



CLEAR SPAN	LOAD TYPE	(U) LBS./SF (C) LBS./FT & RESULTING DEFLECTION IN INCHES													SAFE LD FCTR 2:1	DEFL
		50	100	150	200	250	300	400	500	750	1000	2000	2500	3000		
12"	U	0.001	0.001	0.002	0.003	0.004	0.004	0.006	0.007	0.011	0.014	0.029	0.036	0.043	10322	0.148
	C	0.001	0.002	0.003	0.005	0.006	0.007	0.009	0.011	0.017	0.023	0.046	0.057	0.069	5161	0.118
18"	U	0.004	0.007	0.011	0.014	0.018	0.021	0.028	0.035	0.053	0.071	0.142	0.177	0.213	4643	0.329
	C	0.004	0.008	0.011	0.015	0.019	0.023	0.030	0.038	0.057	0.076	0.151	0.189	0.227	3482	0.263
24"	U	0.011	0.022	0.033	0.044	0.055	0.066	0.088	0.109	0.164	0.219	0.438	0.547	--	2643	0.578
	C	0.009	0.018	0.026	0.035	0.044	0.053	0.070	0.088	0.131	0.175	0.350	0.438	--	2643	0.463
30"	U	0.026	0.052	0.079	0.105	0.131	0.157	0.210	0.262	0.393	0.524	--	--	--	1712	0.897
	C	0.017	0.034	0.050	0.067	0.084	0.101	0.134	0.168	0.251	0.335	0.671	--	--	2139	0.717
36"	U	0.053	0.106	0.159	0.213	0.266	0.319	0.425	0.531	--	--	--	--	--	1202	1.277
	C	0.028	0.057	0.085	0.113	0.142	0.170	0.227	0.283	0.425	0.567	--	--	--	1804	1.022
42"	U	0.096	0.193	0.289	0.385	0.482	0.578	--	--	--	--	--	--	--	894	1.722
	C	0.044	0.088	0.132	0.176	0.220	0.264	0.352	0.440	0.66	--	--	--	--	1564	1.377
48"	U	0.161	0.322	0.483	0.643	--	--	--	--	--	--	--	--	--	692	2.226
	C	0.064	0.129	0.193	0.257	0.322	0.386	0.515	0.643	--	--	--	--	--	1384	1.781

U - Uniform Load - Lbs./Sf. C - Concentrated Load - Lbs./Ft. of Width at Mid Span | Loading information based on 6 bearing bars per foot of Grating width. Product weighs 1.90 Lbs./Sf. Safe load values have a safety factor of 2:1 (two 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.

