

SPAN	LOAD	POUNDS PER SQUARE FOOT								SAFE LOAD
		50	100	150	200	250	300	400	500	
12"	ΔU	<0.010	<0.010	0.011	0.014	0.017	0.021	0.028	0.035	3860
	ΔC	<0.010	0.011	0.017	0.022	0.028	0.034	0.045	0.056	1930
18"	ΔU	0.013	0.026	0.039	0.052	0.065	0.078	0.104	0.130	1776
	ΔC	0.014	0.028	0.042	0.056	0.070	0.084	0.112	0.139	1332
24"	ΔU	0.025	0.050	0.075	0.100	0.126	0.151	0.201	0.251	1052
	ΔC	0.020	0.040	0.060	0.080	0.101	0.121	0.161	0.201	1052
30"	ΔU	0.055	0.110	0.165	0.219	0.274	0.329	0.439	0.548	632
	ΔC	0.035	0.070	0.105	0.140	0.176	0.211	0.281	0.351	790
36"	ΔU	0.087	0.173	0.260	0.346	0.433	0.520	0.692	--	456
	ΔC	0.046	0.092	0.139	0.185	0.231	0.277	0.370	0.462	684
42"	ΔU	0.150	0.300	0.450	0.600	--	--	--	--	332
	ΔC	0.069	0.138	0.207	0.276	--	--	--	--	582
48"	ΔU	0.245	0.490	0.735	--	--	--	--	--	215
	ΔC	0.098	0.196	0.294	--	--	--	--	--	430

**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.
- ♿ ADA-Compliant product regardless of the direction of travel.

