

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)	1.06 (1.58)	U	667	443	301	221	168	133	108	--	--	--	--	--	--
			D	0.10	0.15	0.22	0.31	0.40	0.51	0.63	--	--	--	--	--	--
			C	395	316	263	226	197	175	157	--	--	--	--	--	--
			D	0.08	0.12	0.18	0.25	0.32	0.41	0.50	--	--	--	--	--	--
	2" (50.8)	1.15 (1.71)	U	993	636	441	324	248	196	159	131	110	93	80	--	--
			D	0.08	0.13	0.18	0.25	0.33	0.42	0.52	0.63	0.74	0.86	1.00	--	--
			C	579	463	386	331	290	257	232	211	192	177	165	--	--
			D	0.06	0.10	0.15	0.20	0.27	0.34	0.42	0.51	0.59	0.69	0.80	--	--
	2-1/2" (63.5)	1.24 (1.85)	U	1492	955	663	487	373	295	2391	197	166	141	122	106	93
			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	812	696	580	491	435	387	348	316	290	268	249	232	218
			D	0.05	0.08	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)	1.33 (1.98)	U	1833	1173	815	598	458	362	293	2421	204	174	150	130	115	
		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	846	846	713	611	535	475	428	389	356	329	305	285	267	
		D	0.03	0.07	0.11	0.15	0.20	0.25	0.31	0.38	0.45	0.53	0.61	0.70	0.80	
.1000"	1-1/2" (38.1)	1.34 (1.99)	U	771	494	343	252	193	152	122	101	--	--	--	--	
			D	0.09	0.15	0.22	0.30	0.39	0.50	0.63	0.76	--	--	--	--	
			C	450	360	300	251	225	200	179	162	--	--	--	--	
			D	0.07	0.12	0.17	0.24	0.31	0.40	0.51	0.61	--	--	--	--	
	2" (50.8)	1.46 (2.17)	U	1391	890	618	454	348	275	223	184	155	132	114	99	87
			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)	1.57 (2.34)	U	1913	1225	850	625	478	378	306	253	213	181	156	136	120
			D	0.07	0.11	0.16	0.22	0.28	0.36	0.45	0.54	0.64	0.76	0.88	1.01	1.15
			C	1116	893	744	638	558	496	446	406	372	343	319	298	279
			D	0.05	0.09	0.12	0.11	0.23	0.29	0.36	0.43	0.51	0.60	0.70	0.81	0.92
3" (76.2)	1.68 (2.50)	U	2470	1581	1098	807	618	488	395	327	274	234	202	176	154	
		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	1309	1153	961	823	720	640	576	524	480	443	412	384	360	
		D	0.04	0.06	0.10	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.

