



Focus on Carbon Fiber Products



[www.xccarbonfiber.com](http://www.xccarbonfiber.com)

**XC Carbon Fiber CO., Limited**  
**Dongguan Xiechuang Composite Material CO., Ltd**

Dongguan Xiechuang Composite Material Co., Ltd (Xccarbon/Xccomposite) is a professional Carbon Fiber Leading Manufacturer In Dongguan China Since 2008 . We Specializing in manufacturing , processing and selling carbon fiber products .All of our Raw material pass SGS and meet international environmental protection . We have approved ISO-9001-2008 In 2015.

### Main Products

Carbon Fiber Plate/Carbon Flexible Sheet

Carbon Fiber CNC Cutting

Carbon Fiber Tubes Rods Strips

Carbon Fiber Molding Products

Carbon Fiber Fishing Wheel Plate

G10 FR4 Plate With Cutting

Aluminum CNC Cutting

### Applications

UAV Drone Copter FPV frame parts

Heli RC Racing Car Parts

Carbon Molding Products

Medical X-ray machine Carbon Parts

Mobile or Jewelry electronic Product Decoration

Mechanical Parts Sports Products Parts

### Carbon Property

High strength light weight

High modulus Corrosion resistance

Excellent Structural nice surface

If need carbon cutting parts ,please offer us CAD dxf or dwg file or real products .

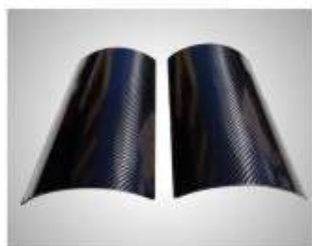
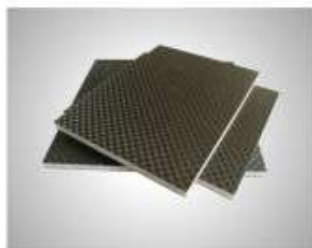
If need carbon customized products , please offer us 3D stp, step, igs File.

High quality products ,competitive price and excellent fast service make your satisfy.

Need more product information , please contact us







Carbon fiber is new high technology material composed of carbon atoms bonded together to form a long chain. The fibers are extremely stiff, strong, and light, and are used in many processes to create excellent building materials. Carbon fiber material comes in a variety of "raw" building-blocks, including yarns, uni-directional, weaves, braids, and several others, which are in turn used to create composite parts. It is only half weight of Aluminum but the strength is 10 times of steel. Due to its high modulus and ultimate tensile strength, carbon fiber material become a new material instead of Aluminum and Steel.

### 碳纤维成品技术参数

项目	单位	T300级别数值	T700级别数值
碳纤维含量	%	68	68
树脂含量	%	32	32
比重	g/cm <sup>3</sup>	1.5	1.5
抗拉强度	Mpa	3400	4900
弹性模量	Gpa	240	250
抗剪强度	Mpa	40	40
泊松比		0.25	0.25
伸长率	%	1.7	1.7

### Technical Specification of carbon fiber product

Item	Unit	T300 Quantitative Value	T700 Quantitative Value
Carbon fiber Content	%	68	68
Resin Content	%	32	32
Specific Gravity	g/cm <sup>3</sup>	1.5	1.5
Tensile Strength	Mpa	3400	4900
Elasticity Modulus	Gpa	240	250
Shearing Strength	Mpa	40	40
Poisson Ratio		0.25	0.25
Elongation	%	1.7	1.7

Carbon fiber product can work under -80 degree C to 130Degree C, anti-corrosion and acid and alkali resistant.

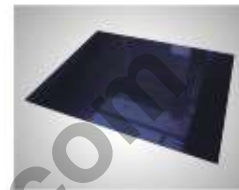
Carbon fiber plate is one kind of composite material made by carbon fiber fabric and epoxy resin . We use high quality carbon fiber fabric from Japan TORAY or Taiwan TAIRYEIL . Our carbon fiber plate contains carbon fiber fabric over 65% . All property meet international standard . Advantage of Carbon Material :High strength,light weight ,Low coefficient of thermal expansion•Anti-corrosion•Durable Nice luxury surface



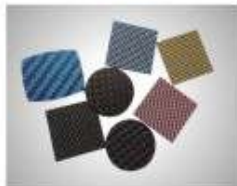
3K color carbon plate



3K twill matte carbon plate



3K twill glossy carbon plate



1K 1.5K 3K carbon plate



3K plain matte carbon plate



3K plain glossy carbon plate



3K Plain Weave



UD Carbon Plate



3K Twill Weave

Carbon Fiber Plate Description						
Size	Thickness	Line	Weave	Surface	Color	Carbon content
400*500mm	0.2-60mm	1k	Plain	Glossy	Black	Pure 3K carbon
500*500mm	(0.5/0.8/1	1.5k		Matte	Silver	Carbon+UD
500*600mm	.0/1.2/1.5	3k			Red	Carbon+Glass
500*1000mm	/2.0/2.5/3	6k	Twill	UD	Pink	Pure UD Carbon
600*1000mm	.0/3.5/4.0	12k			Gold	
1000*1200mm	/5.0/6.0/8				Blue	
	.0)				Mix color	
Usage Of Carbon Fiber Plate						
UAV Drone Copter FPV frame parts /Heli RC Racing Car Parts						
Medical X-ray machine Carbon Parts						
Mobile or Jewelry electronic Product Decoration						
Industrial mechanical Parts Sports Products Parts						



Carbon fiber flexible sheet is new high luxury decoration material.

Advantage :Flexibility. Durability. Anti-corrosion.Nice -looking.

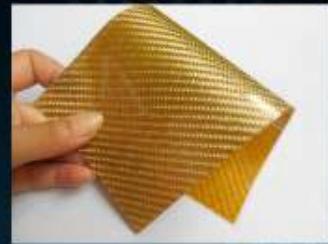
Application:Carbon fiber art products , Glasses , watches , button , card decoration ,phone case ,3C products ,sports products bags ect .

Weave:Plain/Twill (1k/1.5k/3k) 3k often use surface:glossy/matte

Color :black,silver ,red ,gold ,blue ,mixed color

Size:400\*500mm/500\*500mm

Thickness :0.15-0.5MM



All our carbon fiber tube/pipe are made with 100% real carbon fiber by prepreg carbon fiber fabric roll wrapped technology. It has the advantage of nice surface, durable use, high strength, light weight, anti-corrosion and so on.

Carbon fiber round tube OD 6-100mm

CNC Cut accepted offer CAD DXF OR DWG File

Wall Thickness 1-10mm as per client request

Length 1000-3000mm as per clients request

Carbon fiber moulding pipe offer us 3D OR DWG Drawing

**Carbon Fiber Round Tube****Carbon Fiber Color Tube****UD Carbon Round Tube****Carbon Fiber Moulding Tube****Carbon Fiber Moulding Tube****Carbon Fiber Moulding Tube****Carbon Fiber Square Tube****Carbon Fiber CNC Cutting****Carbon Fiber CNC Cutting**



We supply full size to pre-cut panel, as well as CNC machined parts to customer's design  
More than 12 high precision CNC cutting machines ensure making clients unique design fast . Professional OEM Carbon Fiber CNC Cutting Parts, cutting , drilling hole making countersung engraving and edage chamfering According to Customers Design Drawing (DWG.&DXF. format), Confidentiality DIY Design.

#### Product Display



Carbon fiber is widely use in Home and gift products such as Carbon fiber money clip , carbon fiber mobile case , carbon fiber wallet ,carbon fiber cigar case , carbon fiber poker , carbon fiber knife , carbon fiber ruler , carbon name card ect .Carobn fiber product become more and more popular in nowadays's life due to its Noble surface , Durabilty and super light weight . We accept customized logo by silk printing or other way



Carbon Name Card Holder



Carbon Cigar Ashtray



Carbon Fiber Ruler



Carbon Shin Guards



Carbon Licence Frame



Carbon Fiber Poker



Carbon Sunglasses



Carbon Fiber Knife



Carbon Fiber Money Clips



Carbon fiber material also widely use in car and motor accessories Filed .

We have different carbon fiber Accessories for car or motors.

Carbon fiber bottom plate , carbon fiber license frames , carbon fiber muffler,carbon fiber car inner decoration parts .We accept customized carbon fiber car and motor parts .

Please offer us 3D step ,stp ,stl or lgs or Real product for customized products



property :Flatness .Insulation .Reinforced.Smooth surface.High temperature Resistance

Application:RC hobby parts ,Copter frames ,Mechanical Parts ,Insulated parts

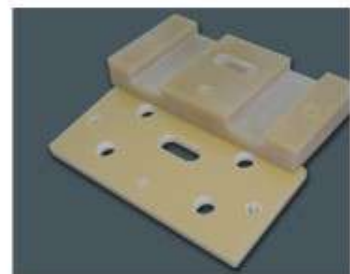
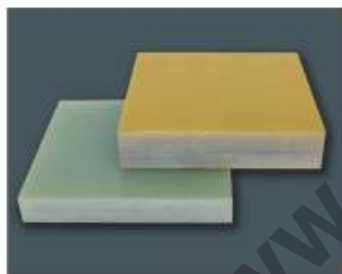
Size:400\*500mm , 500\*500mm . 500\*600mm ,1020\*1220mm

Color :Black , white , light green , blue , yellow ,red .

Thickness 0.2-100mm as customer's request .

We sell full G10/FR4 Sheet with high standard tolerance .

We can also CNC cut the G10 /FR4 Plate as per Client's CAD drawing .





Carbon fiber drag washer plate is a type of friction materials made of carbon fiber as reinforcing material. It is one kind of carbon fiber sheet by lamination technology.

Carbon fiber drag washer plate		
Features	Low density	1.8g/cm <sup>3</sup>
	Good braking performance	Stability, safety
	Good abrasion resistance	Prolonging service life
	Low brake noise	Yes
	Waterproof	Yes
		Yes
	Anti-corrosion	Yes
	Environment-friendly	Yes
Thickness	0.5mm,0.8mm,1.0mm,1.2mm	
Sizes	400*500mm, or do as requirements	
Application	fishing wheel	





Solid Carbon Fiber Rod

Application : farming, Kite, tent ,  
heli ,infrastructure, cooling tower,  
chemical carrier etc.

Below sizes are common use ,accept customized size :

Type	Color	Dimension(diameter*length)	Type	Color	Dimension(diameter*length)
Round	Black	0.3*1000mm	Round	Black	1.8*1000mm
Round	Black	0.5*1000mm	Round	Black	2.0*1000mm
Round	Black	0.6*1000mm	Round	Black	2.5*1000mm
Round	Black	0.8*1000mm	Round	Black	3.0*1000mm
Round	Black	0.9*1000mm	Round	Black	5.0*1000mm
Round	Black	1.0*1000mm	Round	Black	10*1000mm
Round	Black	1.2*1000mm	Round	Black	20*1000mm
Round	Black	1.5*1000mm	Round	Black	25.4*1000mm
Features	Anti-corrosion, chemical stability, high strength, good tenacity, electrical insulation etc.				



Carbon Fiber Flat Strip

Application : tents, kites, sails,  
medical equipment, model  
helicopter parts and RC hobby  
market.

Below sizes are common use ,accept customized size :

Color	Weave	Width*thickness*length	Color	Weave	Width*thickness*length
Black	N/A	0.2*2*1000mm	Black	N/A	1*6*1000mm
Black	N/A	0.3*3*1000mm	Black	N/A	1*10*1000mm
Black	N/A	0.5*3*1000mm	Black	N/A	1.5*2.5*1000mm
Black	N/A	0.5*5*1000mm	Black	N/A	2*10*1000mm
Black	N/A	0.8*12*1000mm	Black	N/A	2*15*1000mm
Black	N/A	0.5*25.4*1000mm	Black	N/A	3*12*1000mm
Black	N/A	1*3*1000mm	Black	N/A	3*30*1000mm
Black	N/A	1*4.5*1000mm	Black	N/A	4*20*1000mm
Black	N/A	1*5*1000mm	Black	N/A	Accept customized size



Pultruded Round Carbon Fiber Tube

Application :kite,tent ,camping,  
model helicopter RC hobby  
machinery,chemical industry Ect

Below sizes are common use ,accept customized size :

Color	Surface	Size(ID*OD* Length MM)	Color	Surface	Size(ID*OD* Length)
Black	Smooth/Glossy	1*2*1000	Black	Smooth/Glossy	3.5*5.5*1000
Black	Smooth/Glossy	1.5*3*1000	Black	Smooth/Glossy	4*6*1000
Black	Smooth/Glossy	2*3*1000	Black	Smooth/Glossy	5*6*1000
Black	Smooth/Glossy	2*4*1000	Black	Smooth/Glossy	7*8*1000
Black	Smooth/Glossy	3*4*1000	Black	Smooth/Glossy	8*10*1000
Black	Smooth/Glossy	2.5*4.5*1000	Black	Smooth/Glossy	14*16*1000
Black	Smooth/Glossy	3*5*1000	Black	Smooth/Glossy	16*20*1000
Black	Smooth/Glossy	4*5*1000	Black	Smooth/Glossy	30*35*1000



Aluminum parts are economical, light weight and attractive. CNC Machining Anodized parts made from this metal are often less expensive because they can be machined in less time than many other metals such as steel and do not require additional finishes.

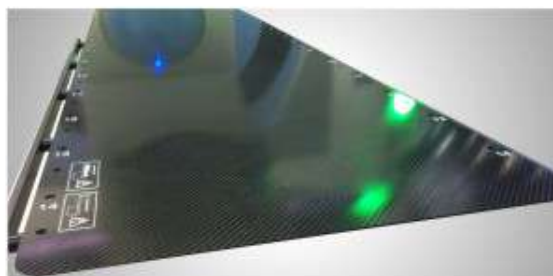
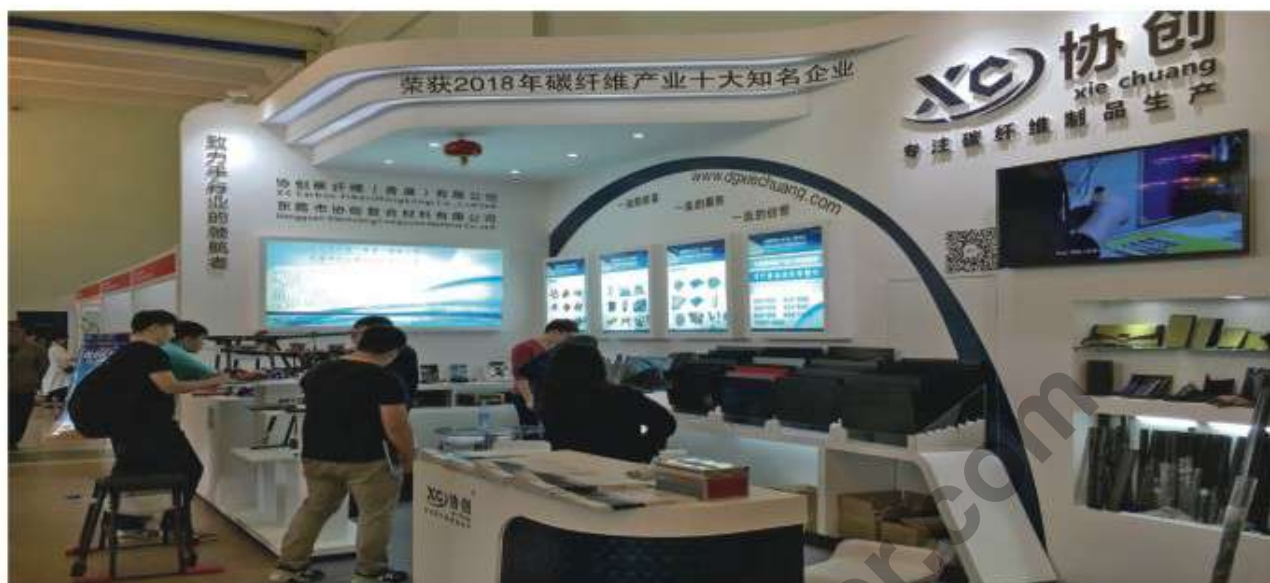
We help to make Aluminum parts for Drone frame , rc racing car and other mechanical aluminum parts . Please offer us 3D files in Step, Igs and Stl etc .



Carbon fiber quadcopter kits We offers carbon fiber UAV quadcopter kits that utilize our advanced products and a unique, cost effective, design. The kits come as a DIY version that includes the raw materials to be cut down and customized or as a Ready to Assemble version with pre-cut and pre-drilled holes. The standard UAV has a main body plate and four arms to mount your choice of motors, controllers, and batteries. Our deluxe model includes a convenient set of landing arms for faster landings on diverse terrain and an upper body for mounting of custom hardware. Below some ready model for your choice







# The expert of carbon fiber



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