



**MODULAR
HEATING
BLANKET
FOR
INDOOR
AND
OUTDOOR
PIPES**

MODULAR HEATING BLANKET FOR INDOOR AND OUTDOOR PIPES



APPLICATION AREA

Modular heating blankets for pipes are ideal for operation both for indoor and outdoor spaces. If several heating blankets are coupled between them, all connected to a single power source, it is possible to obtain a maximum length of 60 m (2362.2 in) of heated pipe. The blankets are made of self-extinguishing materials and are designed to heat the pipes, preventing them from freezing. The heating blankets are available in 3 standard dimensions, see the table.

NO HARMFUL ELECTROMAGNETIC EMISSIONS

OPERATIONAL FEATURES

The application of the heating blanket must be made carefully, taking into account that the red part of the blanket, which corresponds to the heating area, should perfectly adhere to the pipe. The blanket can be fixed by overlapping the blue part and Velcro strap in zig-zag shape over the pipe. The connection between heating blankets and power cable is made by aim of IP68 connectors. Each heating blanket is equipped with safety thermostat of 13°C.

CARBON FIBER

Carbon fiber is flexible, does not oxidize, does not produce harmful electromagnetic fields during electricity flow, has no dimensional variations as the temperature changes nor deterioration of ohmic values. No wearing and no maintenance required. Its high resistivity permits significant energy savings.



EXTERIOR SIDE VIEW OF THE HEATING BLANKET WITH VELCRO STRAP IN ZIG-ZAG SHAPE IN EVIDENCE



HEATING BLANKET INSIDE VIEW WITH RED-WHITE-BLUE AREAS IN EVIDENCE AND IP68 CONNECTOR

STANDARD MODULES AND EXTENSION CORD DIMENSIONS

CODE	DESCRIPTION	LENGTH (cm/in)	WIDTH (cm/in)	POWER
TIM_T.A.T00	Heating blanket	210/82.68	30/11.81	100 W
TIM_T.B.T00	Heating blanket	360/141.73	30/11.81	110 W
TIM_T.C.T00	Heating blanket	500/200.79	30/11.81	155 W
TIM_T.PL06	Extension cord	600/236.22		



OUTSIDE AND INSIDE VIEW OF TWO HEATING BLANKETS FOR REVEALING OF THE DIFFERENT FUNCTIONS OF ITS COLORS

STRATIFICATION

Stratification starting with outside layer:

- Blue polyester tissue flame retardant with Velcro strap in zig-zag shape.
- Interior side of white colour, made of fireproof felt with reflective aluminium layer.
- Interior side red colour with carbon fiber resistors inserted between two layers of aramid tissue wrapped by copper mesh coated by PVC and RTV silicone treatment.

TEMPERATURE CONTROL

The heating blanket is controlled by a thermostat, maintaining it's constantly at the temperature of 13°C.

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	CABLES AND CONNECTORS (cm/in)	DIMENSIONI
TIM_T	230 Vac 50/60 Hz	from 100 W to 155 W	IP68	Thermostat of 13°C	IP68 female connector Power cord 600/236.22 with IP68 connector and 16A plug	Modular (see the table)

CONFORMITY



This product is manufactured in conformity with the electrical safety standards set by Low Voltage Directive 2014/35/EU. This product is in conformity with Electromagnetic Compatibility Directive 2014/30/EU, concerning the standards for electromagnetic emissions.

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