



CREATE MORE WITH LESS®

Church Bridge, Gloucestershire

Fiberline Carbon Strip

Fiberline's Carbon strips are engineered to stiffen and strengthen structures.

Fiberline Carbon Strips consists of multitude of continued fibres, oriented in the direction of the load, each with a diameter of approx. 7µm.

Fiberline Carbon Strips are pultruded with vinylester resin, with a peel-ply cover. The unique production process guarantees the complete impregnation of the carbon fibres and extremely high degree of curing. The peel-ply cover ensures good bonding properties to other prepared surfaces, like other CFRP or GFRP strips, profiles, or planks. Simply remove the peel-ply cover before installation, and follow further the instructions from your adhesive supplier.

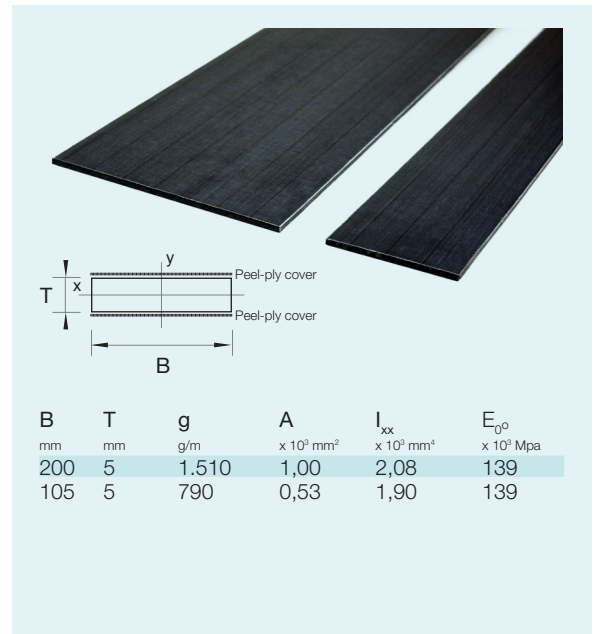
Advantages:

- High modulus of elasticity
- Low weight, high strength and unparalleled durability
- A lighter and slimmer construction than otherwise possible
- Corrosion and weather resistance
- Easy handling and quick installation
- A product manufactured to meet APQP standards

Properties (Characteristics):

| | |
|------------------------------|------------------------|
| Density: | 1.55 g/cm ³ |
| Fibre volume fraction: | 60% |
| Flexural E modulus: | 126 GPa |
| Tensile strength: | 1640 MPa |
| Compressive strength: | 890 MPa |
| Flexural strength: | 900 MPa |
| Tensile transverse strength: | 18 MPa |
| Interlaminar shear strength: | 52 MPa |

Please contact us for further information.



Fiberline Composites A/S

Light, strong, and durable FRP profiles and gratings

Fiberline is one of the world's leading suppliers of pultruded FRP-profiles for structures. For more than 30 years we have manufactured durable solutions for construction purposes all over Europe. Our focus is quality, efficiency, and a high degree of technical innovation.

FRP profiles from Fiberline have a proven track record in the construction industry for combining high strength and low weight with corrosion resistance. This makes it an excellent, cost efficient alternative to traditional materials such as wood, steel, and aluminium.

From our state of the art headquarters in Denmark, we constantly push the boundaries of the composite material to meet the demands of the modern energy efficient society.



Fiberline Composites HQ



Fiberline Composites A/S

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