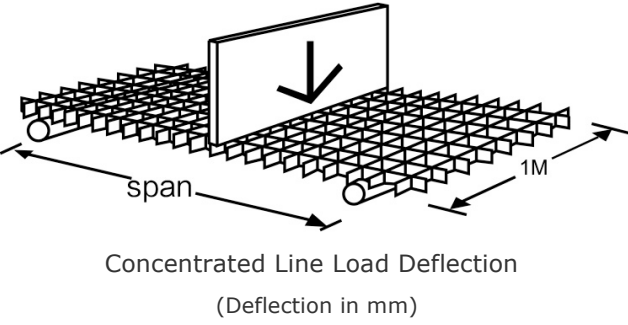
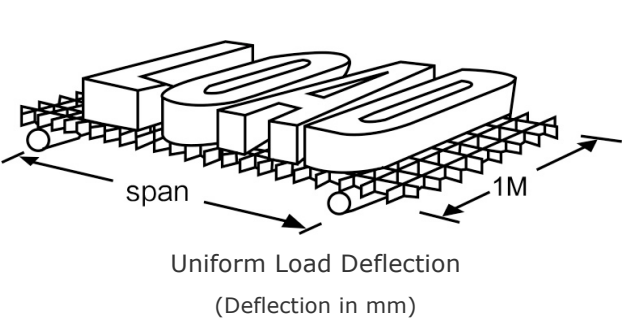


## Fiberglass Reinforced Plastic (FRP) Molded Grating Loading Deflection Sheet

In Metric Units

Items														
<b>S1T25</b>	<b>38x38x25mm-Mesh Size:38x38mm,Thickness 25mm,Open Rate 68%,Weight 12.3Kg/m2.</b>													
Deflection Span(mm)	Kg/m						Break point	Kg/m						
	75	150	300	450	600	750		240	480	980	1450	2450	3650	4880
450	0.559	1.146	2.159	3.075	4.115	4.749	3910	0.660	1.092	1.930	2.769	4.470	6.579	----
600	0.864	1.702	3.505	5.156	6.706	8.179	2924	1.118	2.108	4.140	6.172	10.21	15.26	----
750	----	----	----	----	----	----	----	2.667	5.387	10.82	16.28	----	----	----
900	2.896	5.918	12.12	18.44	----	----	1948	5.537	11.18	21.72	----	----	----	----
1200	5.715	111.6	----	----	----	----	1461	----	----	----	----	----	----	----
<b>S1T30</b>	<b>38x38x30mm-Mesh Size:38x38mm,Thickness 30mm,Open Rate 68%,Weight 14.6Kg/m2.</b>													
Deflection Span(mm)	Kg/m						Break point	Kg/m						Break point
	75	150	300	450	750	1500		350	500	750	1000	1500	2500	
300	<.25	<.25	0.254	0.508	0.762	1.524	9923.4	<.25	<.25	<.25	<.25	0.254	0.508	32500
450	0.254	0.508	1.016	1.524	2.540	----	4827.6	0.254	0.508	0.762	1.016	1.524	2.286	21661
600	0.508	1.270	2.286	3.556	5.842	----	4112.4	1.060	1.524	2.286	2.794	4.318	7.366	12980
750	1.270	2.540	4.826	7.366	12.45	----	3173.7	2.540	3.810	5.842	7.620	11.68	----	8296
900	1.778	3.810	7.620	11.43	----	----	2637.3	4.572	7.112	10.66	----	----	----	5758
<b>S1T38</b>	<b>38x38x38mm-Mesh Size:38x38mm,Thickness 38mm,Open Rate 68%,Weight 19.5Kg/m2.</b>													
Deflection Span(mm)	Kg/m						Break point	Kg/m						
	75	150	300	450	600	750		240	480	980	1450	2450	3650	4880
300	0.279	0.356	0.483	0.610	0.762	0.889	17116	0.254	0.305	0.381	0.457	0.635	0.838	----
600	0.365	0.660	1.245	1.850	2.464	3.073	8718	0.432	0.813	1.549	2.311	3.835	5.740	----
900	0.864	1.803	3.683	5.563	7.417	9.296	5817	1.702	3.454	6.959	10.46	17.47	----	----
1200	2.261	4.749	9.677	14.63	19.58	----	3755	5.969	12.16	24.51	----	----	----	----
<b>S3T50</b>	<b>50x50x50mm-Mesh Size:50x50mm,Thickness 50mm,Open Rate 78%,Weight 23.5Kg/m2.</b>													
Deflection Span(mm)	Kg/m						Break point	Kg/m						
	75	150	300	450	600	750		240	480	980	1450	2450	3650	4880
300	0.279	0.305	0.406	0.483	0.635	1.041	21727	0.254	0.279	0.330	0.381	0.483	0.737	----
600	0.356	0.508	0.813	1.128	1.753	3.327	11713	0.381	0.584	0.965	1.372	2.134	4.115	----
900	0.508	1.118	2.235	3.200	5.156	10.05	7780	1.194	2.108	3.937	5.766	9.449	18.59	----
1200	0.914	1.930	3.937	5.918	9.957	----	5834	2.413	4.928	9.957	14.96	----	----	----

R1T25	25x100x25mm-Mesh Size: 25x100mm,Thickness 25mm,Open Rate 67%,Weight 13Kg/m2.														
Deflection Span(mm)	Kg/m						Break point	Kg/m							
	75	150	300	450	600	750		240	480	980	1450	2450	3650	4880	
300	0.330	0.483	0.737	0.991	1.270	1.520	9442	0.279	0.381	0.533	0.711	1.041	----	1.905	
600	0.864	1.727	3.454	5.182	6.909	8.636	4305	0.914	1.854	3.683	5.537	9.220	----	18.46	
750	1.397	2.718	5.105	7.163	9.550	11.94	----	----	----	----	----	----	----	----	
900	2.413	4.724	8.814	8.814	16.51	20.62	3216	3.632	6.601	12.57	18.54	----	----	----	
1050	----	----	----	----	----	----	----	8.007	14.88	----	----	----	----	----	
R4T38	38x152x38mm-Mesh Size: 38x152mm,Thickness 38mm,Open Rate 67%,Weight 15.9Kg/m2.														
Deflection Span(mm)	Kg/m						Break point	Kg/m							Break point
	75	150	300	450	600	750		350	450	750	1000	1500	2500		
300	<.25	<.25	0.254	1.016	0.508	0.762	12627	<.25	<.25	<.25	0.254	0.254	0.508	41358	
450	<.25	0.254	0.762	2.540	1.524	1.778	9945	<.25	0.254	0.508	0.762	1.016	1.778	26962	
600	0.254	0.762	1.524	2.286	3.046	3.810	8232	0.508	1.016	1.270	1.778	2.794	4.572	21716	
750	0.762	1.270	2.794	4.064	5.334	6.604	7040	1.027	2.032	3.048	4.064	6.350	----	18446	
900	1.016	2.286	4.318	6.640	8.636	10.92	6146	2.540	4.064	6.096	8.128	12.19	----	13420	
1050	1.524	3.302	6.604	9.906	----	----	5438	4.572	7.112	10.66	----	----	----	10179	
1200	2.286	4.826	9.652	-----	----	----	5140	7.872	11.93	----	----	----	----	8418	

\*The loading deflection data listed above is for general information only.