



CLEAR SPAN	LOAD TYPE	(U) LBS./SF (C) LBS./FT & RESULTING DEFLECTION IN INCHES								SAFE LOAD FACTOR 5:1	DEFLECTION
		50	100	150	200	250	300	400	500		
12"	U	<0.010	<0.010	<0.010	<0.010	<0.010	0.011	0.014	0.018	3120	0.111
	C	<0.010	<0.010	<0.010	0.011	0.014	0.017	0.023	0.028	1560	0.089
18"	U	<0.010	0.014	0.021	0.028	0.036	0.043	0.057	0.071	1386	0.197
	C	<0.010	0.015	0.023	0.030	0.038	0.046	0.061	0.076	1040	0.158
24"	U	0.021	0.042	0.063	0.084	0.104	0.125	0.167	0.209	780	0.326
	C	0.017	0.033	0.050	0.067	0.084	0.100	0.134	0.167	780	0.261
30"	U	0.047	0.094	0.141	0.188	0.235	0.283	0.377	0.471	496	0.467
	C	0.030	0.060	0.090	0.121	0.151	0.181	0.241	0.301	620	0.374
36"	U	0.096	0.192	0.288	0.384	0.480	0.576	--	--	347	0.666
	C	0.051	0.102	0.154	0.205	0.256	0.307	0.410	0.512	520	0.533
42"	U	0.175	0.350	0.525	--	--	--	--	--	251	0.881
	C	0.080	0.160	0.240	0.320	0.400	0.480	0.641	0.801	440	0.705
48"	U	0.287	0.573	--	--	--	--	--	--	170	0.975
	C	0.115	0.229	0.344	0.459	0.573	0.688	--	--	340	0.780

U - Uniform Load - Lbs./Sf. C - Concentrated Load - Lbs./Ft. of Width at Mid Span | Product weighs 3.80 Lbs./Sf. Safe load values have a safety factor of 5:1 (five 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.

