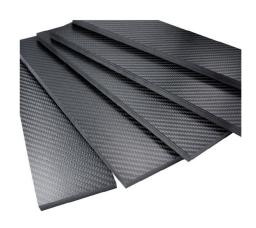
CARBON FIBER PLATE FOR REINFORCEMENT

Carbon fiber plate is carbon fiber impregnated resin curing and continuous pultrusion in the mold. It made of high-quality carbon fiber and good epoxy resin.

Yarn tension uniformity, maintaining the strength of carbon fiber and product stability. Tensile strength up to 2400Mpa, elastic modulus up to 160Gpa.



MAIN APPLICATION

- 1.Large span steel structure, reinforced concrete bridge reinforcement, enhance the carrying capacity, widely used in prestressed / non-prestressed bridge structure;
- 2.Steel structure, reinforced concrete beam girder, box girder, T beam bending reinforcement;
- 3.Steel structure, reinforced concrete bridge crack control reinforcement;
- 4.Civil construction, industrial plants and other buildings, largespan structural beams, plates, bending reinforcement, crack control reinforcement.

TECHNICAL DATA

No.	Standard Strength (Mpa)	Thickness (mm)	Width (mm)	Cross- sectional Area (mm2)	Standard Breaking Force (KN)	Strong Modulus (GPa)	Elongation Ultimate (%)
CP-F2.0	2800	2	5	100	280	170	≥1.7
CP-F3.0		3	5	150	420		
CP-F4.0		4	5	200	560		
CP-F2.0		2	10	140	392		
CP-F3.0		3	10	200	560		
CP-F4.0		4	10	300	840		
CP-F2.0	2600	2	5	100	260	- 165	≥1.7
CP-F3.0		3	5	150	390		
CP-F4.0		4	5	200	520		
CP-F2.0		2	10	140	364		
CP-F3.0		3	10	200	520		
CP-F4.0		4	10	300	780		
CP-F2.0	2400	2	5	100	240	160	≥1.6
CP-F3.0		3	5	150	360		
CP-F4.0		4	5	200	480		
CP-F2.0		2	10	140	336		
CP-F3.0		3	10	200	480		
CP-F4.0		4	10	300	720		