



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	0.011	0.014	0.018	0.023	4272	0.195
	C	<0.010	<0.010	0.011	0.015	0.018	0.022	0.029	0.037	2136	0.156
18"	U	<0.010	0.018	0.027	0.035	0.044	0.053	0.071	0.089	1712	0.300
	C	0.010	0.019	0.028	0.038	0.047	0.057	0.076	0.095	1284	0.240
24"	U	0.019	0.038	0.056	0.075	0.094	0.112	0.150	0.188	956	0.359
	C	0.015	0.030	0.045	0.060	0.075	0.090	0.120	0.150	956	0.288
30"	U	0.039	0.078	0.117	0.156	0.195	0.233	0.311	0.389	587	0.458
	C	0.025	0.050	0.075	0.100	0.125	0.150	0.200	0.250	734	0.367
36"	U	0.071	0.143	0.214	0.285	0.357	0.428	--	--	385	0.550
	C	0.038	0.076	0.114	0.152	0.190	0.228	0.304	0.381	578	0.440
42"	U	0.126	0.252	0.378	0.504	0.630	--	--	--	370	0.680
	C	0.058	0.115	0.173	0.230	0.288	0.346	0.461	--	472	0.544
48"	U	0.207	0.414	0.621	--	--	--	--	--	184	0.760
	C	0.083	0.160	0.248	0.331	0.414	0.497	--	--	368	0.608

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.

