



**HEATING  
BLANKET FOR  
ALIMENTARY  
OIL PALLETS**

# HEATING BLANKET FOR ALIMENTARY OIL PALLETS



## APPLICATION AREA

The heating blanket is designed to maintain the ideal temperature of the pallets containing alimentary oils. Oil solidification due to low temperature conditions during its transportation, prevents its drainage and can cause its shelf life diminuation. Thermal Technology heating blanket application permits to avoid this problem, maintaining the right temperature of the cargo.

## NO HARMFUL ELECTROMAGNETIC EMISSIONS

## OPERATIONAL FEATURES

Blanket fixing by aim of Velcro straps closure is made on the already palletized load. Each of the four blanket sides temperature is controlled independently. The heater is also equipped with top and bottom parts. Thermal blanket top side can be disconnected using the On/Off switch located on the power cable. The blanket top part is pierced along the perimeter in order to prevent the possible formation of condense and overheating.

## 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.



VELCRO STRAPS CLOSURE



TOP SIDE WITH POCKET AND PERIMETRAL PIERCEING FOR CONDENSE ELIMINATION

## STRATIFICATION

Stratification starting with outside layer:

- Fixing by means of Velcro straps closure.
- Outside tissue in Teflon coated polyester.
- Insulation layer of 180 g wedding with aluminum reflective sheet.
- Ultra flexible metallic grid for earthing.
- Fiberglass tissue with reflecting aluminum sheet.
- Carbon fiber resistors.

## TEMPERATURE CONTROL

Each heater side is equipped with two thermostats, placed on the top and bottom of the side, maintaining a constant temperature of 70°C.

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	CABLE cm/in	DIMENSIONS
TI_PAL	110/120 Vac 60 Hz 230 Vac 50/60 Hz	180 W/m <sup>2</sup>	IP54	Thermostat of 70°C	Power supply cable H07 3X1 Length 600/236.22 On/off switch on top	On demand

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.