

GLASS CARBO &  
TECHNO FABRICS LLP



**GLASS CARBO &  
TECHNO FABRICS LLP**

## COMPANY PROFILE



**Automotive &** Road Transportation



**Aerospace** Solutions



**Building &** Civil Engineering



**Renewable** Energy



**Sports,** Leisure & Recreation

## QUALITY POLICY

We at Glass Carbo & Techno Fabrics LLP are committed to being very aggressive in our attitude towards quality and customer service, primarily since we need to be the “best” in our business to stay ahead of competition. For us, quality is not just another goal, it is our basic strategy for survival and future growth.

To provide the highest possible quality of products to our customers, we will –

- Consistently innovate and improve our quality systems to beat the delivery deadlines and exceed our customer's expectations.
- Offer the best quality products as per customer's needs and expectations.
- Make sustained efforts to improve our product quality, cost-effectiveness, and skills of our employees in order to further improve the customer satisfaction index.
- Fulfill our responsibility to the environment by reducing wastages.



## ABOUT US

Glass Carbo & Techno Fabrics LLP (GCTF) is a sister concern of M/s Geosys India Infrastructures Pvt. Ltd. – one of the market leaders in manufacturing & end usage of Technical Textile of high tenacity polyester yarn for infrastructure construction application.

GCTF is headed by people having vast experience in manufacturing of Technical fabrics of various types.

The core business of GCTF is manufacturing of high performance Technical fabrics from Carbon, Aramid & glass fibers for various applications.

GCTF has the most modern plant with the state of art machinery to manufacture above mentioned products under strict quality control.

Weaving capacity of 100 MT per annum with a capability to expand to 200 MT per annum ensures that GCTF honors the delivery commitments on time.

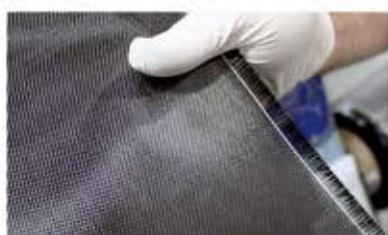
Experienced Technical Textile team in collaboration with European Consultants ensures International products quality and packaging standards.

GCTF also manufactures the highest quality composite woven fabrics from carbon Fiber and para amide in India. Other products include balanced, unidirectional & other customized fabrics in variety of widths, weight, styles & fiber combinations.

## OUR PRODUCTS

### CARBON FABRIC

Glass Carbo & Techno Fabrics LLP is manufacturing & supplying carbon fabrics & other functional high performance fabrics in India. The products include balanced, Uni-directional and other customized fabrics in a variety of widths, areal weights, styles and fiber combinations. Also we are capable to supply profile shape T, π, H or any other customized shape of seamless fabric.



### ARAMID FABRIC

Aramid fibers are a unit a category of extraordinarily resilient and heat-resistant artificial fibers. The fiber-forming substance may be a long-chain artificial organic compound | polymer} during which a minimum of eighty-fifth of the amide linkages are unit connected on to 2 aromatic rings. The fiber is made by spinning a solid fiber from a liquid chemical mix.



### GLASS FABRIC

Glass fabrics are the core strength comprising the inside structure of the fuselage in most aircraft today. Our E-glass and high strength S-glass fabrics for composites applications utilize a heavier construction with complex weave patterns to provide really high strength, high performance and lower cost fabric.



## GCTF Products Applications

### Automotive & Road Transportation

Automobile application Carbon fiber is a flexible fabric-like material that, when combined with a polymer, can be molded into the shape of a car part that is stronger than steel and lighter than aluminum. Carbon fiber makes more economic sense for electric cars, as it reduces load on expensive lithium ion batteries.

### Aerospace Sector

The superior strength to weight ratio of carbon fabric reinforced polymers has made the material a popular choice for aerospace applications, as engineers look to make more efficient- and lighter-aircraft structures.

### Building & Civil Engineering

The unique properties of carbon fabric make it an ideal material for construction industry. This has paved the way for carbon fabrics that are increasingly used in construction sector due to the benefits associated with them. It is a good substitute to steel filaments in fiber-concrete and is an excellent material for repair of distressed structures like bridges.

### Renewable Energy

The high specific stiffness of carbon fiber lends itself well to use in applications such as masts, hulls and propellers. The end result is better speed and fuel efficiency in end-products and increased cost-effectiveness in the marine manufacturing process.

### Sports, Leisure & Recreation

Carbon fibers are highly preferred for the manufacture of sports equipment like sports sticks and rackets, primarily due to their advanced properties such as light weight, high strength to weight ratio, improved resistance and stiffness.





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