

河北固得

环保设备有限公司

**Hebei GuDe Enviromental
Protection Equipment Co., LTD.**

FRP TANK

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FRP PIPE

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FRP TOWER

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FRP PROFILES

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FRP GRATING

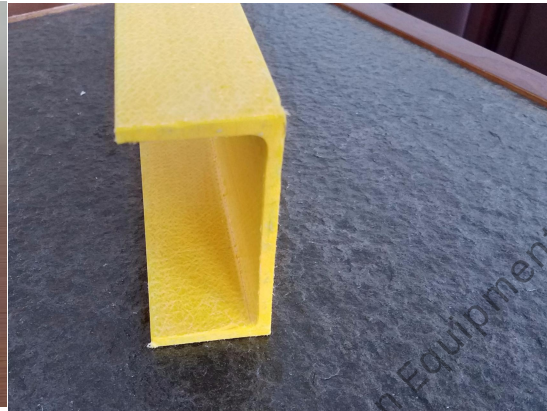
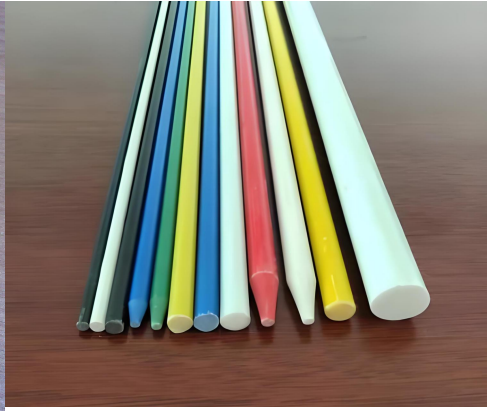
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FRP Products for Sewage treatment Flue and
Gas Treatment Equipment





FRP Profiles 玻璃钢型材



Fiberglass Reinforced Plastic (FRP) Profiles are composite material profiles made from fiberglass as the reinforcing material and unsaturated polyester resin (or epoxy resin, etc.) as the matrix, manufactured through processes such as pultrusion or molding.

Features:

Lightweight & High Strength

Corrosion Resistance

Excellent Insulation

Design Flexibility

Long Service Life

Types:

Angle Profiles, Round Bar, Solid Bar

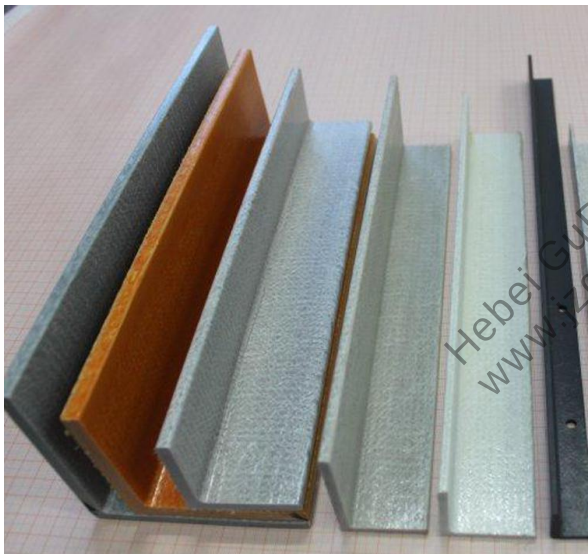
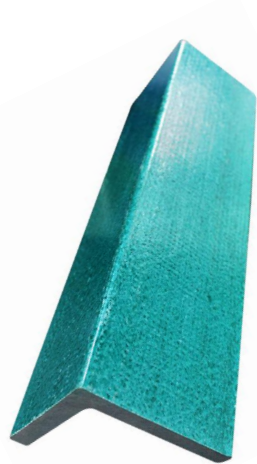
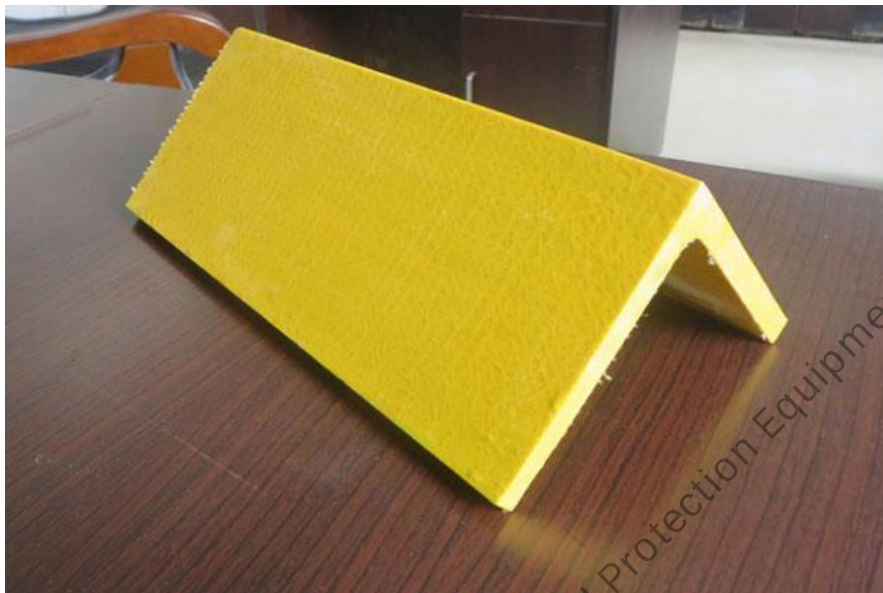
U-Channel, C-Channel, H-beam

FRP fence, FRP Ladder

Round Tube, Square Tube



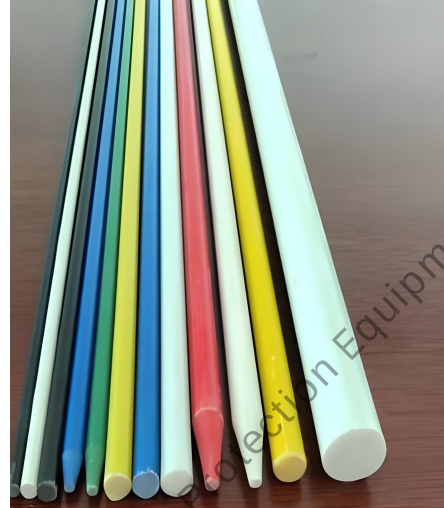
Angle Profiles 角钢



FRP Angle	Equal Angle	Unequal Angle
Material	E-glass/Vinyl Ester	E-glass/Vinyl Ester
Leg Length	20×20mm - 200×200mm	30×20mm - 150×100mm
Thickness	3mm-20mm	4mm-15mm
Length	1m-12m	1m-12m
Fiber Content	50-70%	50-70%
Application	Automotive,Chemical Processing,Construction,Conduit Rods ,Fishing Rods,Oil & Gas,Power Generation	
All above products support customization		



Round Bar圓棒



FRP Round Bar	
Material	E-glass
Diameter	Φ2mm -Φ300mm
Length	1m-12m
Tolerance	±0.1mm-±0.5mm
Fiber Content	60%-70%
Application	Chemical Processing Equipment, Mechanical Drive Components, High-Voltage Insulation Assemblies, Renewable Energy Systems,
All above products support customization	



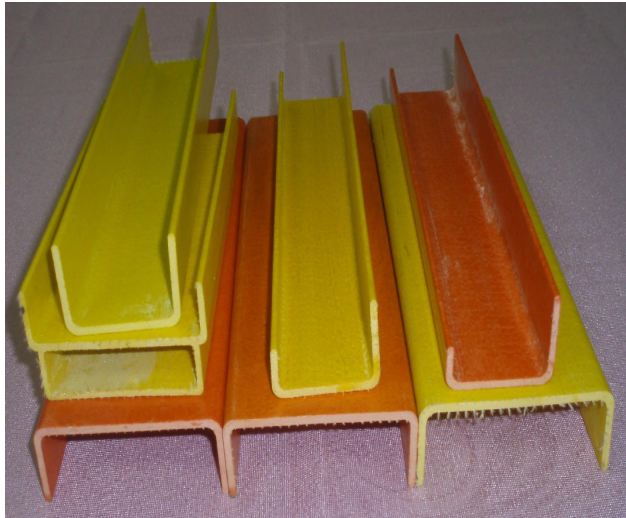
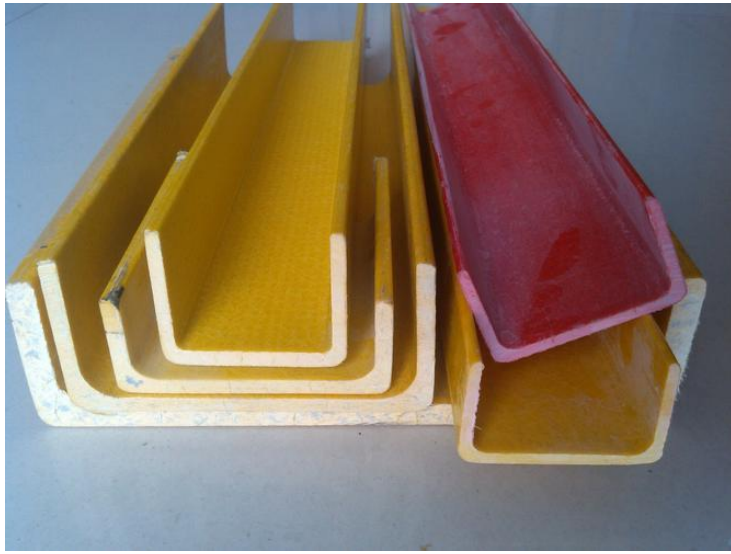
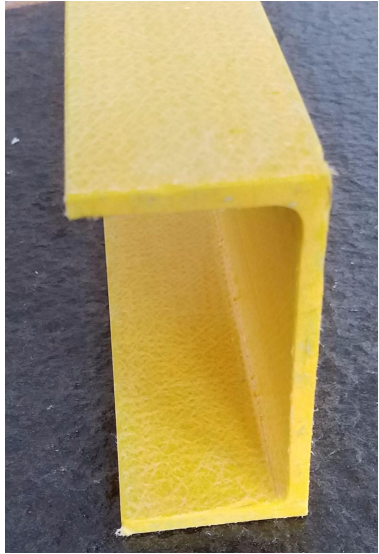
Solid Bar 实心棒



FRP Solid Bar	
Material	E-glass
Diameter	Φ2mm -Φ300mm
Length	1m-12m
Tolerance	±0.1mm-±0.5mm
Fiber Content	60%-70%
application	Industrial equipment, energy and power supply, communication and trasportation, building and public utilities
All above products support customization	



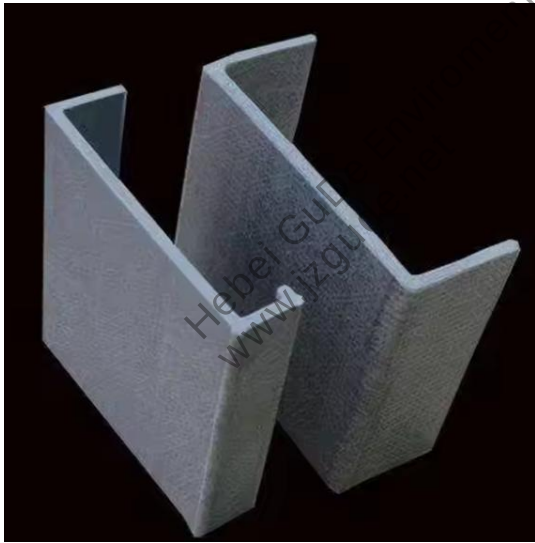
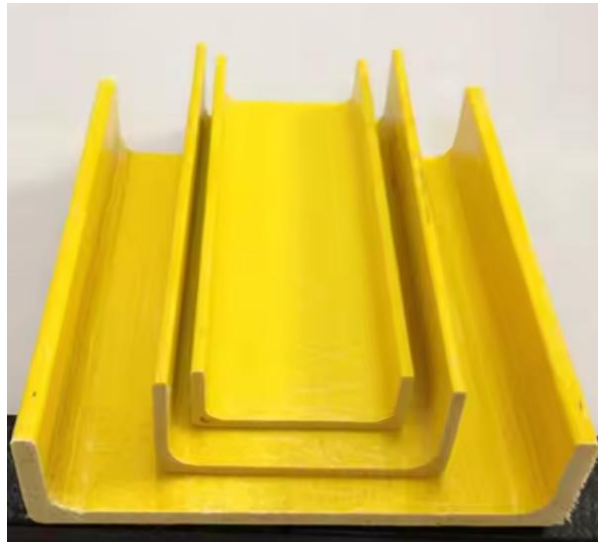
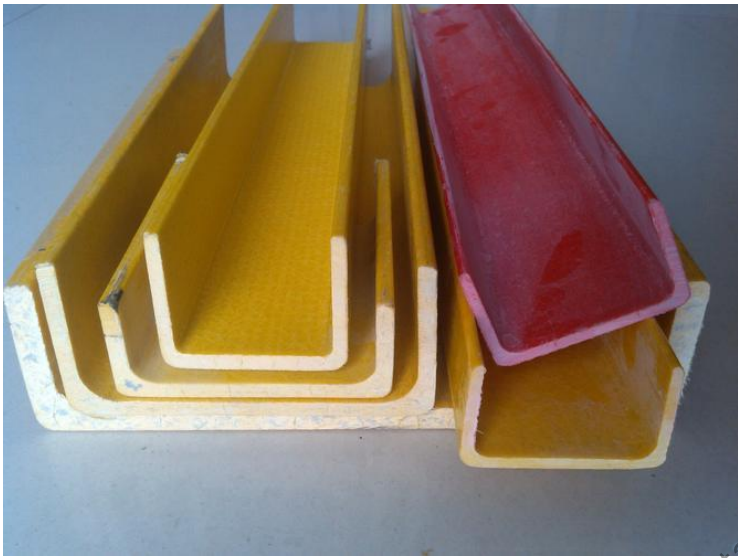
U-Channel U型槽钢



U-Channel	small-scale	small and medium sized	medium-sized	medium to large	large-scale	extra-large
Material	glass fiber					
width(mm)	50	100	200	300	500	1000
depth(mm)	30	50	100	200	300	600
wall thickness(mm)	2	3	4	5	6	8
length(mm)	2000	3000	4000	6000	6000	6000
application	balcony drainage,pet feeding,kitchen drainage,cable tray,outdoor road drainage,green belt,parking lot drainage,industrail workshop,municipal engineering,highway drainage,large-scale hydraulic projects,airport runways					
All above products support customization						



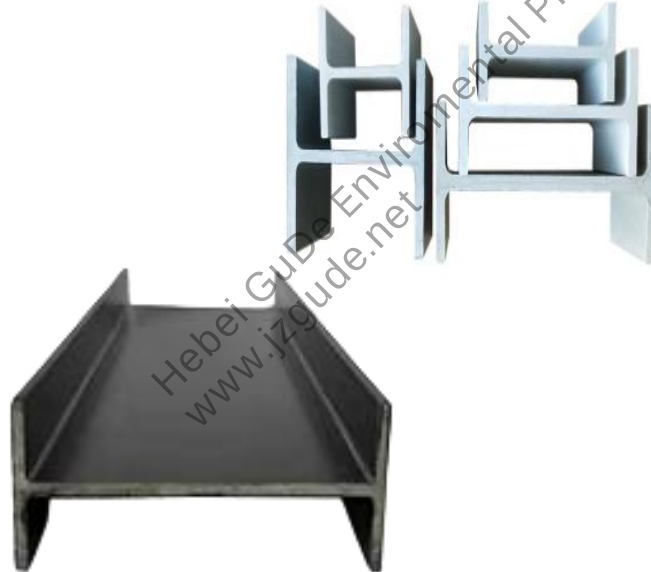
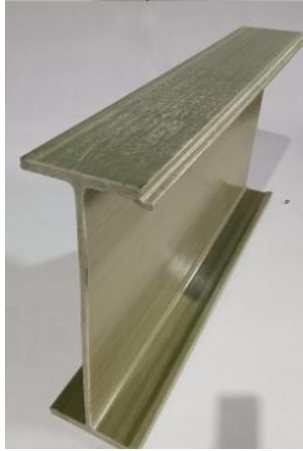
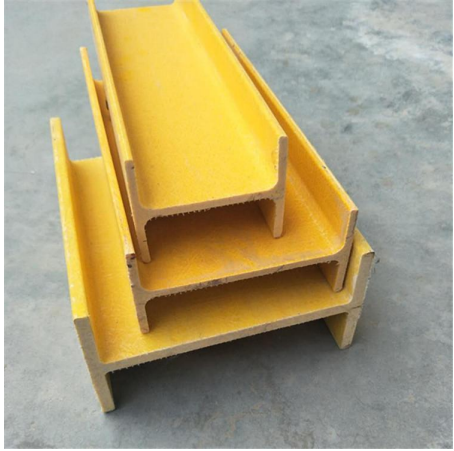
C-Channel C型槽钢



C-Channel		
height(mm)	50	100
Flange Width(mm)	37	48
Thickness(mm)	2.5	5
Application	chemical and anticorrosion works, power and electric facilities, communication and transportation, transportation,ocean and ship,nuclear power plant, food product factory	
All above products support customization		



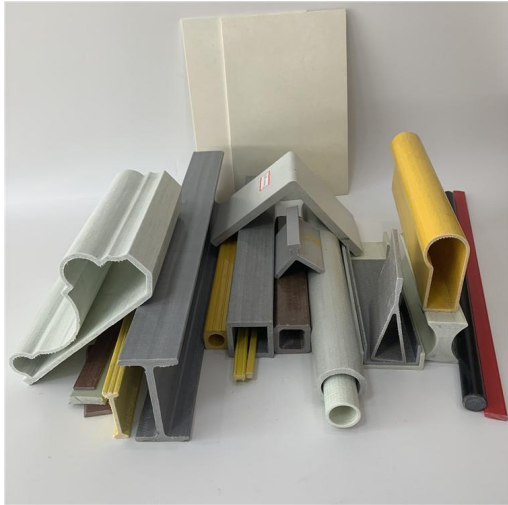
H-beam工字钢



H-beam			
height (mm)	100	150	200
width (mm)	50	100	100
Thickness(m m)	8	10	10
application	chemical and anticorrosion engineering,electricity and new energy resources,building and public facilities,off shore oil platform walkway,guardrail support,food and medicine,electrical workshop		
All above products support customization			



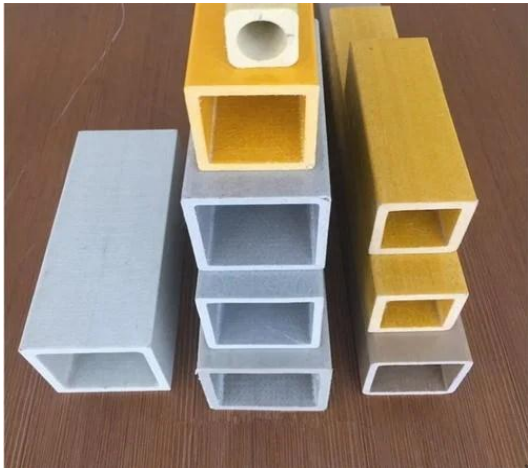
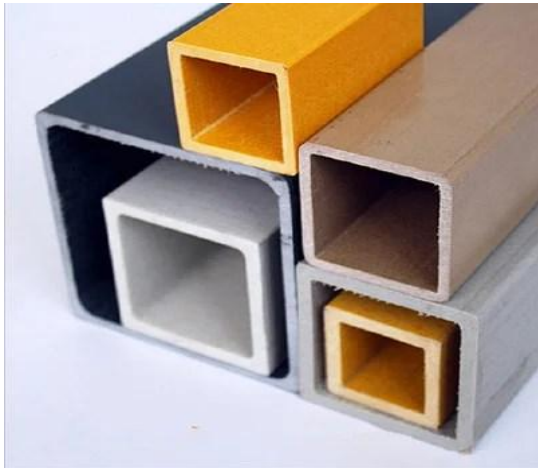
Round tube 圆管



Round tube	
Diameter(mm)	20×20~ 400×400
Wall Thickness(mm)	2~15
Length(mm)	1-12m
Flexural Strength(MPa)	≥150MPa
Compressive Strength(MPa)	≥100MPa
Fiber Content	≥50%
Application	Roof support,Scaffold / Pergola,Railing,Drainage pipeline,Stair handrail,Chemical industry pipeline,Exhaust gas treatment,Sewage treatment,Cable protection pipe,Irrigation pipeline,Golf club,Fishing rod
All above products support customization	



Square Tube 方管



Square tube	
Width × Height(mm)	DN50~DN2000
Wall Thickness(mm)	2~30
Length(mm)	6-18m
Ring Stiffness(N/m²)	SN5000 SN10000
Pressure Rating(MPa)	0.6/1.0/1.6
application	Structural support,Balcony railing,Veranda column frame,Building drainage pipeline,Ventilation duct,Cable protection casing,Ship deck guardrail,Greenhouse skeleton,Machine tool protective cover
All above products support customization	



FRP fence 玻璃钢围栏



FRP fence	height(mm)	column size (mm)	number of horizontal bars(mm)	spacing(mm)
courtyard fence	1200	square 60×60×3	3 pieces/ square 30×30×2	Column spacing 2000
industrail fence	1800	rectangle 80×100×5	4 pieces/ circular Φ50	Column spacing 2500
stair handrail	1050	circular Φ80×4	2 pieces / circular Φ40	Crossbar spacing 450
All above products support customization				



FRP Ladder
玻璃钢梯子



FRP Ladder	Straight Elevator Series		man-made ladder series
height	1m-12m (0.5m interval)	Developed Height	1.5m-5m
Step Rod Spacing	280±10mm	Tread Width	≥300mm
Step Rod Diameter	Φ32mm/ Φ38mm	Self-Standing Angle	65°-75°
Section Size	60×40mm Square Tube/50×30mm Rectangular Tube	Safety Support Bar	Adjustable
All above products support customization			



Why US



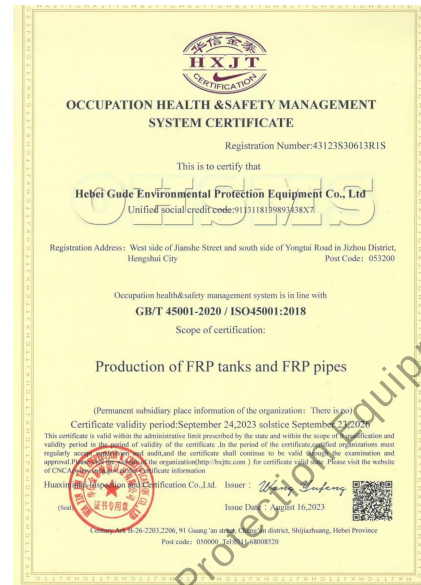
Strict quality control: ISO 9001 certification, full-process testing to ensure product consistency.

Professional design support: Provide media compatibility analysis, structural strength simulation and other services.

Fast delivery: mature production lines support large-volume orders.

If you need further technical parameters or case materials, please feel free to contact us!





谢谢观看

Thanks for watching

FRP has become an important material in modern industry, municipal construction and other fields due to its excellent corrosion resistance, high strength, lightweight and safety and anti-slip advantages. As a professional FRP manufacturer, we can provide customized solutions according to customer needs to ensure product performance and service life. If you need more technical parameters or purchase consultation, please feel free to contact us!

—— Hebei GuDe, a professional fiberglass grille manufacturer



Hebei GuDe Environmental Protection Equipment Co., LTD.

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Welcome Your Inquiry!