

CLEAR SPAN	LOAD TYPE	LBS./SF - DEFLECTION IN INCHES														SAFE LOAD FACTOR 2:1	DEFLECTION
		50	100	150	200	250	300	400	500	750	1000	2000	2500	3000	4000		
12"	U	0.001	0.002	0.003	0.004	0.006	0.007	0.009	0.011	0.017	0.022	0.044	0.055	0.066	0.088	10075	0.223
	C	0.002	0.004	0.005	0.007	0.009	0.011	0.014	0.018	0.027	0.035	0.071	0.088	0.106	0.142	5038	0.178
18"	U	0.005	0.010	0.015	0.020	0.026	0.031	0.041	0.051	0.077	0.102	0.204	0.255	0.306	0.408	4477	0.457
	C	0.005	0.011	0.016	0.022	0.027	0.033	0.044	0.054	0.082	0.109	0.218	0.272	0.326	--	3358	0.365
24"	U	0.015	0.030	0.046	0.061	0.076	0.091	0.122	0.152	0.228	0.305	0.609	--	--	--	2519	0.767
	C	0.012	0.024	0.037	0.049	0.061	0.073	0.097	0.122	0.183	0.244	0.487	0.609	--	--	2519	0.614
30"	U	0.035	0.071	0.106	0.141	0.177	0.212	0.283	0.353	0.530	--	--	--	--	--	1597	1.128
	C	0.023	0.045	0.068	0.090	0.113	0.136	0.181	0.226	0.339	0.452	--	--	--	--	1996	0.903
36"	U	0.071	0.142	0.213	0.284	0.356	0.427	0.569	--	--	--	--	--	--	--	1092	1.553
	C	0.038	0.076	0.114	0.152	0.190	0.228	0.303	0.379	0.569	--	--	--	--	--	1638	1.242
42"	U	0.127	0.253	0.380	0.506	--	--	--	--	--	--	--	--	--	--	786	1.989
	C	0.058	0.116	0.174	0.231	0.289	0.347	0.463	0.578	--	--	--	--	--	--	1375	1.591
48"	U	0.212	0.424	--	--	--	--	--	--	--	--	--	--	--	--	590	2.499
	C	0.085	0.170	0.254	0.339	0.424	0.509	--	--	--	--	--	--	--	--	1179	1.999

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 2:1.
  - Technical information provided is theoretical and for evaluation by technically skilled persons only, 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 when direction of bearing bars (span) installed perpendicular to the dominant direction of travel.

