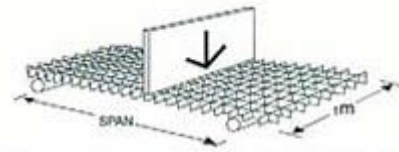
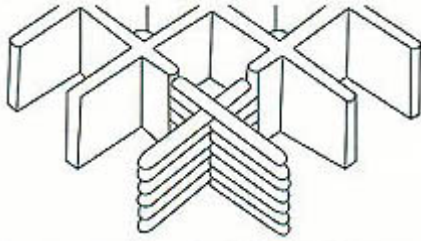




## Load Tables

### Loading Deflection Table of Molded Gratings in Common Sizes



CONCENTRATED LINE LOAD TABLE  
DEFLECTION IN mm

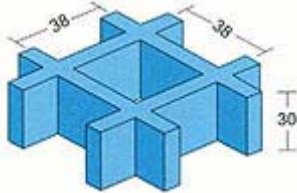
#### H25 Mesh size 38\*38

	Bar
	thickness(Top/Bottom)
	6.4/5.0
	Distance between
	centers of bearers
	bars
	38
	Open Area
	68%
	Weight per Square
meter	
12.3kg/m <sup>2</sup>	

Deflection	kg/m						Break point
	SPAN	75	150	300	450	600	
450	0.559	1.146	2.159	3.073	4.115	4.75	3910
600	0.864	1.702	3.505	5.156	6.706	8.179	2924
900	2.896	5.918	12.116	18.44	--	--	1948
1200	5.715	11.633	--	--	--	--	1491

Standard panel sizes : 1220\*4000、1220\*3660、  
1220\*2440、915\*3050 Both directions

H30 Mesh size 38\*38



Bar thickness(Top/Bottom) 6.5/5.0

Distance between centers of bearers bars 38

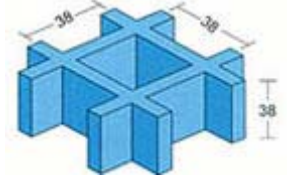
Open Area 68%

Weight per Square meter 14.6kg/m<sup>2</sup>

Standard panel sizes : 1220\*4000、1220\*3660、1220\*2440、915\*3050 Both directions

Deflection	kg/m						Break point
	SPAN	75	150	300	450	750	
300	<0.254	<0.254	0.254	0.508	0.762	1.524	9923.4
450	0.254	0.508	1.016	1.524	2.54	--	4827.6
600	0.508	1.27	2.286	3.556	5.842	--	4112.4
750	1.27	2.54	4.826	7.366	12.446	--	3173.7
900	1.778	3.81	7.62	11.43	--	--	2637.3

H38 Mesh size 38\*38



Bar thickness(Top/Bottom) 7.0/5.0

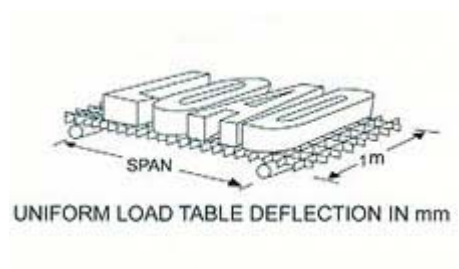
Distance between centers of bearers bars 38

Deflection	kg/m						Break point
	SPAN	75	150	300	450	600	
300	0.279	0.356	0.483	0.61	0.762	0.889	17116
600	0.356	0.66	1.245	1.85	2.464	3.073	8718
900	0.864	1.803	3.683	5.563	7.417	9.296	5817
1200	2.261	4.749	9.677	14.63	19.583	--	3755

	<p>Open Area</p> <p>68%</p> <p>Weight per Square</p> <p>meter</p> <p>19.5kg/m<sup>2</sup></p>
<p>Standard panel sizes : 1220*4000、 1220*3660、</p> <p>1220*2440、 915*3050、 1524*3050、 1254*4000 Both</p> <p>directions</p>	

### Loading Deflection Table of Molded Gratings in Common

#### Sizes



#### H25 Mesh size 38\*38

Deflection	kg/m <sup>2</sup>						
SPAN	240	480	980	1450	2450	3650	4880
450	0.66	1.092	1.93	2.769	4.47	6.579	--
600	1.118	2.108	4.14	6.172	10.211	15.265	--
750	2.667	5.387	10.82	16.28	--	--	--
900	5.537	11.176	21.717	--	--	--	--

Deflection	kg						
SPAN	150	370	750	1120	1500	2200	2980
450	0.254	0.686	1.55	2.159	2.667	4.166	5.232
600	0.734	1.651	3.175	4.623	6.121	9.119	12.116
900	1.778	4.445	8.814	13.157	--	--	--
1200	2.946	7.544	15.062	--	--	--	--

**H30 Mesh size 38\*38**

Deflection	kg/m <sup>2</sup>						Break point
	SPAN	350	500	750	1000	1500	
300	<.254	<.254	<.254	<.254	<.254	0.508	32500.8
450	0.254	0.508	0.762	1.016	1.524	2.286	21661.2
600	1.016	1.524	2.286	2.794	4.318	7.366	12980.8
750	2.54	3.81	5.842	7.62	11.684	--	8296
900	4.572	7.112	10.668	--	--	--	5758.4

Deflection	kg					
	SPAN	25	45	100	150	250
600	<0.254	0.254	0.760	1.016	1.778	
750	0.254	0.762	1.72	2.032	3.302	
900	0.508	0.762	1.778	2.54	4.064	
1050	0.762	1.524	2.794	43.18	7.112	
1200	1.016	1.778	3.81	5.588	9.398	

**H38 Mesh size 38\*38**

Deflection	kg/m <sup>2</sup>							
	SPAN	240	480	980	1450	2450	3650	4880
300	0.254	0.305	0.381	0.457	0.635	0.838	--	
600	0.432	0.813	1.549	2.311	3.835	5.74	--	
900	1.702	3.454	6.959	10.465	17.475	--	--	
1200	5.969	12.167	24.511	--	--	--	--	

Deflection	kg							
	SPAN	150	370	750	1120	1500	2200	2980
450	0.203	0.406	0.711	0.889	1.143	1.676	2.21	
600	0.356	0.889	1.499	1.905	2.413	3.531	4.267	
900	0.61	1.5	2.9	4.14	5.41	7.95	10.566	
1200	0.914	2.388	4.699	6.96	9.195	13.665	--	