

► DESCRIPTION

Heating blanket is a heating element, used for local heating of repair or polymerization area. Heating blankets can be of rectangular or oval shape, reinforced with glass fiber for pot life prolongation, or non-reinforced ones for usage on the single curvature surface.

All standard heating blankets are made of high temperature silicone rubber Mosite with maximum working temperature 260°C.

- Usage of high temperature rubber
- Monophase heating blankets 220V and 3-phase 380V
- Reinforced and elastic
- Rectangular and oval
- Heating blanket thickness: 1,44mm
- Cable length: 500 mm (20 inches)
- Supplied with integrated connectors, which match with plugs of all modifications of «ANITA» bonding console.



The product is used in different processes of manufacturing and repair of parts from polymer composite materials.

► OVERVIEW

Standard = Flexible

They constitute the basic tools for composite repair as they are flexible and resistant to external aggressions. They are made with silicone reinforced with glass fibre.

In our range:

- Blankets **rectangular** or **circular** or ovals
- **120** or **230** Volts monophase
- High DC voltage
- 1 or 2 zones design or more
- **small** or **very large** dimensions

Can be ordered with a Thermal Uniformity certificate.



Conformable or Stretchable

Stretchable in one privileged dimension.
To be used for areas with double curvature.



Blankets for flight line applications

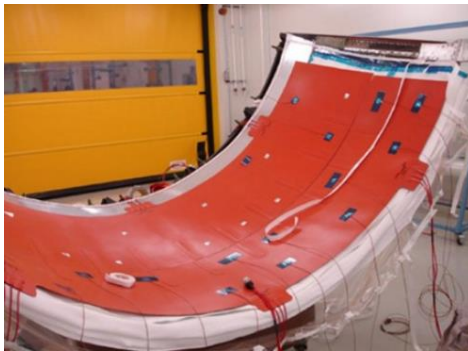
They are more rigid than the flexible ones used in workshop, however still applicable easily on curved surfaces.

Radome Blankets Shaped.

Several models available according to aircraft.



Very large blankets powered through boosters.
Specific Applications for Reversers and Air inlets



Autonomous blankets that function with specific autonomous controllers for simple jobs: interiors, heating of moulds for lay up operations.

► STANDARD RECTANGULAR HEATING BLANKETS

Made with silicone reinforced with glass fibre 1 or 2 zones. All blankets are mounted with a circular connector compatible with bonder Anita Cables.

Reference for order	Size in mm	Note
GMIHB015015-1Z-2	150 X 150	1 electrical zone
GMIHB020020-1Z-2	200 X 200	1 electrical zone
GMIHB020030-1Z-2	200 X 300	1 electrical zone
GMIHB020040-1Z-2	200 X 400	1 electrical zone
GMIHB025025-1Z-2	250 X 250	1 electrical zone
GMIHB025040-1Z-2	250 X 400	1 electrical zone
GMIHB025050-1Z-2	250 X 500	1 electrical zone
GMIHB030030-1Z-2	300 X 300	1 electrical zone
GMIHB030050-1Z-2	300 X 500	1 electrical zone
GMIHB030060-1Z-2	300 X 600	1 electrical zone



TECHNICAL DATA SHEET

GMIHB Heating blankets by GMI-AERO

GMIHB030070-1Z-2	300 X 700	1 electrical zone
GMIHB040040-1Z-2	400 X 400	1 electrical zone
GMIHB040060-1Z-2	400 X 600	1 electrical zone
GMIHB040080-2Z-2	400 X 800	2 electrical zone
GMIHB050050-1Z-2	500 X 500	1 electrical zone
GMIHB050075-1Z-2	500 X 750	1 electrical zone
GMIHB050090-2Z-2	500 X 900	2 electrical zone
GMIHB060060-1Z-2	600 X 600	1 electrical zone
GMIHB060080-2Z-2	600 X 800	2 electrical zone
GMIHB070070-1Z-2	700 X 700	1 electrical zone
GMIHB070090-2Z-2	700 X 900	2 electrical zone

► STANDARD BLANKETS CIRCULAR

Reference for order	Size in mm	Note
GMIHB020-1Z-2	200	1 electrical zone
GMIHB025-1Z-2	250	1 electrical zone
GMIHB030-1Z-2	300	1 electrical zone
GMIHB035-1Z-2	350	1 electrical zone
GMIHB040-1Z-2	400	1 electrical zone
GMIHB045-1Z-2	450	1 electrical zone
GMIHB050-1Z-2	500	1 electrical zone
GMIHB055-1Z-2	550	1 electrical zone
GMIHB060-1Z-2	600	1 electrical zone
GMIHB070-1Z-2	700	1 electrical zone
GMIHB080-1Z-2	800	1 electrical zone
GMIHB090-1Z-2	900	1 electrical zone

It is possible to order oval blankets with other dimensions till **900 mm**.

► BLANKETS STRETCHABLE OR CONFORMABLE

Blankets with silicone non reinforced; stretchable and conformable.



TECHNICAL DATA SHEET

GMIHB Heating blankets by GMI-AERO

Reference for order	Size in mm	Note
GMIHBC015015-1Z-2	150 x 150	1 electrical zone
GMIHBC020020-1Z-2	200 x 200	1 electrical zone
GMIHBC025025-1Z-2	250 x 250	1 electrical zone
GMIHBC030030-1Z-2	300 x 300	1 electrical zone
GMIHBC035035-1Z-2	350 x 350	1 electrical zone
GMIHBC040040-1Z-2	400 x 400	1 electrical zone
GMIHBC020040-1Z-2	200 x 400	1 electrical zone
GMIHBC045045-1Z-2	450 x 450	1 electrical zone
GMIHBC050050-1Z-2	500 x 500	1 electrical zone
GMIHBC060060-1Z-2	600 x 600	1 electrical zone

Maximum dimensions in stretchable blankets: 60 cm X 60 cm

► BLANKETS FOR FLIGHT LINE OPERATIONS

These blankets despite ground mesh embedded remain still flexible. They must be used with the specific console for explosive atmosphere Anita EZH14 or LPH01.

Reference for order	Size in mm	Note
GMIHBH015015-1Z-2-T*	150 x 150	1 electrical zone
GMIHBH020020-1Z-2-T*	200 x 200	1 electrical zone
GMIHBH025025-1Z-2-T*	250 x 250	1 electrical zone
GMIHBH030030-1Z-2-T*	300 x 300	1 electrical zone
GMIHBH040040-1Z-2-T*	400 x 400	1 electrical zone
GMIHBH050050-1Z-2-T*	500 x 500	1 electrical zone
GMIHBH015050-1Z-2-T*	150 x 500	1 electrical zone

T* - optional thermostat mounted at 200°C.

► BLANKETS FOR OLDER MODEL OTHE04

These blankets despite ground mesh embedded remain still flexible.



TECHNICAL DATA SHEET

GMIHB Heating blankets by GMI-AERO

They must be used with the specific console for explosive atmosphere Anita OTHE04.

Reference for order	Size in mm	Note
GMIHBH015015-1Z-2-G	150 x 150	1 electrical zone
GMIHBH020020-1Z-2-G	200 x 200	1 electrical zone
GMIHBH025025-1Z-2-G	250 x 250	1 electrical zone
GMIHBH030030-1Z-2-G	300 x 300	1 electrical zone
GMIHBH040040-1Z-2-G	400 x 400	1 electrical zone
GMIHBH050050-1Z-2-G	500 x 500	1 electrical zone
GMIHBH015050-1Z-2-G	150 x 500	1 electrical zone

► HIGH TEMPERATURE BLANKETS FOR REPAIR UP TO 235 °C

Reference for order	Size in mm	Note
GMIHBT015015-1Z-2	150 x 150	1 electrical zone
GMIHBT020020-1Z-2	200 x 200	1 electrical zone
GMIHBT025025-1Z-2	250 x 250	1 electrical zone
GMIHBT030030-1Z-2	300 x 300	1 electrical zone
GMIHBT035035-1Z-2	350 x 350	1 electrical zone
GMIHBT040040-1Z-2	400 x 400	1 electrical zone
GMIHBT020040-1Z-2	200 x 400	1 electrical zone
GMIHBT045045-1Z-2	450 x 450	1 electrical zone
GMIHBT050050-1Z-2	500 x 500	1 electrical zone

► NOTE

Warranty period: 12 months

Storage conditions: it is recommended to store at temperature from +10°C until +30°C in the original packing.

Standard heating blankets have one heating zone. Identification „-1Z“. Possible design with 2 zones = „-2Z“ or three zones „-3Z“.

Last part of article „-2“ means, that power potential of heating blanket is 230V. Possible variants 120V = „-1“ or 380V = „-3“.

Please contact us to order heating blankets with sophisticated forms and sizes.