

CLEAR SPAN	LOAD TYPE	(U) LBS./SF (C) LBS./FT & RESULTING DEFLECTION IN INCHES													SAFE LD FCTR 2:1	DEFL	
		50	100	150	200	250	300	400	500	750	1000	2000	3000	4000	5000		
12"	U	0.001	0.002	0.003	0.004	0.005	0.005	0.007	0.009	0.014	0.018	0.036	0.054	0.073	0.091	10401	0.189
	C	0.002	0.003	0.004	0.006	0.007	0.009	0.012	0.015	0.022	0.029	0.058	0.087	0.116	0.145	5200	0.151
18"	U	0.005	0.008	0.013	0.017	0.021	0.025	0.033	0.042	0.063	0.084	0.167	0.251	0.335	--	4954	0.415
	C	0.005	0.009	0.013	0.018	0.022	0.027	0.036	0.045	0.067	0.089	0.179	0.268	--	--	3716	0.332
24"	U	0.015	0.025	0.037	0.050	0.062	0.075	0.100	0.124	0.187	0.249	0.498	--	--	--	2900	0.722
	C	0.012	0.020	0.030	0.040	0.050	0.060	0.080	0.100	0.149	0.199	0.398	--	--	--	2900	0.577
30"	U	0.035	0.058	0.087	0.116	0.145	0.174	0.231	0.289	0.434	0.579	--	--	--	--	1856	1.074
	C	0.022	0.037	0.056	0.074	0.093	0.111	0.148	0.185	0.278	0.370	--	--	--	--	2320	0.859
36"	U	0.069	0.115	0.173	0.230	0.288	0.345	0.460	0.575	--	--	--	--	--	--	1289	1.483
	C	0.037	0.061	0.092	0.123	0.153	0.184	0.245	0.307	0.460	0.614	--	--	--	--	1933	1.186
42"	U	0.127	0.211	0.316	0.422	0.527	0.633	--	--	--	--	--	--	--	--	943	1.989
	C	0.058	0.096	0.145	0.193	0.241	0.289	0.386	0.482	--	--	--	--	--	--	1649	1.591
48"	U	0.212	0.353	0.529	0.705	--	--	--	--	--	--	--	--	--	--	719	2.534
	C	0.085	0.141	0.212	0.282	0.353	0.423	0.564	--							1437	2.027
54"	U	0.338	0.563	--	--	--	--	--	--	--	--	--	--	--	--	568	3.184
	C	0.120	0.200	0.300	0.400	0.500	0.600	--	--	--	--	--	--	--	--	1274	2.548

U - Uniform Load - Lbs./Sf. C - Concentrated Load - Lbs./Ft. of Width at Mid Span | Loading information based on 8 bearing bars per foot of Grating width. Product weighs 2.40 Lbs./Sf. Safe load values have a safety factor of 2:1 (two to one). Technical information provided is theoretical and for evaluation by technically skilled persons, with any use thereof to be at their independent discretion and risk. **McNICHOLS** shall have no responsibility or liability for results obtained or damages resulting from improper evaluation or use of Fiberglass Grating..