

CARBON FIBER ELECTRO HEATING TISSUE

THE INNOVATIVE SOLUTION TO HEAT CUSHIONS AND FLEXIBLE SURFACES

The Carbon Fiber Electro Heating Tissue (CFEH Tissue) is formed by a special system where the heating fiber are not in copper or metallic wires but formed by carbon filaments installed in an Aramidic tissue.

This technology is today used for various industrial, civil, sport application as Formula One and MotoGP.

The tissue come with standard dimensions of 45x50cm for standard application as per automotive, but it can be produced by different shape and dimensions based on project design given from commitment.

The system can be also thermo regulated by the use of simple temperature sensors and easy thermostat or more complex control unit.

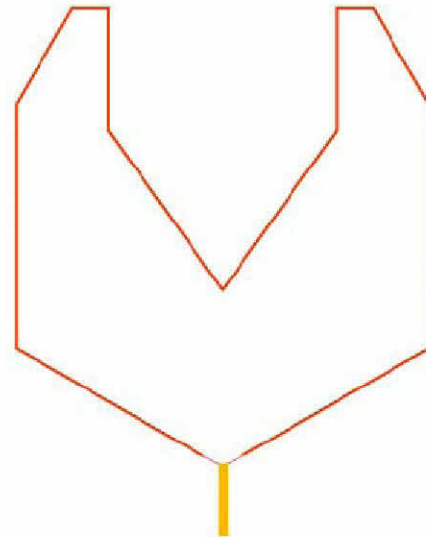
Technical Specification

- Tissue Material: Aramidic
- Resistive elements: Carbon Fiber
- Power supply 24V ac/dc
- Power 25 Watt for standard element 45x50 cm
- Power 55 Watt/sqm on project
- Power cord covered with silicone
- Thickness about 2 mm (6 mm near the cable)
- CE certified
- Complies with EMC electromagnetic emissions
- Customizable upon request (size and power)

Installation

CFEH tissue can be used to line cushions and seat backs in order to heat and / or dehumidify. Install beneath the pillow fabric finishing, preferably installed in a thermo-conductive material to heat evenly on the surface.

With a temperature sensor installed inside the fiber (optional) the heat can be controlled to set the desired temperature.



The red color indicate the carbon fiber inside the tissue
The yellow color indicate the power cord



Image of the CFEH tissue

Carbon Fiber benefit

- very low electromagnetic emission;
- carbon fiber has an high thermal conductivity, it means high efficiency and low consumption;
- carbon fiber has no thermal expansions, it has the same efficiency in any temperature conditions,
- it does not oxide, it is flexible, it is recyclable;
- simplicity of installation;
- the system is very economically convenient if compared at the standard system proposed from the market

[Details on www.cappato.net](http://www.cappato.net)



Kto Supply Sas

Via XX settembre 20/52 – IT 16121 – Genoa
Ph. +39 010 565268 – Fax. +39 010 542831
info@cappato.net - www.cappato.net



The mark of conformity confirms that the equipment complies with European Economic Area (EEA Directives)