



AOCOMM[®]



PRODUCT
CATALOG

China FRP Profiles & Gratings

Brochure for
Pultruded FRP Gratings

Professional Composite Manufacturer & Solution Designer

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Products-2.FRP Gratings

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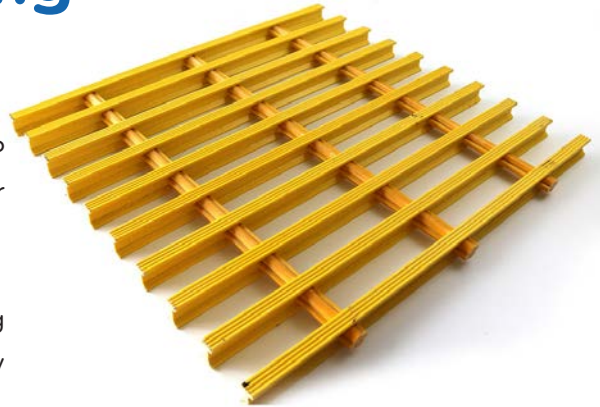


02. Pultruded FRP Grating

Heavier Loads & Longer Spans

Pultruded Fiberglass grating is constructed of FRP pultruded profiles. It can supply heavier loads and longer spans than comparably sized molded FRP Grating.

I bar, T bar or High-Load bars are supplied for demanding applications ranging from ADA-compliant walkways to heavy duty vehicle traffic decking.



Available bearing bars



I bars

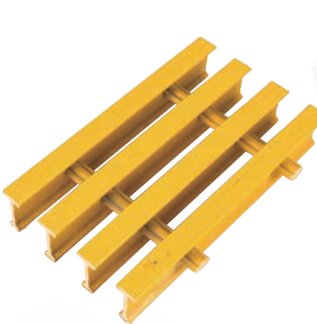


T bars



High-Load bars

Available Surface Type



Smooth surface



Gritted surface



Convex surface



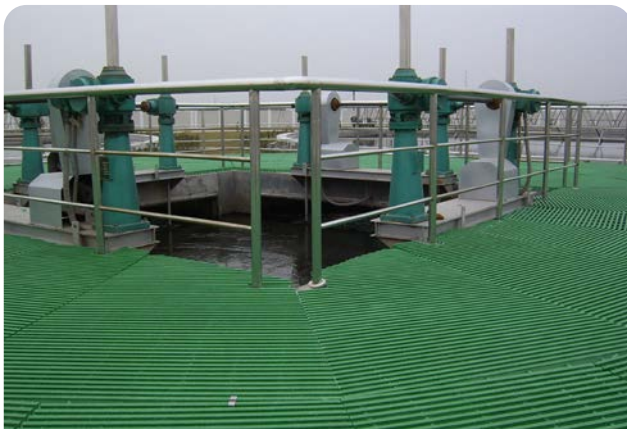
Corrugated Surface

Features

- **Higher loads.** *Higher loads and longer span than molded grating.*
- **Lightweight.** *1/3 lighter than steel grating.*
- **Anti-slipping.** *Gritted, corrugated or convex surface for safe access.*
- **Flame retardant.** *UV inhibitor for UV resistant and fire retardant.*
- **Corrosion resistance.** *Excellent chemical and harsh condition resistance.*
- **Extended life.** *The coated resin surface increases resistance to chemical corrosion and continuous UV exposure.*
- **Easy fabrication.** *Lightweight structure is easy to fabricate by simple hand tools.*
- **Stability.** *Higher loads and corrosion resistance for maximum stability.*

Classical Applications

- Platform.
- Walkway.
- Catwalk.
- Trench cover.
- Stair treads.
- Security fence.
- Boat deck.
- Transformer grating.



Working Platform



Catwalk

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Walkway



Stair Treads



Transformer Grating



Drainage Cover



Boat Decking



Trench Cover

Common Specifications

Type	Thickness (inch/mm)	Bearing Bars (Top/Bottom) (inch)	Weight (kg/m ²)	Open Area
I-4010	1"/25.4	1"/1"	18.6	40%
I-5010	1"/25.4	1"/1"	14.3	50%
I-6010	1.25"/31.75	1"/1"	12.8	60%
I-40125	1.25"/31.75	1"/1"	19.88	40%
I-50125	1.25"/31.75	1"/1"	17.4	50%
I-60125	1.25"/31.75	1"/1"	13.8	60%
I-4015	1.5"/38.1	1"/1"	23.6	40%
I-5015	1.5"/38.1	1"/1"	19.82	50%
I-6015	1.5"/38.1	1"/1"	17.80	60%
I-4020	2"/50.8	1"/1"	30.82	40%
I-5020	2"/50.8	1"/1"	26.62	50%
I-6020	2"/50.8	1"/1"	22.02	60%
T-1210	1"/25.4	1.5"/1"	17.54	12%
T-1810	1"/25.4	1.625"/0.6"	15.80	18%
T-2510	1"/25.4	1.5"/0.6"	12.50	25%
T-3310	1"/25.4	1.625"/0.6"	13.50	33%
T-3810	1"/25.4	1.5"/0.6"	10.50	38%
T-1215	1.5"/38.1	1.5"/0.6"	19.80	12%
T-2515	1.5"/38.1	1.5"/0.6"	16.70	25%
T-3815	1.5"/38.1	1.5"/0.6"	14.20	38%
T-5015	1.5"/38.1	1"/0.6"	10.50	50%
T-3320	2"/50.8	1"/0.6"	21.80	33%
T-5020	2"/50.8	1"/0.6"	17.30	50%
HL-4020	2"/50.8	0.6"/0.6"	70.10	40%
HL-5020	2"/50.8	0.6"/0.6"	52.01	50%
HL-6020	2"/50.8	0.6"/0.6"	44.00	60%
HL-6520	2"/50.8	0.6"/0.6"	33.50	65%
HL-5825	2.5"/63.5	0.625"/0.625"	48.00	58%



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