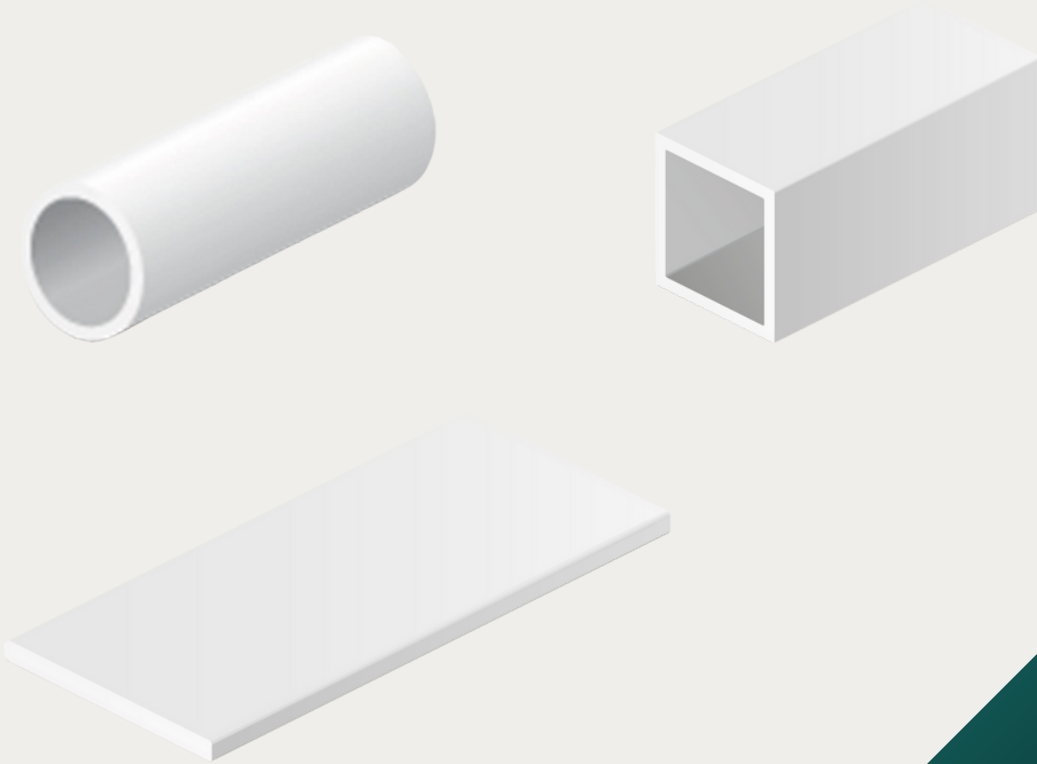


Pultruded Profiles

(FRP - Fiber Reinforced Plastic)



About Us



40+

Years In Business

100+

Custom Solutions

200+

Government Units



Sid Wang

All Leader Founder

All Leader is a global leader in FRP composite materials, committed to providing high-quality, durable solutions for diverse industries. With years of expertise and a dedicated team, we deliver products that stand the test of time.

Why Choose FRP?



70% Lighter

FRP composites are up to 70% lighter than steel and concrete, reducing shipping costs and structural load, while allowing innovative designs without sacrificing strength.



Safer Alternative

FRP is a safer construction option due to its non-conductive properties and high strength-to-weight ratio, ensuring reliable performance in critical conditions.



Less Maintenance

FRP materials need little maintenance because of their corrosion resistance and durability, resulting in long-term cost savings and consistent performance in tough conditions.

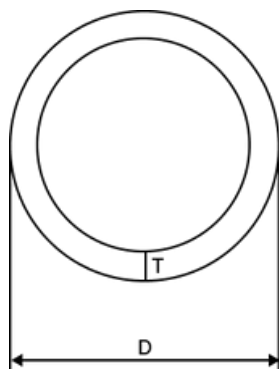


Eco-Friendly

FRP materials are durable, recyclable, and promote sustainability, making them an eco-friendly choice for construction.

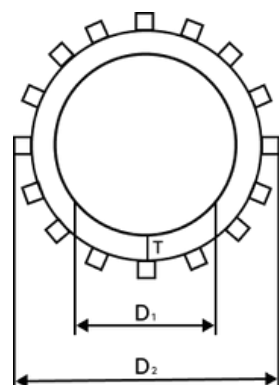
Product Specifications

Round Tube



Model	Dimensions D × T (mm)	Weight(kg/m)
RT25	25 × 3.2	0.44
RT26A	26 × 3.0	0.42
RT26B	26 × 4.8	0.63
RT32A	32 × 3.2	0.55
RT32B	32 × 5.0	0.81
RT32C	32 × 6.0	0.96
RT38A	38 × 3.2	0.65
RT38B	38 × 4.0	0.81
RT38C	38 × 5.0	1.00
RT38D	38 × 6.4	1.18
RT41	41 × 4.5	0.98
RT42A	42 × 3.2	0.70
RT42B	42 × 5.0	1.11
RT42C	42 × 6.4	1.45
RT48	48 × 6.4	1.58

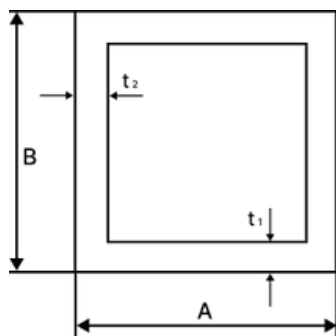
Corrugated Round Tube



Model	Dimensions D1 × D2 × T (mm)	Weight(kg/m)
CT32A	19 × 32 × 6.4	1.11
CT32B	25 × 32 × 3.5	0.66
CT32C	22 × 32 × 5.0	0.99
CT34A	19 × 34 × 7.5	1.30
CT37.5	37.5 × 21.5 × 8.0	1.35
CT42	29 × 42 × 6.4	1.35
CT45A	28 × 45 × 8.5	1.86

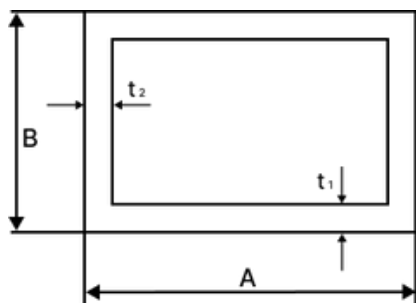
Product Specifications

Square Tube



Model	Dimensions A × B × T1 × T2 (mm)	Weight(kg/m)
ST25A	25 × 25 × 3.2 × 3.2	0.53
ST25B	25 × 25 × 6.4 × 6.4	0.90
ST32A	32 × 32 × 3.2 × 3.2	0.70
ST32B	32 × 32 × 6.4 × 6.4	1.24
ST38A	38 × 38 × 3.2 × 3.2	0.85
ST38B	38 × 38 × 5.0 × 5.0	1.25
ST38C	38 × 38 × 6.4 × 6.4	1.54
ST44A	44 × 44 × 3.2 × 3.2	1.01
ST44B	44 × 44 × 6.4 × 6.4	1.83
ST50A	50 × 50 × 3.2 × 3.2	1.14
ST50B	50 × 50 × 3.5 × 3.5	1.24
ST50C	50 × 50 × 4.0 × 4.0	1.42

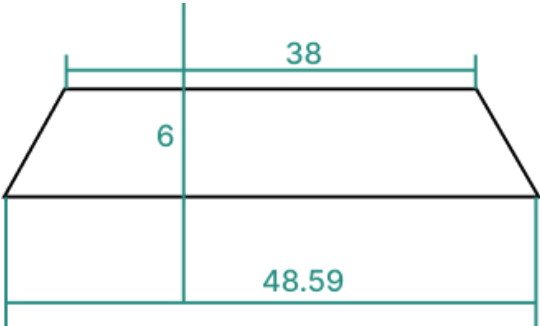
Flat Tube



Model	Dimensions A × B × T1 × T2 (mm)	Weight(kg/m)
FT44A	44 × 25 × 3.2 × 3.2	0.80
FT44B	44 × 20 × 3.2 × 3.2	0.75
FT44C	44 × 20 × 3.0 × 3.0	0.62
FT50A	51 × 25 × 3.0 × 3.0	0.79
FT50B	51 × 25 × 6.4 × 6.4	1.54
FT50.8	50.8 × 101.6 × 6.35 × 6.35	3.30
FT51A (Horizontal)	51 × 25 × 4.0 × 4.0	1.01
FT51B (Horizontal)	51 × 38 × 4.0 × 4.0	1.22
FT52 (Horizontal)	52 × 32 × 5.0 × 5.0	1.41
FT75	75 × 38 × 4.0 × 4.0	1.70

Product Specifications

Chamfered Flat Bar



Model	Dimensions Thickness × Width (mm)	Weight(kg/m)
FS250A	250 × 12.0	5.70
FS280A	280 × 10.0	5.32
FS300A	300 × 24.0	14.40
FS355A	355 × 5.0	3.50
FS555A	555 × 5.0	5.40
FS751A	751 × 5.0	7.20
FS762A	762 × 9.5	13.80
FS50A (Rounded Edge Profile)	50 × 3.2	0.29
FS60A (Rounded Edge Profile)	60 × 3.2	0.36
FS70 (Rounded Edge Profile)	70 × 4.0	0.54
FS90A (Rounded Edge Profile)	90 × 3.2	0.54
FS100 (Rounded Edge Profile)	100 × 3.2	0.60
FS120 (Rounded Edge Profile)	120 × 3.0	0.70
FS48A (Rounded Edge Profile)	48.6 × 6.0	0.56

Application

Round Tube

Handrails



Safety Rails



Ladder

Fence



Greenhouse Structural Frames



Tool Handles

Application Square Tube



Cable Ducts



Solar Panel Mounting Systems

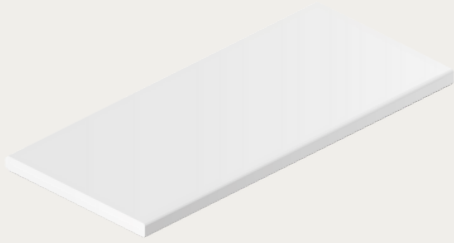
Observation Decks



Retaining Wall

Application

Chamfered Flat Bar



HVAC Ventilation Grilles



Air Conditioning Louvers



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