

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	0.002	0.003	0.005	0.007	0.008	0.010	0.013	0.017	0.025	0.033	0.067	4766	0.159
	C	0.003	0.005	0.008	0.011	0.013	0.016	0.021	0.027	0.040	0.054	0.107	2383	0.128
18"	U	0.008	0.016	0.025	0.033	0.041	0.049	0.066	0.082	0.123	0.164	0.328	2144	0.351
	C	0.009	0.017	0.026	0.035	0.044	0.052	0.070	0.087	0.131	0.175	--	1609	0.281
24"	U	0.025	0.050	0.075	0.100	0.125	0.150	0.200	0.250	0.375	0.500	--	1221	0.611
	C	0.020	0.040	0.060	0.080	0.100	0.120	0.160	0.200	0.300	0.400	--	1221	0.488
30"	U	0.059	0.118	0.178	0.237	0.296	0.355	0.473	0.592	--	--	--	791	0.936
	C	0.038	0.076	0.114	0.152	0.189	0.227	0.303	0.379	0.568	--	--	989	0.749
36"	U	0.119	0.237	0.357	0.476	0.596	--	--	--	--	--	--	556	1.325
	C	0.064	0.127	0.191	0.254	0.318	0.381	0.508	--	--	--	--	834	1.060
42"	U	0.214	0.428	--	--	--	--	--	--	--	--	--	413	1.766
	C	0.098	0.195	0.293	0.391	0.489	0.586	--	--	--	--	--	723	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.

