

# 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, large-span structural beams, plates, bending reinforcement, crack control reinforcement.

## TECHNICAL DATA

No.	Standard Strength (Mpa)	Thickness (mm)	Width (mm)	Cross-sectional Area (mm <sup>2</sup> )	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		