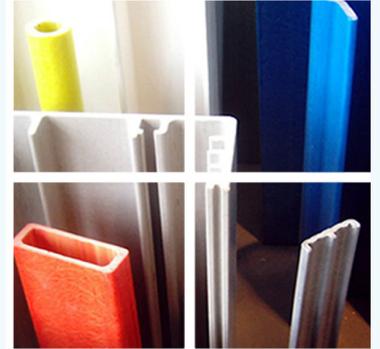
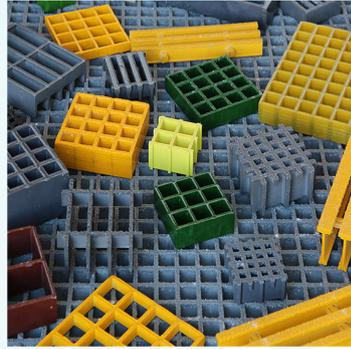
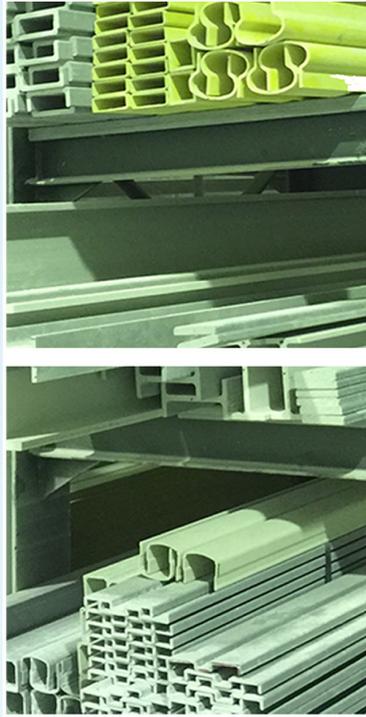


# C A T A L O G O



# Grating Overloads

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# Technical Drawing

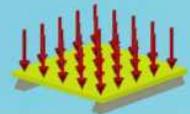


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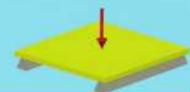
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## Overload Tables



OVERLOAD CHARTS UNIFORMLY DISTRIBUTED OVERLOAD CHARTS (Kg/m <sup>2</sup> )		Distance between supports (mm)						
Reference	Description	300	450	600	750	900	1000	1200
IBP.GA_ISO25M3838	Grating ISO25	5370	1930	710	366	195	140	105
IBP.GA_ISO25M10025	Grating ISO25 Mesh 100X25	10415	2105	747	567	415	300	175
IBP.GA_ISO30M3838	Grating ISO30	11290	3334	1405	863	425	352	205
IBP.GA_ISO38M2020	Grating ISO30 Mini Mesh	11854	3507	1475	906	447	369	215
IBP.GA_ISO38M3838	Grating ISO38	23132	6790	2825	1404	859	606	390
IBP.GA_ISO50M5050	Grating ISO50	48800	15485	6800	3425	2100	1510	850
IBP.GA_ISO60M3838	Grating ISO60 - High Loads	119890	38230	16230	8530	4930	3435	2085
IBP.GAT_ISO30M3838	Grating ISO30 -Translucent	11290	3334	1405	863	425	352	205
IBP.PVA_ISO13M5050	Grating ISO13 - Sealing Panel	2148	772	284	146	78	56	42
IBP.GT_ISO28M3838	Grating ISO28 -Covered	6175	2220	816	420	225	162	119
IBP.GT_ISO33M3838	Grating ISO33 -Covered	12983	3834	1615	992	489	405	236
IBP.GT_ISO41M3838	Grating ISO41 -Covered	25863	7808	3248	1615	987	695	448

**Note:** Overload values for a maximum flexion of  $L / 125$ , where L is the distance between supports.



OVERLOAD CHARTS CONCENTRATED LOADS (Kg)		Distance between supports (mm)						
Reference	Description	300	450	600	750	900	1000	1200
IBP.GA_ISO25M3838	Grating ISO25	642	453	318	205	180	126	92
IBP.GA_ISO25M10025	Grating ISO25 Mesh 100X25	734	502	376	245	192	151	114
IBP.GA_ISO30M3838	Grating ISO30	816	552	427	301	203	175	136
IBP.GA_ISO38M2020	Grating ISO30 Mini Mesh	856	580	448	316	213	184	143
IBP.GA_ISO38M3838	Grating ISO38	1455	1020	725	521	430	317	275
IBP.GA_ISO50M5050	Grating ISO50	3400	1862	1180	803	568	460	324
IBP.GA_ISO60M3838	Grating ISO60 - High Loads	7511	4356	2908	2012	1442	1141	829
IBP.GAT_ISO30M3838	Grating ISO30 -Translucent	816	552	427	301	203	175	136
IBP.PVA_ISO13M5050	Grating ISO13 - Sealing Panel	256	181	127	82	72	50	37
IBP.GT_ISO28M3838	Grating ISO28 -Covered	738	520	365	235	207	145	100
IBP.GT_ISO33M3838	Grating ISO33 -Covered	938	634	492	346	234	202	157
IBP.GT_ISO41M3838	Grating ISO41 -Covered	1664	1170	833	601	495	364	317

**Note:** Overload values for a maximum flexion of  $L / 125$ , where L is the distance between supports.

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