

Meet the Line-Up of Specialised Industrial Fibre Cables & Components Coming to JEC World 2025

Valencia, Spain, 19 February, 2025 — Future Fibres will return to **JEC World**, the leading international composites show, 4-6 March, 2025.

Future Fibres specialises in formulating fibre cable technologies for highly specific performance characteristics—developing tailored solutions for some of the world’s **most demanding environments**. From **wind and tidal energy to lifting equipment, to civil engineering, aerospace**, and beyond, its innovations empower ambitious, boundary-pushing projects.

ISO9001 & AS9100 accredited, Future Fibres delivers **weight saving, strength, flexibility, low fatigue and high-performance in extreme temperatures, with no corrosion**—on land, sea, or in space.

Dry Wound & Synthetic Fibre Cables

syntheticS: Manufactured using a continuous winding process of synthetic unidirectional fibres around two spools that range between Aramid, DM20 and PBO. Future Fibres’ flagship dry wound cables anchor Minesto’s Dragon 4 subsea kites to the sea-bed as they produce energy from tidal streams and ocean currents. Future Fibres is increasing capacity and upscaling with new equipment to meet the growing demands of offshore applications.

Carbon Fibre Solutions

monolithiC: Manufactured using a continuous winding process of carbon fibre unidirectional prepreg around two spools, Future Fibres’ solid industrial cables can be optimised for the smallest and lightest characteristics. Tailored to specific applications, they’re currently in use in a wide range of settings—from a barn storage structure for a private client, to Uncrewed Aerial Vehicles for AeroVironment, Inc.

multiC: Future Fibres’ patented multistrand technology combines bundles of pultruded carbon fibre rods inside a textile cover, delivering exceptional flexibility, allowing it to resist fractures from bending, compression, and impact. multiC flight control system cables are used on world’s largest plane (by wingspan) – Stratolaunch’s ‘Roc’ – designed to air-launch hypersonic test vehicles.

flexC: A highly versatile flexible belt, combining high performance fibres such as carbon fibre with a uniquely flexible thermoset resin matrix. Used in civil engineering to strengthen concrete and steel structures, it can also be quickly deployed in emergency situations to shore up compromised structures. It reliably delivers accurate repetition within high fatigue environments, such as PTO systems in wave energy.

Future Fibres Components

Beyond its flagship cable range, Future Fibres Components has grown into a major division of the company, specialising in large-scale composite manufacturing. With advanced capabilities, including large ovens, autoclaves, filament winding, and precision machining, the division produces highly loaded structures on a daily basis. The Components Division is excited

to exhibit a low-profile composite bracket, designed for mounting a flat high-performance antenna, at JEC World 2025.

Join Future Fibres at JEC World 2025

Have an ambitious project that demands high-performance and unshakable reliability? Meet the experts at Future Fibres along with a range of samples on **Booth E99, Hall 6 at JEC World 2025**.