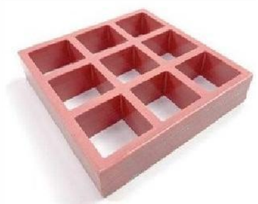
Fiberglass Molded Grating

Glass fiber reinforced plastic (abbreviated as FRP) molded grating is a plate-like material with a certain opening rate, which is made by a special process on a customized mold with unsaturated polyester resin (including isophthalic type, orthophthalic type, vinyl type and phenolic type, etc.) as the matrix and glass fiber roving as the skeleton.



Molded grille surface diagram



Polished smooth



Surface sanding



Surface groove



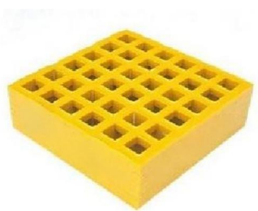
Sand covering board



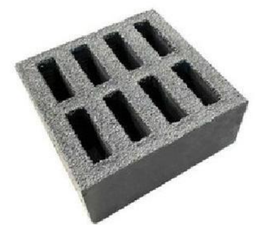
Patterned cover



Flat cover



Cross micro hole



Heavy Duty



Transparent grille

Specifications

Fiberglass Grating Product Specifications							
Thickness (mm)	Mesh size(mm)	ribs thick (mm) (up an down)	Apertur (mm)	Overall Sizes (mm)	Weight (kg/m²)	Weight (kg/whole board)	Load (kg/m²)
25	40*40	5.5/4.5	34*34	1220*3660,1000*4040	11	49.11/44.44	150
	38*38	7.0/5.0	31*31	1220*3660,1000*4040	12.5	55.82	200
	20*20/40*40	5.8/4.5	14.2*14.2	1247*4047	14.5	73.18	250
30	40*40	6.0/4.5	34*34	1220*3660,1000*4040	14	62.51	250
	38*38	7.0*5.0	31*31	1220*3600	15	66.98	300
38	40*40	6.0/4.5	34*34	1220*3660,1000*4040,1220*4920	17.5	78.14/70.7/105.14	1000
	38*38	7.0*5.0	31*31	1220*3600,1000*4040	19.5	87.07/78.78	1200
40	40*40	7.0*5.0	33*33	1207*3007,1007*3007	28	101.62/84.79	1500
50	50*50	7.0/5.0	43*43	1220*3600,1000*4040	23	102.70/92.92	1800
	38*38	7.0/5.0	31*31	1220*3600	26	116.1	3000
Cover Board	3mm				8		
	8mm				10		

Mounting accessories

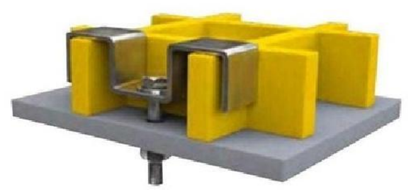
C-type clip



Grille	Grille mesh
Thickness	25mm/30mm/38mm/50mm

- Used to connect and fix two pieces of fiberglass grilles together
- M6 hexagon socket bolt
- Nuts hold it in place for easy installation 316 Stainless steel

M -type clip



Grille	Grille mesh	Pultruded grating
Thickness	25mm/30mm/38mm/50mm	25mm/38mm

- Fixes directly under the M8 bracket
- Bolts (length depends on grille thickness)
- Recessed bolts prevent tripping hazards

T -type clip



- Compatible with a wide range of bolt and screw types 316

Grille	Grille mesh
Thickness	25mm/30mm/38mm/50mm

- Fastens directly under supports
- M6 bolts (length depends on grille thickness)
- Recessed bolts prevent tripping hazards
- Compatible with a wide range of bolt and screw types 316

FRP Pultruded Grating

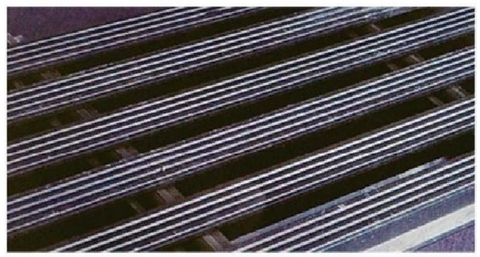
Pultruded grating uses pultruded profiles and T-profiles as load-bearing bars and connects them with solid rods. It is made through a certain degree of assembly. There is a certain distance between the load-bearing strips. The production of the load-bearing strips is produced and reinforced using resin-impregnated glass fiber yarns and glass fiber continuous mats. Then, by maintaining the specific cross-sectional shape of the mold in the mold and leaving the mold after curing, a pultruded product with an automated production process can be obtained.



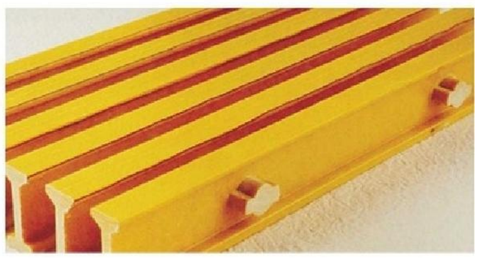
Product features

1. Fireproof and flame retardant
2. Low smoke and non-toxic
3. High temperature working environment
4. Good corrosion resistance
5. Low maintenance cost

Pultruded grating surface diagram



Anti-slip grooves



Polished smooth surface



Frosted cover



Frosted grille

Specifications

“I” type Pultruded Grid



Specifications	Height(mm)	Width(mm)	Center Distance(mm)	Bearing rod spacing(mm)	Opening rate(%)	Weight(kg/m²)
I-4010	25	15	25	10	40	17.6
I-5010	25	15	30	15	50	14.7
I-6010	25	6	38	22.5	60	11.3
I-4015	38	15	25	〃	40	22
I-5015	38	15	30	15	50	19
I-6015	38	15	38	22.5	60	16.1

“T”type Pultruded Grid

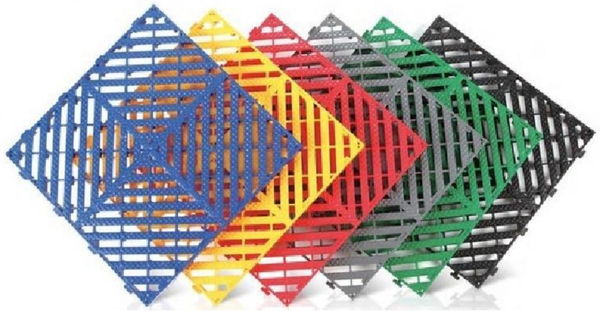


Specifications	Height(mm)	Width(mm)	Center Distance(mm)	Bearing rod spacing(mm)	Opening rate(%)	Weight(kg/m²)
T-1810	25	38	45	75	18	14.2
T-3310	25	38	50	12.5	33	12.2
T-3320	50	25	38	12.5	33	19.5
T-5020	50	25	50	25	50	15.2

PP splicing grating

The splicing grille material is made of a polymer polypropylene (PP) melt injection molding. The melting temperature of PP is about 160 degrees, the softening temperature is about 150 degrees, and the normal use range is below 80 degrees. It is extremely acid and alkali resistant and does not absorb water.

PP is a low-density material, light and can float on water, and has strong impact resistance. Physical inspection method: violent drop can effectively test the impact resistance, and bending and folding can test the toughness of the product. The use temperature range is -10℃-80℃ for ordinary models and -30℃-80℃ for customized models.



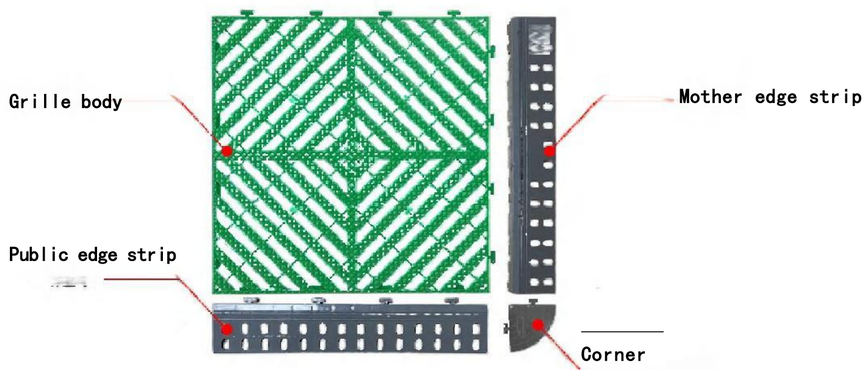
Product features

1、Good decorative effect and designability
2、Strong carrying capacity
3、Anti-slip feature
4、Drainage function
5、The construction is convenient, fast and simple
6、Chemically stable
7、Wide range of usage

Specifications

Thickness(cm)	Specification(mm)	kg/PCS	PC/Carton	Hole distance front(mm)
2.0cm	40*40*2.0cm	0.456kg	42	8
3.0cm	40*40*3.0cm	0.57kg	30	12
4.0cm	40*40*4.0cm	0.584kg	24	12
5.0cm	50*50*5.0cm	1.1kg	22	12

Product Matching



Application

Spliced grilles are widely used in the decoration of automobile 4S stores, exhibition halls, car washes, drainage decoration floors, home floor decoration, overall floor construction and decoration of exhibition venues, public places and commercial places, bathing centers, water parks, etc.





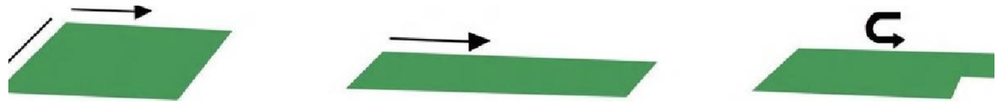




Laying method



Fan-shaped laying method: Place the first product along the corner. After laying is completed, the cutting plan can be determined based on the remaining material.



Rectangular laying method: Place the first product along the corner of the wall, with the two sides of the product flat directly against the two sides of the wall, and the locks on both sides facing outward. Keep the locks on both sides facing outward and extend to the right. After the first row is laid, continue to lay the next row. After the laying is completed, the cutting plan can be determined according to the remaining conditions.