , Temp Sensor or bi-metal limiter.

3M power Cable (no plug)

Optimal curing of the composite materials, carbon, and epoxy prepreg.

The blankets can be put together to cover a larger surface.

Straps for fixed installation (optional).

Many sizes in stock.

Special sizes produced upon request.

Standard sizes:

Size	Temperature control	Volt	Watt
600 x 600mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	230V	220W
700 x 700 x 1000mm. (triangular)	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	230V	200W

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

Size	Temperature control	Volt	Watt
600 x 600mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	110V	220W
1000 x 500mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	110V	250W

1000 x 1000mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	110V	420W
1300 x 1300mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	110V	450W
2000 x 500mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	110V	550W
2000 x 1000mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	110V	1200W
3000 x 500mm.	Fixed (60-70°C) Fixed (70-80°C) Adjustable (0-90°C)	110V	700W

Heating Blankets 0-120°C without insulation



Uninsulated industrial heating blankets are the optimal product when it comes to safely and effectively, having to heat elements to a specific temperature for up to 120°C.

The uninsulated Industrial heating blankets makes it easy to heat up many materials 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 heat spreader 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.

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This blanket is designed in durable but flexible and light material with the ability of heating to a maximum temperature of 120°C. This blanket is without insulation which results in perfect contact and even heat spreading to the material.

Industrial heating high temperature blankets are produced with a controllable Jumo thermostat box.

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 adjustable Jumo thermostat (0-120°C).

1 meter power cord (no plug).

Straps for fixed installation (optional).

Many sizes in stock.

Special sizes produced upon request.

Size	Temperature	Volt	Watt
1000 x 590mm.	Adjustable (0-120°C)	220V	1700W
2000 x 430mm.	Adjustable (0-120°C)	220V	2500W
1000 x 590mm.	Adjustable (0-120°C)	110V	1700W