




**THERMAL
TECHNOLOGY**
CARBON FIBER HEATING

**SNOW-MELTING
SHEET IN PVC**

SNOW-MELTING SHEET IN PVC



APPLICATION AREA

In the occasion of unpredicted and abundant snowfalls the PVC covers, for example pressostatic balls, tent structures, gazebos etc. can be subject to hazardous overcharges due to the weight of the snow which can lead to the collapse of the structure. The snow-melting cloth heats the entire surface of the roof, melting both snow and ice.

NO HARMFUL ELECTROMAGNETIC EMISSIONS

FUNCTIONAL CHARACTERISTIC

Reinforced carbon fibre resistors interposed in a PVC cloth and adhesive tissue. Fast and easy application using perimetral rings for the hanging of the turnbuckles. It must be turned on in case of snow fall or even if the snow has already fallen.

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.



SNOW-MELTING SHEET IN PVC



PVC COVER COLLAPSED UNDER THE SNOW WEIGHT

DIMENSIONS

The snow-melting sheet in PVC is manufactured on demand.

STRATIFICATION

Stratification starting with outside layer:

- PVC cloth.
- Reinforced carbon fibre resistors.
- Adhesive cloth with coordinated seam.
- 10 mm diam. rings on the perimetre with a pace of 30 to 50 cm.

TEMPERATURE CONTROL

Thermostat at 40 °C.

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	CABLES AND CONNECTORS	DIMENSIONS
HTR_PVC	230 Vac 50/60 Hz	160W/m ²	IP67	Thermostat at 40°C	Heating cable HO7RNF supplied in the requested length	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.

Thermal Technology powered by Carbon Fiber Heating SRL - 417075, Borş, Parc Industrial Borş, Nr. 1C, jud. Bihor, Romania
Phone: + 39 0423 858589 - www.thermaltt.com - info@thermaltt.com