



**HEATING BLANKET  
FOR "FLUID-BAG"  
CONTAINERS**

# HEATING BLANKET FOR "FLUID-BAG" CONTAINERS



## APPLICATION AREA

Heating blanket with electronic control is designed to maintain the necessary temperature of the "fluid-bag" containers, in case if the content, represented by liquid and/or viscous chemicals or aliments, must be heated or the temperature maintained. The heater is made of materials suitable for use in particularly sensitive environments. The power is sized in order not to overheat the container and obtain a radiant heating due to infrared waves generated by carbon fiber.

## NO HARMFUL ELECTROMAGNETIC EMISSIONS

## OPERATIONAL FEATURES

The heating blanket is composed of 3 distinct components (see the table) made of fireproof and/or self-extinguishing materials. The heaters are fixed on the container using Velcro straps closure. Very practical and easy to handle, the blankets are equipped with 3 safety thermostats of 60°C (one for each section of the heating blanket) and electronic controller for temperature control through the NTC 10K probe.

## 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.

## TEMPERATURE CONTROL

The system is equipped with 3 safety thermostats of 60°C. Temperature control is managed by aim of an electronic control unit, equipped with NTC10K probe.



"FLUID BAG" CONTAINER



HEATING BLANKET MOUNTED ON THE "FLUID-BAG" CONTAINER

## HEATING BLANKET COMPONENTS

DESCRIPTION	DIMENSIONE (cm/in)	CONNECTIONS	THERMOSTATS	POWER
Body	380/149.61x80/31.50	Cable H07/Plug	Thermost. 60°C	1950 W
Bottom 1	125/49.21x30/11.81	Click connectors	Thermost. 60°C	110 W
Bottom 2	125/49.21x30/11.81	Click connectors	Thermost. 60°C	880 W

## STRATIFICATION

Stratification starting with outside layer:

- White PVC tissue, II class.
- Insulation layer made of polyester.
- Carbon Fiber resistors between 2 layers of cotton tissue treated with RTV silicone.

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	CABLE (cm/in)	DIMENSIONS (cm/in)
TL_FLUID_BAG	230 Vac 50/60 Hz	2170 W	IP67	Thermostats of 60°C Electronic controller with NTC10K probe	Power cable H07 Length 200/78.74 with industrial plug	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.