

CLEAR SPAN	LOAD TYPE	LBS./SF & RESULTING DEFLECTION IN INCHES								SAFE LOAD FACTOR 5:1	DEFLECTION
		50	100	150	200	250	300	400	500		
12"	U	<0.010	<0.010	0.011	0.014	0.017	0.021	0.028	0.035	3860	0.270
	C	<0.010	0.011	0.017	0.022	0.028	0.034	0.045	0.056	1930	0.216
18"	U	0.013	0.026	0.039	0.052	0.065	0.078	0.104	0.130	1776	0.470
	C	0.014	0.028	0.042	0.056	0.070	0.084	0.112	0.139	1332	0.376
24"	U	0.025	0.050	0.075	0.100	0.126	0.151	0.201	0.251	1052	0.529
	C	0.020	0.040	0.060	0.080	0.101	0.121	0.161	0.201	1052	0.423
30"	U	0.055	0.110	0.165	0.219	0.274	0.329	0.439	0.548	632	0.692
	C	0.035	0.070	0.105	0.140	0.176	0.211	0.281	0.351	790	0.553
36"	U	0.087	0.173	0.260	0.346	0.433	0.520	0.692	--	456	0.796
	C	0.046	0.092	0.139	0.185	0.231	0.277	0.370	0.462	684	0.637
42"	U	0.150	0.300	0.450	0.600	--	--	--	--	332	1.005
	C	0.069	0.138	0.207	0.276	--	--	--	--	582	0.804
48"	U	0.245	0.490	0.735	--	--	--	--	--	215	1.054
	C	0.098	0.196	0.294	--	--	--	--	--	430	0.843

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 5:1.
 - 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.
- ♿ ADA compliant product regardless of the direction of travel.

