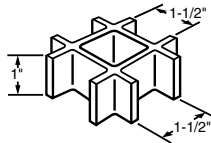


Load Tables

1" THICK 1-1/2" SQUARE MESH DURAGRATE®

A=1.71 in.²/ft. of width
 l=0.14 in.⁴/ft. of width
 S=0.29 in.³/ft. of width

1" bearing bars: Values per foot of width
 Open Space = 70%
 Approx. Weight = 2.6 lbs/sq. ft.



SPAN INCHES		LOAD								SAFE LOAD 5:1 SAFETY FACTOR	DEFLECTION	E x 10 ⁶ PSI
		50	100	150	200	250	300	400	500			
12	Δu	<0.010	<0.010	0.013	0.017	0.021	0.025	0.034	0.042	1360	0.115	1.90
	Δc	<0.010	0.014	0.020	0.027	0.034	0.041	0.054	0.068	680	0.092	
18	Δu	0.021	0.041	0.062	0.082	0.103	0.123	0.164	0.205	666	0.274	1.98
	Δc	0.022	0.044	0.066	0.088	0.110	0.131	0.175	0.219	500	0.219	
24	Δu	0.064	0.128	0.192	0.256	0.320	0.384	0.512	0.640	380	0.486	2.01
	Δc	0.051	0.102	0.154	0.205	0.256	0.307	0.409	0.512	380	0.389	
30	Δu	0.155	0.309	0.464	0.619					240	0.742	2.03
	Δc	0.099	0.198	0.297	0.396	0.495	0.594			300	0.594	
36	Δu	0.318	0.635							160	1.016	2.05
	Δc	0.169	0.339	0.508	0.677					240	0.813	