

GAUGE	DEPTH (mm)	LBS./LF (kg/m)	LOAD/DEFL	CLEAR SPAN																
				24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	108"	120"	132"	144"
14	1-1/2" (38.1)	2.3 (3.42)	U	1324	849	591	435	334	265	215	179	151	--	--	--	--	--	--	--	--
			D	0.06	0.10	0.14	0.20	0.26	0.32	0.40	0.49	0.58	--	--	--	--	--	--	--	--
			C	524	420	351	301	265	236	213	195	179	--	--	--	--	--	--	--	--
			D	0.05	0.08	0.11	0.16	0.20	0.26	0.32	0.39	0.47	--	--	--	--	--	--	--	--
	2" (50.8)	2.6 (3.87)	U	2198	1409	980	721	553	438	356	295	248	212	184	161	142	113	93	--	--
			D	0.06	0.09	0.13	0.17	0.23	0.29	0.35	0.43	0.51	0.60	0.70	0.81	0.92	1.18	1.47	--	--
			C	870	697	582	499	438	390	352	321	295	273	255	239	225	201	183	--	--
			D	0.04	0.01	0.10	0.14	0.18	0.23	0.28	0.34	0.41	0.48	0.56	0.65	0.74	0.94	1.18	--	--
	2-1/2" (63.5)	2.8 (4.17)	U	2522	1616	1124	827	634	502	408	338	285	244	211	184	163	139	106	88	75
			D	0.04	0.06	0.08	0.11	0.14	0.18	0.23	0.27	0.33	0.38	0.45	0.51	0.59	0.75	0.94	1.14	1.38
			C	998	800	667	573	502	447	404	368	338	313	292	273	251	231	210	193	178
			D	0.03	0.04	0.06	0.09	0.11	0.15	0.18	0.22	0.26	0.31	0.36	0.41	0.47	0.60	0.75	0.92	1.10
12	1-1/2" (38.1)	3.2 (4.76)	U	1751	1123	782	576	443	351	286	237	200	172	149	131	116	--	--	--	
			D	0.07	0.11	0.15	0.21	0.27	0.35	0.43	0.52	0.62	0.74	0.86	0.99	1.14	--	--	--	
			C	693	556	464	399	350	313	283	258	238	221	206	194	183	--	--	--	
			D	0.05	0.08	0.12	0.17	0.22	0.28	0.34	0.42	0.50	0.59	0.69	0.79	0.91	--	--	--	
	2" (50.8)	3.6 (5.36)	U	2792	1790	1245	917	703	557	453	375	317	211	235	205	181	145	119	99	85
			D	0.05	0.08	0.11	0.16	0.20	0.26	0.32	0.39	0.46	0.55	0.63	0.73	0.84	1.07	1.34	1.64	1.98
			C	1105	886	739	635	557	496	448	409	376	348	325	305	287	258	235	216	201
			D	0.04	0.06	0.09	0.12	0.16	0.21	0.26	0.31	0.37	0.44	0.51	0.59	0.67	0.86	1.07	1.31	1.58
	2-1/2" (63.5)	4.0 (5.95)	U	4179	2676	1860	1368	1049	830	673	557	469	400	346	302	266	211	172	143	121
			D	0.04	0.06	0.09	0.13	0.17	0.21	0.26	0.32	0.38	0.44	0.51	0.59	0.67	0.86	1.07	1.30	1.55
			C	1654	1324	1104	948	830	739	666	606	557	515	479	448	421	376	341	312	288
			D	0.03	0.05	0.07	0.10	0.13	0.17	0.21	0.25	0.30	0.35	0.41	0.47	0.54	0.69	0.85	1.04	1.24

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.

