

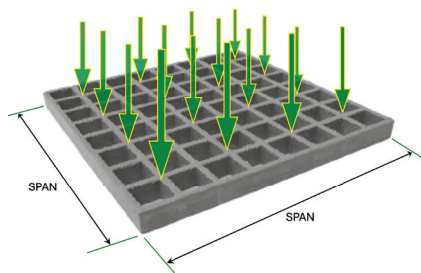
Load Deflection Tables

Structural FRP Australia Moulded Fibreglass Grating

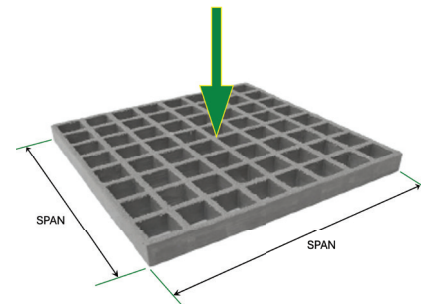
Note: 1. The loads were calculated at the weight required (kg) to create a deflection of L/125 (L = span width). This deflection L/125 equates to 0.75% deflection of the span width. The custom designed applicability is to be tested individually.

Note: 2. The load data provided is for a general use only, as actual environment and operational conditions are beyond our control. For these reasons, Structural FRP Australia cannot guarantee that actual performance will correspond to the above load tables.

Product Code	Mesh Thickness (mm)	Mesh Height (mm)	300mm Span		450mm Span		600mm Span		750mm Span		900mm Span		1000mm Span		1200mm Span	
			Uniform Load (kg)	Concentrated Load (kg)	Uniform Load (kg)	Concentrated Load (kg)	Uniform Load (kg)	Concentrated Load (kg)	Uniform Load (kg)	Concentrated Load (kg)	Uniform Load (kg)	Concentrated Load (kg)	Uniform Load (kg)	Concentrated Load (kg)	Uniform Load (kg)	Concentrated Load (kg)
PG-I2538	25	38	5,370	642	1,930	453	710	318	366	205	195	180	140	126	105	92
PG-I2519CGF MiniMesh	25	19	7,286	674	2,228	476	880	334	445	215	260	189	195	132	110	97
PG-I2319CGS9 MiniMesh	23	19	7,286	674	2,228	476	880	334	445	215	260	189	195	132	110	97
PG-I3838	38	38	23,132	1,455	6,790	1,020	2,825	725	1,404	521	859	430	605	317	390	275
PG-V3838YG Highest corrosion Resistance	38	38	23,132	1,455	6,790	1,020	2,825	725	1,404	521	859	430	605	317	390	275
PG-I3819CGF MiniMesh	38	38	24,643	1,530	7,130	1,070	2,966	762	1,475	547	902	455	636	333	410	290
PG-I5050	50	50	48,880	3,400	15,485	1,862	6,800	1,180	3,425	803	2,100	568	1,510	460	850	324



Uniform Load



Concentrated Load

