

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	<0.010	0.011	0.014	0.018	3120
	ΔC	<0.010	<0.010	<0.010	0.011	0.014	0.017	0.023	0.028	1560
18"	ΔU	<0.010	0.014	0.021	0.028	0.036	0.043	0.057	0.071	1386
	ΔC	<0.010	0.015	0.023	0.030	0.038	0.046	0.061	0.076	1040
24"	ΔU	0.021	0.042	0.063	0.084	0.104	0.125	0.167	0.209	780
	ΔC	0.017	0.033	0.050	0.067	0.084	0.100	0.134	0.167	780
30"	ΔU	0.047	0.094	0.141	0.188	0.235	0.283	0.377	0.471	496
	ΔC	0.030	0.060	0.090	0.121	0.151	0.181	0.241	0.301	620
36"	ΔU	0.096	0.192	0.288	0.384	0.480	0.576	--	--	347
	ΔC	0.051	0.102	0.154	0.205	0.256	0.307	0.410	0.512	520
42"	ΔU	0.175	0.350	0.525	--	--	--	--	--	251
	ΔC	0.080	0.160	0.240	0.320	0.400	0.480	0.641	0.801	440
48"	ΔU	0.287	0.573	--	--	--	--	--	--	170
	ΔC	0.115	0.229	0.344	0.459	0.573	0.688	--	--	340

**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.

