



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	0.011	0.014	0.017	0.022	0.028	1960	0.108
	C	<0.010	<0.010	0.013	0.018	0.022	0.027	0.035	0.044	980	0.087
18"	U	0.012	0.025	0.037	0.049	0.062	0.074	0.099	0.123	960	0.237
	C	0.013	0.026	0.039	0.053	0.066	0.079	0.105	0.131	720	0.189
24"	U	0.037	0.074	0.112	0.149	0.186	0.223	0.298	0.372	560	0.417
	C	0.030	0.060	0.089	0.119	0.149	0.179	0.238	0.298	560	0.333
30"	U	0.088	0.176	0.264	0.352	0.440	0.528	--	--	336	0.591
	C	0.056	0.113	0.169	0.225	0.282	0.338	0.451	0.563	420	0.473
36"	U	0.176	0.353	0.529	--	--	--	--	--	240	0.846
	C	0.094	0.188	0.282	0.376	0.470	0.564	--	--	360	0.677
42"	U	0.316	0.632	--	--	--	--	--	--	183	1.155
	C	0.144	0.289	0.433	0.577	--	--	--	--	320	0.924

U - Uniform Load - Lbs./Sf. C - Concentrated Load - Lbs./Ft. of Width at Mid Span | Product weighs 2.80 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.

