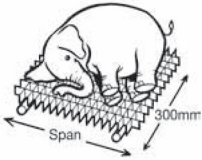


Fibreglass Grating

Load Deflection Tables - Moulded Fibreglass Grating



MOULDED FIBREGLASS GRATING - Deflection sheet for uniform load (300mm wide)

Span (mm)	Mesh Size (mm)	Height (mm)	Uniform Load (kg/m ²)							Uniform Load under 1% deflection (kg/m ²)
			98	122	244	367	489	733	977	
305	38 x 38	15	0.29	0.36	0.73	1.1	1.46	2.19	2.93	1020
	38 x 38	25	0.06	0.08	0.15	0.23	0.29	0.46	0.6	4956
	25 x 100	25	0.03	0.03	0.06	0.1	0.13	0.19	0.26	11637
	40 x 40	25	0.07	0.09	0.17	0.26	0.34	0.51	0.69	4336
	38 x 38	38	0.02	0.03	0.05	0.08	0.11	0.16	0.21	14270
	25 x 152	38	0.01	0.02	0.03	0.05	0.07	0.1	0.14	21450
	40 x 40	40	0.02	0.02	0.05	0.07	0.1	0.15	0.19	15210
457	38 x 38	15	0.74	0.92	1.84	2.77	3.69	5.53	7.37	606
	38 x 38	25	0.15	0.19	0.39	0.56	0.76	1.14	1.52	2943
	25 x 100	25	0.09	0.12	0.25	0.36	0.48	0.73	0.96	4656
	40 x 40	25	0.17	0.22	0.43	0.65	0.89	1.31	1.73	2575
	40 x 40 (20 x 20)	30	0.09	0.11	0.21	0.31	0.43	0.65	0.87	5131
	25 x 152	38	0.04	0.05	0.09	0.14	0.18	0.27	0.37	12244
	40 x 40	40	0.05	0.07	0.13	0.2	0.26	0.41	0.53	8441
	40 x 40 (20 x 20)	40	0.03	0.05	0.09	0.14	0.18	0.27	0.37	12162
50 x 50	50	0.03	0.03	0.07	0.11	0.14	0.22	0.29	15964	
610	38 x 38	15	2.37	2.95	5.91	8.89	-	-	-	252
	38 x 38	25	0.49	0.61	1.21	1.84	2.44	3.65	4.87	1224
	25 x 100	25	0.29	0.37	0.73	1.1	1.47	2.21	2.93	2035
	40 x 40	25	0.5	0.62	1.25	1.87	2.51	3.75	4.99	1194
	40 x 40 (20 x 20)	30	0.29	0.36	0.72	1.08	1.44	2.18	2.87	2069
	38 x 38	38	0.14	0.18	0.37	0.55	0.73	1.08	1.44	4140
	25 x 152	38	0.1	0.12	0.25	0.37	0.47	0.72	0.97	6210
	40 x 40	40	0.12	0.15	0.31	0.46	0.61	0.92	1.23	4889
	40 x 40 (20 x 20)	40	0.12	0.15	0.3	0.46	0.59	0.91	1.21	4904
	50 x 50	50	0.08	0.1	0.19	0.3	0.4	0.61	0.79	7461

continued overleaf >

Sui Generis International Ltd.

The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF

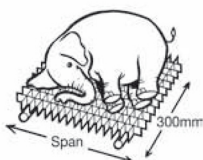
Tel: 01206 798 798
Fax: 01206 866 666
Email: info@suigeneris.co.uk
www.suigeneris.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating

Fibreglass Grating

Load Deflection Tables - Moulded Fibreglass Grating



MOULDED FIBREGLASS GRATING - Deflection sheet for uniform load (300mm wide) continued

Span (mm)	Mesh Size (mm)	Height (mm)	Uniform Load (kg/m ²)							Uniform Load under 1% deflection (kg/m ²)
			98	122	244	367	489	733	977	
914	38 x 38	25	2.26	2.81	5.62	8.45	11.25	-	-	397
	25 x 100	25	1.57	1.95	3.92	5.86	7.82	11.73	-	572
	40 x 40	25	2.53	3.15	6.31	9.48	-	-	-	354
	40 x 40 (20 x 20)	30	1.24	1.56	3.1	4.67	6.22	9.34	12.43	718
	25 x 152	38	0.42	0.52	1.05	1.57	2.12	3.15	4.19	2131
	40 x 40	40	0.62	0.77	1.56	2.31	3.08	4.62	6.15	1452
	40 x 40 (20 x 20)	40	0.53	0.66	1.31	1.97	2.63	3.92	5.26	1700
50 x 50	50	0.35	0.44	0.87	1.32	1.76	2.63	3.51	2545	
1000	25 x 100	25	2.19	2.73	5.45	8.21	10.94	-	-	447
	40 x 40	25	3.55	4.42	8.86	-	-	-	-	276
	40 x 40 (20 x 20)	30	1.88	2.34	4.67	7.06	9.4	-	-	520
	40 x 40	40	0.86	1.08	2.15	3.24	4.32	6.47	8.62	1133
	40 x 40 (20 x 20)	40	0.79	0.99	1.97	2.95	3.96	5.94	7.91	1234
1219	25 x 152	38	1.42	1.76	3.52	5.3	7.06	10.59	-	844
	40 x 40	40	1.81	2.25	4.51	6.77	9.02	13.52	-	661
	40 x 40 (20 x 20)	40	1.75	2.19	4.37	6.58	8.75	13.14	-	680
	50 x 50	50	1.08	1.35	2.69	4.05	5.39	8.09	10.78	1105
1372	38 x 38	38	3.41	4.25	8.52	12.95	-	-	-	394
	25 x 152	38	2.27	2.83	5.65	8.51	11.33	-	-	592
	50 x 50	50	1.73	2.16	4.34	6.51	8.67	12.97	-	775
1524	38 x 38	38	5.18	6.46	12.91	-	-	-	-	288
	25 x 152	38	3.46	4.3	8.61	12.95	-	-	-	432
	50 x 50	50	2.64	3.29	6.58	9.9	13.19	-	-	565

Sui Generis International Ltd.

The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF

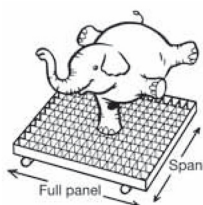
Tel: 01206 798 798
Fax: 01206 866 666
Email: info@suigeneris.co.uk
www.suigeneris.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating

Fibreglass Grating

Load Deflection Tables - Moulded Fibreglass Grating



MOULDED FIBREGLASS GRATING - Deflection sheet for point load (full panel)

Span (mm)	Mesh Size (mm)	Height (mm)	Point Load (kg)							Point Load under 1% deflection (kg)
			45	114	227	341	454	681	908	
305	38 x 38	25	0.13	0.34	0.66	0.97	1.32	1.97	2.64	1050
	25 x 100	25	0.12	0.3	0.58	0.82	1.15	1.55	2.1	1242
	38 x 38	38	0.12	0.28	0.39	0.56	0.73	1.12	1.48	1909
	40 x 40	40	0.1	0.25	0.4	0.59	0.73	1.03	1.46	1909
457	25 x 100	25	0.31	0.73	1.43	2.15	2.78	4.14	5.47	715
	38 x 38	38	0.15	0.35	0.67	0.92	1.21	1.73	2.23	1611
	40 x 40	40	0.15	0.34	0.66	0.94	1.23	1.87	2.35	1622
	50 x 50	50	0.03	0.12	0.26	0.36	0.47	0.48	0.69	6669
610	38 x 38	25	0.78	1.65	3.43	6.16	7.17	10.26	12.88	338
	25 x 100	25	0.75	1.65	3.28	4.76	6.24	9.22	-	420
	38 x 38	38	0.3	0.67	1.3	1.79	2.31	3.48	4.61	1211
	40 x 40	40	0.21	0.49	0.98	1.45	1.9	2.89	3.7	1421
	50 x 50	50	0.11	0.27	0.56	0.83	1.1	1.65	2.16	2580
914	38 x 38	25	1.83	4.58	9.85	13.52	-	-	-	187
	25 x 100	25	1.73	4.12	8.08	12.1	-	-	-	250
	38 x 38	38	0.65	1.56	3.03	4.27	5.48	9.13	10.86	688
	40 x 40	40	0.63	1.51	2.9	4.3	5.4	8.56	10.37	710
	50 x 50	50	0.31	0.78	1.56	2.35	3.16	4.75	6.39	1313
1000	25 x 100	25	2.13	5.07	9.96	14.96	-	-	-	228
	40 x 40	40	0.66	1.71	3.38	5.06	6.77	10.08	13.37	674
1219	38 x 38	25	3.15	7.82	15.68	-	-	-	-	142
	38 x 38	38	0.95	2.41	4.71	6.9	9.12	13.55	-	526
	40 x 40	40	0.92	2.35	4.68	7.04	9.38	12.66	-	532
	50 x 50	50	0.57	1.45	2.88	4.3	5.77	8.55	11.34	959
1372	38 x 38	38	1.49	3.79	7.58	11.3	-	-	-	415
	50 x 50	50	0.83	2.09	4.15	6.21	8.26	-	-	757
1473	38 x 38	38	1.86	4.72	9.32	-	-	-	-	360
	50 x 50	50	1.07	2.69	5.12	7.76	10.29	-	-	656
1524	50 x 50	50	1.21	2.96	5.84	8.57	-	-	-	613

Sui Generis International Ltd.

The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF

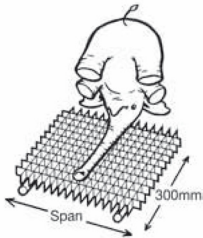
Tel: 01206 798 798
Fax: 01206 866 666
Email: info@suigeneris.co.uk
www.suigeneris.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating

Fibreglass Grating

Load Deflection Tables - Moulded Fibreglass Grating



MOULDED FIBREGLASS GRATING - Deflection sheet for concentrated line load (300mm wide)

Span (mm)	Mesh Size (mm)	Height (mm)	Uniform Load (kg/300mm)							Concentrated Line Load under 1% deflection (kg/300mm)
			45	114	227	341	454	681	908	
305	38 x 38	15	0.98	2.49	4.96	7.43	9.88	-	-	140
	38 x 38	25	0.24	0.51	1.02	1.52	2.03	3.03	4.05	683
	25 x 100	25	0.14	0.34	0.69	1.02	1.36	2.05	2.73	1015
	40 x 40	25	0.27	0.69	1.37	2.06	2.75	4.1	5.5	505
	38 x 38	38	0.1	0.24	0.49	0.71	0.95	1.42	1.9	1457
	25 x 152	38	0.09	0.17	0.32	0.48	0.63	0.96	1.27	2185
	40 x 40	40	0.09	0.22	0.45	0.65	0.89	1.33	1.77	1567
	50 x 50	50	0.06	0.16	0.31	0.48	0.63	0.95	1.27	2183
457	38 x 38	15	3.37	8.54	-	-	-	-	-	61
	38 x 38	25	0.69	1.75	3.49	5.25	6.99	10.49	-	297
	25 x 100	25	0.43	1.08	2.17	3.25	4.33	6.5	8.65	479
	40 x 40	25	0.82	2.07	4.12	6.18	8.23	12.35	-	252
	40 x 40 (20 x 20)	30	0.42	1.07	2.12	3.19	4.24	6.36	8.49	489
	38 x 38	38	0.21	0.52	1.04	1.57	2.07	3.12	4.16	998
	25 x 152	38	0.15	0.37	0.74	1.12	1.47	2.21	2.95	1407
	40 x 40	40	0.2	0.51	1.01	1.51	2.01	3.03	4.02	1032
	40 x 40 (20 x 20)	40	0.18	0.45	0.9	1.34	1.79	2.69	3.57	1159
50 x 50	50	0.13	0.33	0.67	1.01	1.33	2.01	2.67	1552	
610	38 x 38	15	8.33	-	-	-	-	-	-	33
	38 x 38	25	1.74	4.4	8.76	-	-	-	-	158
	25 x 100	25	1.11	2.8	5.58	8.39	11.17	-	-	248
	40 x 40	25	1.77	4.49	8.93	13.42	-	-	-	155
	40 x 40 (20 x 20)	30	1.08	2.75	5.47	8.22	10.95	-	-	253
	38 x 38	38	0.5	1.26	2.51	3.77	5.02	7.53	10.03	552
	25 x 152	38	0.35	0.88	1.75	2.63	3.51	5.26	7.01	790
	40 x 40	40	0.47	1.18	2.38	3.54	4.72	7.08	9.45	587
	40 x 40 (20 x 20)	40	0.46	1.16	2.31	3.47	4.62	6.93	9.25	599
	50 x 50	50	0.31	0.77	1.55	2.32	3.08	4.64	6.18	896

continued overleaf >

Sui Generis International Ltd.

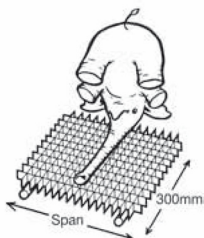
The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF
Tel: 01206 798 798
Fax: 01206 866 666
Email: info@suigeneris.co.uk
www.suigeneris.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating

Fibreglass Grating

Load Deflection Tables - Moulded Fibreglass Grating



MOULDED FIBREGLASS GRATING - Deflection sheet for concentrated line load (300mm wide) continued

Span (mm)	Mesh Size (mm)	Height (mm)	Uniform Load (kg/300mm)							Concentrated Line Load under 1% deflection (kg/300mm)
			45	114	227	341	454	681	908	
914	38 x 38	25	5.79	-	-	-	-	-	-	71
	25 x 100	25	3.92	9.92	-	-	-	-	-	105
	40 x 40	25	6.14	-	-	-	-	-	-	67
	40 x 40 (20 x 20)	30	3.19	8.08	-	-	-	-	-	129
	38 x 38	38	1.68	4.25	8.47	12.72	-	-	-	245
	25 x 152	38	1.17	2.96	5.89	8.85	11.79	-	-	352
	40 x 40	40	1.5	3.79	7.54	11.33	-	-	-	275
	40 x 40 (20 x 20)	40	1.35	3.42	6.8	10.22	13.6	-	-	305
	50 x 50	50	0.99	2.49	4.97	7.47	9.95	14.93	-	417
1000	25 x 100	25	5	12.67	-	-	-	-	-	90
	40 x 40	25	7.89	-	-	-	-	-	-	57
	40 x 40 (20 x 20)	30	4.09	10.36	-	-	-	-	-	110
	40 x 40	40	1.94	4.91	9.78	-	-	-	-	232
	40 x 40 (20 x 20)	40	1.73	4.38	8.73	13.11	-	-	-	260
1219	38 x 38	38	4	10.14	-	-	-	-	-	137
	25 x 152	38	2.77	7.02	13.97	-	-	-	-	198
	40 x 40	40	3.98	10.07	-	-	-	-	-	138
	40 x 40 (20 x 20)	40	3.13	7.94	15.81	-	-	-	-	175
	50 x 50	50	2.3	5.84	11.63	-	-	-	-	238
1372	38 x 38	38	5.72	14.48	-	-	-	-	-	108
	25 x 152	38	3.96	10.03	-	-	-	-	-	156
	50 x 50	50	3.28	8.32	16.57	-	-	-	-	188
1524	38 x 38	38	7.79	-	-	-	-	-	-	88
	25 x 152	38	5.44	13.79	-	-	-	-	-	126
	50 x 50	50	4.51	11.43	-	-	-	-	-	152

Sui Generis International Ltd.

The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF

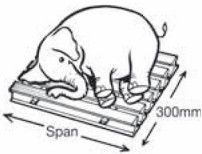
Tel: 01206 798 798
Fax: 01206 866 666
Email: info@suigeneris.co.uk
www.suigeneris.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating

Fibreglass Grating

Load Deflection Tables - Pultruded Fibreglass Grating



PULTRUDED FIBREGLASS GRATING - Deflection sheet for uniform load (300mm wide)

Span (mm)	Type (mm)	Height (mm)	Uniform Load (kg/m ²)								
			489	977	1466	1955	2443	3665	4887	9774	14660
305	I - 40 - 25	25	0.03	0.06	0.09	0.12	0.15	0.23	0.31	0.61	0.92
	I - 50 - 25	25	0.04	0.07	0.11	0.15	0.19	0.28	0.37	0.74	1.11
	I - 60 - 25	25	0.05	0.09	0.14	0.19	0.24	0.35	0.47	0.94	1.41
	I - 40 - 38	38	0.01	0.02	0.03	0.04	0.05	0.08	0.11	0.21	0.32
	I - 50 - 38	38	0.01	0.03	0.04	0.05	0.06	0.1	0.13	0.26	0.39
	I - 60 - 38	38	0.02	0.03	0.05	0.07	0.08	0.12	0.16	0.33	0.49
	T - 33 - 50	50	0.01	0.01	0.02	0.03	0.03	0.05	0.07	0.14	0.21
	T - 50 - 50	50	0.01	0.02	0.03	0.04	0.04	0.07	0.09	0.18	0.27
457	I - 40 - 25	25	0.14	0.28	0.42	0.56	0.7	1.04	1.39	2.79	4.18
	I - 50 - 25	25	0.17	0.34	0.51	0.68	0.84	1.27	1.69	3.38	5.07
	I - 60 - 25	25	0.21	0.43	0.64	0.86	1.07	1.61	2.14	4.29	6.43
	I - 40 - 38	38	0.05	0.1	0.15	0.2	0.25	0.38	0.5	1.01	1.51
	I - 50 - 38	38	0.06	0.12	0.18	0.24	0.3	0.46	0.61	1.22	1.83
	I - 60 - 38	38	0.08	0.15	0.23	0.31	0.39	0.58	0.77	1.55	2.32
	T - 33 - 50	50	0.03	0.07	0.1	0.13	0.17	0.25	0.33	0.67	1
	T - 50 - 50	50	0.04	0.09	0.13	0.17	0.22	0.33	0.43	0.87	1.3
610	I - 40 - 25	25	0.41	0.83	1.24	1.66	2.07	3.11	4.15	8.29	12.44
	I - 50 - 25	25	0.5	1.01	1.51	2.01	2.51	3.77	5.03	10.05	15.08
	I - 60 - 25	25	0.64	1.28	1.91	2.55	3.19	4.78	6.38	12.76	
	I - 40 - 38	38	0.15	0.31	0.46	0.62	0.77	1.16	1.54	3.08	4.62
	I - 50 - 38	38	0.19	0.37	0.56	0.75	0.93	1.4	1.87	3.74	5.61
	I - 60 - 38	38	0.24	0.47	0.71	0.95	1.19	1.78	2.37	4.74	7.11
	T - 33 - 50	50	0.1	0.21	0.31	0.42	0.52	0.78	1.04	2.08	3.12
	T - 50 - 50	50	0.14	0.27	0.41	0.54	0.68	1.01	1.35	2.7	4.05

continued overleaf >

Sui Generis International Ltd.

The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF

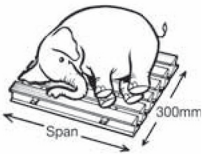
Tel: 01206 798 798
Fax: 01206 866 666
Email: info@sui generis.co.uk
www.sui generis.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating

Fibreglass Grating

Load Deflection Tables - Pultruded Fibreglass Grating



PULTRUDED FIBREGLASS GRATING - Deflection sheet for uniform load (300mm wide) continued

Span (mm)	Type (mm)	Height (mm)	Uniform Load (kg/m ²)								
			489	977	1466	1955	2443	3665	4887	9774	14660
914	I - 40 - 25	25	1.92	3.84	5.76	7.68	9.6	14.4			
	I - 50 - 25	25	2.33	4.65	6.98	9.31	11.64	17.46			
	I - 60 - 25	25	2.96	5.91	8.86	11.82	14.77				
	I - 40 - 38	38	0.72	1.44	2.17	2.89	3.61	5.42	7.22	14.45	
	I - 50 - 38	38	0.88	1.75	2.63	3.5	4.38	6.57	8.75	17.51	
	I - 60 - 38	38	1.11	2.22	3.33	4.44	5.55	8.33	11.11		
	T - 33 - 50	50	0.5	1	1.49	1.99	2.49	3.74	4.98	9.96	14.95
T - 50 - 50	50	0.65	1.29	1.94	2.59	3.24	4.86	6.48	12.95		
1219	I - 40 - 25	25	5.82	11.62	17.44						
	I - 50 - 25	25	7.05	14.09							
	I - 60 - 25	25	8.95	17.88							
	I - 40 - 38	38	2.23	4.45	6.68	8.91	11.14	16.71			
	I - 50 - 38	38	2.7	5.4	8.1	10.8	13.5				
	I - 60 - 38	38	3.43	6.85	10.28	13.71	17.13				
	T - 33 - 50	50	1.52	3.04	4.56	6.07	7.59	11.39	15.19		
T - 50 - 50	50	1.98	3.95	5.92	7.9	9.87	14.8				
1372	I - 40 - 38	38	3.53	7.06	10.59	14.13	17.65				
	I - 50 - 38	38	4.28	8.56	12.84	17.12					
	I - 60 - 38	38	5.44	10.86	16.3						
	T - 33 - 50	50	2.4	4.79	7.19	9.59	11.98	17.98			
	T - 50 - 50	50	3.12	6.23	9.35	12.46	15.58				
1524	I - 40 - 38	38	5.31	10.62	15.93						
	I - 50 - 38	38	6.44	12.87							
	I - 60 - 38	38	8.17	16.33							
	T - 33 - 50	50	3.63	7.25	10.87	14.5	18.12	18.12			
	T - 50 - 50	50	4.72	9.42	14.14	18.85					
1676	T - 33 - 50	50	5.2	10.4	15.6						
	T - 50 - 50	50	6.77	13.52							

Sui Generis International Ltd.

The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF

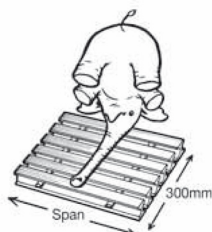
Tel: 01206 798 798
Fax: 01206 866 666
Email: info@suigeneris.co.uk
www.suigeneris.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating

Fibreglass Grating

Load Deflection Tables - Pultruded Fibreglass Grating



PULTRUDED FIBREGLASS GRATING - Deflection sheet for concentrated line load (kg/300mm wide)

Span (mm)	Type	Height (mm)	Concentrated Line Load (kg/300mm)								
			45	91	136	182	227	341	454	908	1362
305	I - 40 - 25	25	0.05	0.1	0.15	0.2	0.25	0.37	0.5	1	1.49
	I - 50 - 25	25	0.06	0.12	0.18	0.24	0.3	0.45	0.6	1.19	1.79
	I - 60 - 25	25	0.07	0.15	0.22	0.3	0.37	0.56	0.75	1.49	2.24
	I - 40 - 38	38	0.02	0.03	0.05	0.07	0.09	0.13	0.17	0.35	0.52
	I - 50 - 38	38	0.02	0.05	0.07	0.09	0.12	0.18	0.23	0.47	0.7
	I - 60 - 38	38	0.03	0.05	0.08	0.1	0.13	0.2	0.26	0.52	0.78
	T - 33 - 50	50	0.01	0.02	0.03	0.04	0.05	0.08	0.11	0.22	0.33
	T - 50 - 50	50	0.01	0.03	0.04	0.06	0.07	0.11	0.15	0.29	0.44
457	I - 40 - 25	25	0.15	0.3	0.45	0.61	0.76	1.13	1.51	3.02	4.53
	I - 50 - 25	25	0.18	0.36	0.54	0.73	0.91	1.36	1.81	3.63	5.44
	I - 60 - 25	25	0.22	0.45	0.68	0.91	1.13	1.7	2.27	4.53	6.8
	I - 40 - 38	38	0.05	0.11	0.16	0.22	0.27	0.41	0.55	1.09	1.64
	I - 50 - 38	38	0.06	0.13	0.2	0.26	0.33	0.49	0.65	1.31	1.96
	I - 60 - 38	38	0.08	0.16	0.25	0.33	0.41	0.61	0.82	1.64	2.45
	T - 33 - 50	50	0.04	0.07	0.11	0.14	0.18	0.27	0.35	0.71	1.06
	T - 50 - 50	50	0.05	0.09	0.14	0.19	0.24	0.35	0.47	0.94	1.41
610	I - 40 - 25	25	0.33	0.68	1.01	1.35	1.68	2.53	3.37	6.74	10.11
	I - 50 - 25	25	0.4	0.81	1.21	1.62	2.02	3.04	4.04	8.08	12.13
	I - 60 - 25	25	0.5	1.01	1.51	2.03	2.53	3.8	5.05	10.11	15.16
	I - 40 - 38	38	0.12	0.25	0.38	0.5	0.63	0.94	1.25	2.5	3.76
	I - 50 - 38	38	0.15	0.3	0.45	0.6	0.75	1.13	1.5	3.01	4.51
	I - 60 - 38	38	0.19	0.38	0.56	0.75	0.94	1.41	1.88	3.76	5.63
	T - 33 - 50	50	0.08	0.16	0.25	0.33	0.41	0.62	0.82	1.65	2.47
	T - 50 - 50	50	0.11	0.22	0.33	0.44	0.55	0.82	1.1	2.19	3.29

continued overleaf >

Sui Generis International Ltd.

The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF

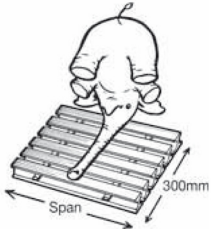
Tel: 01206 798 798
Fax: 01206 866 666
Email: info@sui generis.co.uk
www.sui generis.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating

Fibreglass Grating

Load Deflection Tables - Pultruded Fibreglass Grating



PULTRUDED FIBREGLASS GRATING - Deflection sheet for concentrated line load (kg/300mm wide) continued

Span (mm)	Type (mm)	Height (mm)	Concentrated Line Load (kg/300mm)								
			45	91	136	182	227	341	454	908	1362
914	I - 40 - 25	25	1.03	2.09	3.12	4.17	5.21	7.82	10.41		
	I - 50 - 25	25	1.24	2.5	3.74	5.01	6.25	9.38	12.49		
	I - 60 - 25	25	1.55	3.13	4.68	6.26	7.81	11.73	15.62		
	I - 40 - 38	38	0.39	0.78	1.17	1.57	1.96	2.94	3.92	7.83	11.75
	I - 50 - 38	38	0.47	0.94	1.41	1.88	2.35	3.53	4.7	9.4	14.09
	I - 60 - 38	38	0.58	1.18	1.76	2.35	2.94	4.41	5.87	11.75	17.62
	T - 33 - 50	50	0.26	0.53	0.79	1.06	1.32	1.98	2.63	5.27	7.9
T - 50 - 50	50	0.35	0.7	1.05	1.41	1.76	2.64	3.51	7.02	10.53	
1219	I - 40 - 25	25	2.36	4.76	7.12	9.53	11.88	17.85			
	I - 50 - 25	25	2.83	5.72	8.54	11.43	14.26				
	I - 60 - 25	25	3.53	7.15	10.68	14.29	17.82				
	I - 40 - 38	38	0.9	1.82	2.71	3.63	4.53	6.8	9.06	18.11	
	I - 50 - 38	38	1.08	2.18	3.26	4.36	5.43	8.16	10.87		
	I - 60 - 38	38	1.35	2.72	4.07	5.45	6.79	10.2	13.58		
	T - 33 - 50	50	0.6	1.21	1.8	2.41	3.01	4.52	6.02	12.04	18.05
T - 50 - 50	50	0.8	1.61	2.4	3.22	4.01	6.03	8.02	16.05		
1372	I - 40 - 25	25	3.34	6.75	10.09	13.51	16.84				
	I - 50 - 25	25	4.01	8.1	12.11	16.21					
	I - 60 - 25	25	5.01	10.13	15.14						
	I - 40 - 38	38	1.26	2.56	3.82	5.11	6.38	9.58	12.75	25.5	
	I - 50 - 38	38	1.52	3.07	4.58	6.13	7.65	11.49	15.3		
	I - 60 - 38	38	1.9	3.83	5.73	7.67	9.56	14.37	19.13		
	T - 33 - 50	50	0.84	1.69	2.53	3.38	4.22	6.34	8.44	16.88	
T - 50 - 50	50	1.12	2.26	3.37	4.51	5.63	8.45	11.25			
1524	I - 40 - 38	38	1.71	3.46	5.17	6.92	8.63	12.97	17.26		
	I - 50 - 38	38	2.05	4.15	6.21	8.31	10.36	15.56			
	I - 60 - 38	38	2.57	5.19	7.76	10.38	12.95	19.45			
	T - 33 - 50	50	1.14	2.3	3.44	4.61	5.75	8.63	11.49		
	T - 50 - 50	50	1.52	3.07	4.59	6.14	7.66	11.51	15.32		
1676	T - 33 - 50	50	1.49	3	4.49	6.01	7.5	11.26	14.99		
	T - 50 - 50	50	1.98	4.01	5.99	8.01	9.99	15.01	19.99		

Sui Generis International Ltd.

The Chandler's Centre
Hythe Quay
Colchester
CO2 8JF

Tel: 01206 798 798
Fax: 01206 866 666
Email: info@sui generis.co.uk
www.sui generis.co.uk

Fibreglass Linings
Industrial Coatings
Surface Preparation
Spill Containment

Fibreglass Mouldings
Anti-slip Stair Covers
Anti-slip Floor Sheets
Fibreglass Grating