

THICK	DEPTH (mm)	LBS./LF (kg/m)	LOAD/DEFL	CLEAR SPAN														
				24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"		
.0800"	1-1/2" (38.1)	1.28 (1.90)	U	499	319	222	163	124	98	--	--	--	--	--	--	--	--	
			D	0.10	0.15	0.22	0.31	0.40	0.51	--	--	--	--	--	--	--	--	--
			C	395	316	263	226	197	175	--	--	--	--	--	--	--	--	--
			D	0.08	0.12	0.18	0.25	0.32	0.41	--	--	--	--	--	--	--	--	--
	2" (50.8)	1.37 (2.03)	U	732	468	325	239	183	145	117	97	81	69	--	--	--	--	
			D	0.08	0.13	0.18	0.25	0.33	0.42	0.52	0.63	0.74	0.87	--	--	--	--	
			C	568	463	386	331	290	257	232	211	192	177	--	--	--	--	
			D	0.06	0.10	0.15	0.20	0.27	0.34	0.42	0.51	0.59	0.69	--	--	--	--	
	2-1/2" (63.5)	1.46 (2.17)	U	1099	704	489	359	275	217	176	145	122	104	90	78	69		
			D	0.07	0.10	0.15	0.21	0.28	0.35	0.43	0.53	0.63	0.74	0.85	0.98	1.12		
			C	568	568	568	497	435	387	348	316	290	268	249	232	218		
			D	0.05	0.07	0.12	0.17	0.22	0.28	0.35	0.42	0.50	0.59	0.68	0.78	0.89		
3" (76.2)	1.55 (2.30)	U	1350	864	600	441	338	267	216	179	150	128	110	96	84			
		D	0.06	0.09	0.14	0.19	0.25	0.31	0.39	0.47	0.56	0.66	0.77	0.88	1.00			
		C	568	568	568	568	535	475	428	389	356	329	305	285	267			
		D	0.02	0.05	0.09	0.14	0.20	0.25	0.31	0.38	0.45	0.53	0.61	0.70	0.80			
.1000"	1-1/2" (38.1)	1.62 (2.41)	U	568	364	253	186	142	112	--	--	--	--	--	--	--	--	
			D	0.09	0.15	0.22	0.30	0.39	0.50	--	--	--	--	--	--	--	--	
			C	450	360	300	257	225	200	--	--	--	--	--	--	--	--	
			D	0.07	0.12	0.17	0.24	0.31	0.40	--	--	--	--	--	--	--	--	
	2" (50.8)	1.74 (2.58)	U	1025	656	455	335	256	202	164	136	114	97	84	73	64		
			D	0.09	0.14	0.20	0.28	0.37	0.46	0.58	0.70	0.83	0.98	1.13	1.30	1.48		
			C	811	649	541	464	406	361	325	295	270	250	232	216	203		
			D	0.07	0.11	0.16	0.22	0.29	0.37	0.46	0.56	0.66	0.78	0.90	1.04	1.18		
	2-1/2" (63.5)	1.85 (2.75)	U	1410	902	627	460	352	278	226	186	157	133	115	100	88		
			D	0.07	0.11	0.16	0.22	0.28	0.36	0.44	0.54	0.64	0.76	0.88	1.01	1.15		
			C	886	886	744	638	558	496	446	406	372	343	319	298	279		
			D	0.05	0.09	0.12	0.17	0.23	0.29	0.36	0.43	0.51	0.60	0.70	0.81	0.92		
	3" (76.2)	1.97 (2.93)	U	1820	1165	809	594	455	360	291	241	202	172	149	129	114		
			D	0.05	0.08	0.12	0.17	0.22	0.28	0.34	0.42	0.50	0.59	0.68	0.78	0.89		
			C	886	886	886	823	720	640	516	524	480	443	412	384	360		
			D	0.02	0.05	0.09	0.13	0.17	0.22	0.27	0.33	0.40	0.47	0.54	0.62	0.71		

U - Uniform Load - Lbs. per Square Foot
D - Deflection - in Inches
C - Concentrated Load - Lbs. per Square Foot of Width at Mid Span

- Span and loading values to the left of the bolded black line produce a deflection of 1/4" or less under a uniform load of 100 lbs. per square foot, allowing for safe pedestrian comfort. Span and loading values to the right of the bolded black line are applicable to other types of loads at the discretion of a licensed engineer.
- Technical information provided is theoretical and for evaluation by technically skilled persons, 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 Plank Grating.

