



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	<0.010	<0.010	<0.010	0.010	4000	0.081
	C	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	0.013	0.016	0.016	2000	0.065
18"	U	<0.010	<0.010	0.012	0.016	0.020	0.024	0.032	0.040	0.040	1813	0.145
	C	<0.010	<0.010	0.013	0.017	0.021	0.026	0.034	0.043	0.043	1360	0.116
24"	U	0.010	0.021	0.031	0.042	0.052	0.063	0.083	0.104	0.104	960	0.200
	C	<0.010	0.017	0.025	0.033	0.042	0.050	0.067	0.083	0.083	960	0.160
30"	U	0.023	0.046	0.069	0.092	0.114	0.137	0.183	0.229	0.229	640	0.293
	C	0.015	0.029	0.044	0.059	0.073	0.088	0.117	0.146	0.146	800	0.234
36"	U	0.044	0.089	0.133	0.177	0.222	0.266	0.355	0.444	0.444	453	0.402
	C	0.024	0.047	0.071	0.095	0.118	0.142	0.189	0.237	0.237	680	0.322
42"	U	0.082	0.164	0.245	0.327	0.409	0.491	0.654	--	--	331	0.542
	C	0.037	0.075	0.112	0.150	0.187	0.224	0.299	0.374	0.374	580	0.434
48"	U	0.135	0.270	0.405	0.541	--	--	--	--	--	260	0.703
	C	0.054	0.108	0.162	0.216	0.270	0.324	0.432	0.541	0.541	520	0.562
54"	U	0.210	0.420	0.630	--	--	--	--	--	--	204	0.858
	C	0.075	0.149	0.224	0.298	0.373	0.448	0.597	--	--	460	0.686

U - Uniform Load - Lbs./Sf. C - Concentrated Load - Lbs./Ft. of Width at Mid Span | Product weighs 4.00 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.

