

SPAN	LOAD	POUNDS PER SQUARE FOOT								SAFE LOAD
		50	100	150	200	250	300	400	500	
12"	ΔU	<0.010	<0.010	0.013	0.017	0.021	0.025	0.034	0.042	1360
	ΔC	<0.010	0.014	0.020	0.027	0.034	0.041	0.054	0.068	680
18"	ΔU	0.021	0.041	0.062	0.082	0.103	0.123	0.164	0.205	666
	ΔC	0.022	0.044	0.066	0.088	0.110	0.131	0.175	0.219	500
24"	ΔU	0.064	0.128	0.192	0.256	0.320	0.384	0.512	0.640	380
	ΔC	0.051	0.102	0.154	0.205	0.256	0.307	0.409	0.512	380
30"	ΔU	0.155	0.309	0.464	0.619	--	--	--	--	240
	ΔC	0.099	0.198	0.297	0.396	0.495	0.594	--	--	300
36"	ΔU	0.318	0.635	--	--	--	--	--	--	160
	ΔC	0.169	0.339	0.508	0.677	--	--	--	--	240

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.

