

SPAN	LOAD	POUNDS PER SQUARE FOOT								SAFE LOAD
		50	100	150	200	250	300	400	500	
12"	ΔU	<0.010	<0.010	<0.010	0.011	0.014	0.017	0.022	0.028	1960
	ΔC	<0.010	<0.010	0.013	0.018	0.022	0.027	0.035	0.044	980
18"	ΔU	0.012	0.025	0.037	0.049	0.062	0.074	0.099	0.123	960
	ΔC	0.013	0.026	0.039	0.053	0.066	0.079	0.105	0.131	720
24"	ΔU	0.037	0.074	0.112	0.149	0.186	0.223	0.298	0.372	560
	ΔC	0.030	0.060	0.089	0.119	0.149	0.179	0.238	0.298	560
30"	ΔU	0.088	0.176	0.264	0.352	0.440	0.528	--	--	336
	ΔC	0.056	0.113	0.169	0.225	0.282	0.338	0.451	0.563	420
36"	ΔU	0.176	0.353	0.529	--	--	--	--	--	240
	ΔC	0.094	0.188	0.282	0.376	0.470	0.564	--	--	360
42"	ΔU	0.316	0.632	--	--	--	--	--	--	183
	ΔC	0.144	0.289	0.433	0.577	--	--	--	--	320

ΔU - Deflection Under Uniform Load

ΔC - Deflection Under Concentrated Load

- Safe load values have a safety factor of 5:1.
- 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 Grating.

