

CLEAR SPAN	LOAD TYPE	LBS./SF - DEFLECTION IN INCHES											SAFE LOAD FACTOR 2:1	DEFLECTION
		50	100	150	200	250	300	400	500	750	1000	2000		
12"	U	0.001	0.003	0.004	0.005	0.006	0.008	0.010	0.013	0.019	0.025	0.050	6355	0.159
	C	0.002	0.004	0.006	0.008	0.010	0.012	0.016	0.020	0.030	0.040	0.080	3711	0.128
18"	U	0.006	0.012	0.018	0.025	0.031	0.037	0.049	0.061	0.092	0.123	0.246	2859	0.351
	C	0.007	0.013	0.020	0.026	0.033	0.039	0.052	0.066	0.098	0.131	0.262	2145	0.281
24"	U	0.019	0.038	0.056	0.075	0.094	0.113	0.150	0.188	0.281	0.375	--	1628	0.610
	C	0.015	0.030	0.045	0.060	0.075	0.090	0.120	0.150	0.225	0.300	--	1628	0.488
30"	U	0.044	0.089	0.133	0.178	0.222	0.266	0.355	0.444	--	--	--	1055	0.936
	C	0.028	0.057	0.085	0.114	0.142	0.170	0.227	0.284	0.426	0.568	--	1319	0.749
36"	U	0.089	0.179	0.268	0.357	0.447	0.536	--	--	--	--	--	741	1.325
	C	0.048	0.095	0.143	0.191	0.238	0.286	0.381	0.476	--	--	--	1112	1.060
42"	U	0.160	0.321	0.481	--	--	--	--	--	--	--	--	551	1.766
	C	0.073	0.147	0.220	0.293	0.366	0.440	0.586	--	--	--	--	964	1.413

U - Uniform Load - Lbs. per Square Foot
 C - Concentrated Load - Lbs. per Square Foot of Width at Mid Span

- Safe load values have a safety factor of 2:1.
- Technical information provided is theoretical and for evaluation by technically skilled persons only, 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.
- ♿ ADA compliant product when direction of bearing bars (span) installed perpendicular to the dominant direction of travel.

