

SPAN	LOAD	POUNDS PER SQUARE FOOT								SAFE LOAD
		50	100	150	200	250	300	400	500	
12"	ΔU	<0.010	<0.010	<0.010	<0.010	0.011	0.014	0.018	0.023	4272
	ΔC	<0.010	<0.010	0.011	0.015	0.018	0.022	0.029	0.037	2136
18"	ΔU	<0.010	0.018	0.027	0.035	0.044	0.053	0.071	0.089	1712
	ΔC	0.010	0.019	0.028	0.038	0.047	0.057	0.076	0.095	1284
24"	ΔU	0.019	0.038	0.056	0.075	0.094	0.112	0.150	0.188	956
	ΔC	0.015	0.030	0.045	0.060	0.075	0.090	0.120	0.150	956
30"	ΔU	0.039	0.078	0.117	0.156	0.195	0.233	0.311	0.389	587
	ΔC	0.025	0.050	0.075	0.100	0.125	0.150	0.200	0.250	734
36"	ΔU	0.071	0.143	0.214	0.285	0.357	0.428	--	--	385
	ΔC	0.038	0.076	0.114	0.152	0.190	0.228	0.304	0.381	578
42"	ΔU	0.126	0.252	0.378	0.504	0.630	--	--	--	370
	ΔC	0.058	0.115	0.173	0.230	0.288	0.346	0.461	--	472
48"	ΔU	0.207	0.414	0.621	--	--	--	--	--	184
	ΔC	0.083	0.160	0.248	0.331	0.414	0.497	--	--	368

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.

