

**Product Name Carbon Fiber Tube**

<b>Primary material</b>	Glass Fiber/Carbon Fiber
<b>Specifications</b>	Customised services
<b>Performance indicators</b>	Tensile strength: 3000–7000 MPa Modulus of elasticity: 230–600 GPa Density: 1.5–1.8 g/cm <sup>3</sup> Glass fibre composite materials: Tensile strength: 1000–3000 MPa Modulus of elasticity: 70–85 GPa Density: 1.8–2.0 g/cm <sup>3</sup> Excellent insulation/wave permeability Durability testing: Resistant to salt spray, acid-alkali corrosion, with high cyclic fatigue life; Environmental compliance: Meets RoHS 2.0, REACH, PAHs, POPs, TSCA, PFAS and other regulations
<b>Product Features</b>	Lightweight, high strength, corrosion-resistant, fatigue-resistant
<b>Fields of application</b>	Tool handle support structures, power tool extension shafts, battery pack frame/casing reinforcement ribs, precision guide structures/positioning guide tubes, and other structural and functional components.
<b>Customised Services</b>	Dimensions, materials and colours can be customised to meet customer requirements.



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