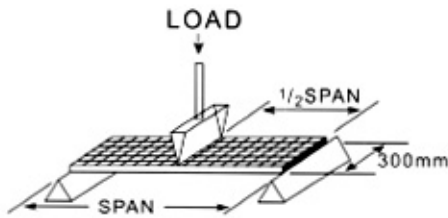
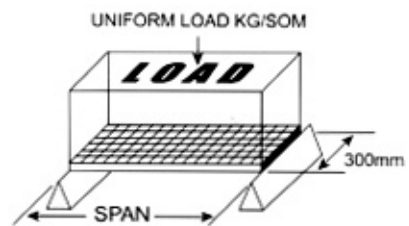


LOADING TABLES



CONCENTRATED LOAD, 300mm WIDE STRIP



UNIFORM LOAD

25mm thick, 38x38mm mesh

Span (mm)	Load, kg/m in width					Max. Recommended Load (kg)²	Ultimate Load (kg)²
	149	373	745	1118	1490		
457	0.362	0.921	1.861			1639	8201
610	0.491	1.208	2.412			1037	5185
914	0.896	2.266	4.584			827	4100
1219	1.464	3.740	7.480			615	3075

25mm thick, 38x38mm mesh

Span (mm)	Load, kg/sqm in width					Max.	Ultimate
	488	1220	2440	3660	4880		
457	0.226	0.576	1.163			8588	42975
610	0.407	1.321	2.489			5436	27172
914	1.003	4.597	9.296			4296	21488
1219	1.290	10.913	22.051			3221	16516

38mm thick, 38x38mm mesh

Span (mm)	Load, kg/m in width					Max. Recommended Load (kg)²	Ultimate Load (kg)²
	149	373	745	1118	1490		
457	0.182	0.322	0.547	0.782	1.007	2357	12780
610	0.432	0.762	1.295	1.854	2.388	1918	9585
914	1.114	2.293	5.008	6.258		1278	6390
1219	2.642	6.147	12.014			1012	5056
1372	3.761	8.752	17.106			712	3558

38mm thick, 38x38mm mesh

Span (mm)	Load, kg/sqm in width					Max. Recommended Load (kg)²	Ultimate Load (kg)²
	488	1220	2440	3660	4880		
457	0.114	0.201	0.342	0.489	0.630	13399	66972
610	0.270	0.483	0.813	1.168	1.499	10049	50229
914	0.697	1.421	3.168	3.911		6699	33486
1219	1.651	3.842	7.509			5302	26493
1372	2.351	5.470	10.941			3721	18643

50mm thick, 50x50mm mesh

Span (mm)	Load, kg/m in width					Max. Recommended Load (kg)²	Ultimate Load (kg)²
	149	298	745	1118	1490		
457	0.064	0.133	0.337	0.508	0.680	4798	23995
610	0.181	0.359	0.899	1.316	1.797	3779	16900
914	0.508	1.067	2.692	4.064	5.456	2399	11997
1219	1.448	2.870	7.188	10.770	14.376	1690	8450
1372	2.061	4.087	10.215	15.324	20.470	1500	7511

50mm thick, 50x50mm mesh

Span (mm)	Load, kg/sqm in width					Max. Recommended Load (kg)²	Ultimate Load (kg)²
	488	976	2440	3660	4880		
457	0.040	0.081	0.210	0.318	0.425	25142	125740
610	0.113	0.224	0.562	0.841	1.123	17709	88558
914	0.318	0.636	1.683	2.540	3.397	12571	62870
1219	0.905	1.794	4.496	6.731	8.985	8854	44279
1372	1.288	2.554	6.397	9.584	12.794	7870	39359

40mm thick, 40x40(20x20) mm mesh

Span (mm)	Load, kg/m in width					Max. Recommended Load (kg)²	Ultimate Load (kg)²
	149	373	745	1118	1490		
457	0.210	0.472	0.959	1.426	1.896	2944	14718
610	0.635	1.194	2.334	3.073	4.013	2201	11001
914	1.676	3.937	7.671	11.405	15.164	1472	7359
1219	3.974	9.232	18.465	27.015	35.944	1104	5521
1372	5.658	12.887	25.889	38.491	51.178	981	4906

40mm thick, 40x40(20x20) mm mesh

Span (mm)	Load, kg/sqm in width					Max. Recommended Load (kg)²	Ultimate Load (kg)²
	488	1220	2440	3660	4880		
457	0.131	0.308	0.599	0.891	1.185	15429	77127
610	0.397	0.746	1.334	1.921	2.508	11532	57646
914	1.048	2.061	4.794	7.128	9.477	7714	38564
1219	2.884	5.833	11.364	16.896	22.465	5786	28923
1372	3.936	8.325	16.181	24.057	31.986	5143	25709

- Maximum load represents a 5:1 factor of safety on Ultimate Load Capacity
- Ultimate Load Capacity represents failure of the grating (failure defined as significant drop in load carrying capability of the grating)
- Above load and deflection data are from actual test data done in US. The test was conducted at ambient temperatures.
- The load and deflection data provided above are intended guidelines only, in the purpose to help determine the proper grating size for the application. The change of resin system, surface and performance environment may alter the loading data. In that case, we can not be responsible for the performance of the grating under different conditions.