



**Composite materials  
for the marine sector**



***Production of innovative high-tech composite solutions***

**Fibertech Group** aims to meet all the needs related to composite materials, weaving fabrics and mastering the know-how in the Prepreg technology.



## OUR MARKETS

- AEROSPACE
- AUTOMOTIVE AND MOTORSPORT
- CONSTRUCTION
- INDUSTRIAL DESIGN
- MARINE
- SPORTS AND LEISURE

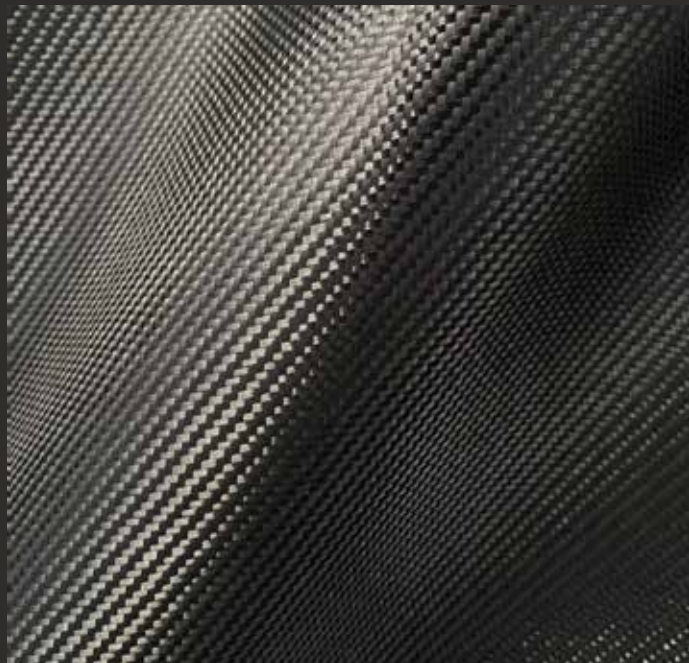


Pre-impregnated fabrics with epoxy resins formulated for vacuum bag and autoclave technology;



Textile and ancillary solutions for Hand Lay Up and / or Infusion technology

We can provide **crimp** and **non-crimp** fabrics.



A considerable advantage is being able to manage directly and internally all the different production phases: from weaving the fibers and formulating "**solvent free**" resins to impregnating the fabrics.

*The deeper knowledge of the Composite sector allows Fibertech Group to understand the needs of the customers providing technical support.*



## OUR PRODUCTS

Our **technician's** textile experience allows to develop new solutions, technically supporting in the developments.

Here the products offered:



**UD CARBON, ARAMID,  
GLASS AND BASALT  
FABRICS**



**MULTIAXIAL (NO CRIMP)**





 **CARBON FIBER FABRICS**

 **GLASS FIBER FABRICS**

 **NATURALIPREG**

 **RECYCLED CARBON FABRICS:  
PAGLIETTA, MAGMA  
AND CHOPREG**



## **NATURALIPREG**

In collaboration with Linificio e Canapificio Nazionale (Marzotto group) **Fibertech Group** develops textile and preimpregnated products **in natural fibers: flax and hemp.**



## **RECYCLED CARBON**

*A line of products based on recycled carbon fiber with non-woven fabrics to be used dry or impregnated in the lamination production processes.*

**PAGLIETTA:** For the hot melt impregnation of TNT, Fibertech takes into account the customer's moulding system in order to guarantee the best aesthetic results from the material.

**MAGMA VSV** and **MAGMA ETN** are two resins suitably formulated for the hot melt impregnation of recycled carbon fiber.

**CHOPREG:** is a chopped fiber prepreg that creates a unique aesthetic pattern thanks to a spatially random distribution of the reflecting fibers.

# OUR RESINS FOR THE MARINE SECTOR

## LOW TEMPERATURE EPOXY PREPREG

Resin Type	Application field	Application technology*	Temperature curing range**	Curing Time***	Maximum Tg Tan Delta peak by DMA****	Cosmetic application	Toughened
<b>HELT1</b>	Nautical , Industrial, Automotive, Sporting goods and Prototyping	Autoclave and vacuum bag	65 - 125°C	15h - 1h	115 - 125°C	Yes	Yes
<b>HELT2</b>	Nautical, Industrial, Automotive, Sporting goods and Prototyping	Autoclave and vacuum bag	65 - 125°C	15h - 1h	105 - 115°C	No	HIGH

## OUT OF AUTOCLAVE EPOXY PREPREG

Resin Type	Application field	Application technology*	Temperature curing range**	Curing Time***	Maximum Tg Tan Delta peak by DMA****	Cosmetic application	Toughened
<b>HEVT2</b>	VBO and high quality surface demand for nautical sector	Vacuum bag	80°C voids extraction phase 135°	2 - 4 (OR 12h) 1 h	105- 110°C	Yes	Yes
<b>HEMT8</b>	VBO and high quality surface demand	Vacuum bag and Autoclave	80°C voids extraction phase 135°	2 - 4 (OR 12h) 1 h	110 - 120°C	Yes	Yes

## EPOXY FILM

Resin Type	Application field	Application technology*	Temperature curing range**	Curing Time***	Maximum Tg Tan Delta peak by DMA****	Cosmetic application	Toughened
<b>HEPAD</b>	Adhesive film	Autoclave and vacuum bag	65 – 120 °C	16h – 1,5h	105 - 110°C	NO	Yes



info@fibertechgroup.it - www.fibertechgroup.it - Tel. 0331903434  
Via Oberdan, 334 - 21050 Marnate (VA) Italy