

Technical Data Sheet  
TDS-793-01890

# GFT™

## Glass Fiber Tissue Mat



Building  
&  
Transportation



Oil, Gas  
&  
Industrial



Offshore  
&  
Onshore



Water  
&  
Wastewater



### PRODUCT DESCRIPTION

The CTech-LLC® GFT™ glass fiber tissue mat is a light weight fiber glass product is a light weight fiber glass product designed to be used as a surfacing tissue for GRP laminates.

Glass fiber surface tissue strengthen the resin-rich gel coat surface of glass fibre reinforced plastic components, creating a strong bond with the underlying laminate and enhancing surface appearance by masking the reinforcing fibre pattern. CTech-LLC® GFT™ surface tissue mat also isolate the substrate fibres from exposure to corrosion, abrasion and moisture, ultimately enhancing the quality and durability of the finished glass fiber reinforced composite system (GRP).

### ADVANTAGES

A very fine mat, gives a better finish on completed laminates when used on last layer.

Fast wet out. Compatible with most resins.

Non-corrosive

Easy to handle and to install

### PHYSICAL PROPERTIES

Fiber Property	C-Glass
Mesh size	1.0 mm x 1.5 mm
Nominal Diameter	13 micron
Nominal Length	18 mm
Density	30 g/m <sup>2</sup>

### TYPICAL USES

GFT™ glass fiber tissue can be used to cover coarse surfaces of chopped strand mat and other GRP products, improves finish on completed laminate when used on last layer.

A very fine mat ideal to be used as a barrier between layer of gelcoat surface and csm to prevent print through.

### STORAGE

It is recommended that the material is stored in a cool, dry area, out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction.

GFT™ glass fiber tissue mat should remain in its original packaging until immediately before use.

### CAUTION

All components of FRP composite systems may cause skin irritation and sensitization. Use of chemical resistant gloves is recommended. Material package should be handled with care and with the appropriate equipment in order to prevent any damage.

#### CTech-LLC®

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#### IMPORTANT NOTE:

Before using any CTech-LLC® product, the user must review the most recent version of the product's technical data sheet, material safety data sheet and other applicable documents, available at [www.ctech-llc.com](http://www.ctech-llc.com).

#### WARANTY:

CTech-LLC® warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within one month of the 'date of purchase. CTech-LLC® shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory. The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before utilizing.