

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)	1.49 (2.22)	U	403	255	179	132	100	--	--	--	--	--	--	--	--
			D	0.10	0.15	0.22	0.31	0.40	--	--	--	--	--	--	--	--
			C	395	316	263	226	197	--	--	--	--	--	--	--	--
			D	0.08	0.12	0.18	0.25	0.32	--	--	--	--	--	--	--	--
	2" (50.8)	1.59 (2.36)	U	592	379	263	193	148	117	95	78	--	--	--	--	--
			D	0.08	0.13	0.18	0.25	0.33	0.42	0.52	0.63	--	--	--	--	--
			C	466	466	386	331	290	257	232	211	--	--	--	--	--
			D	0.05	0.10	0.15	0.20	0.27	0.34	0.42	0.51	--	--	--	--	--
	2-1/2" (63.5)	1.67 (2.48)	U	889	569	395	290	222	176	142	118	99	84	73	63	--
			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	--
			C	466	466	466	466	435	387	348	316	290	268	249	232	--
			D	0.02	0.05	0.10	0.16	0.22	0.28	0.35	0.42	0.50	0.59	0.68	0.78	--
	3" (76.2)	1.75 (2.60)	U	951	699	485	351	273	216	175	144	121	103	89	78	68
			D	0.05	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	466	466	466	466	466	466	428	389	356	329	305	285	267
			D	0.02	0.04	0.07	0.11	0.17	0.24	0.31	0.38	0.45	0.53	0.61	0.70	0.80
.1000"	1-1/2" (38.1)	1.88 (2.79)	U	459	294	204	150	115	91	--	--	--	--	--	--	
			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)	2.00 (2.98)	U	829	530	368	271	207	164	133	110	92	78	68	59	--
			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	--
			C	714	649	541	464	406	361	325	295	270	250	232	216	--
			D	0.06	0.11	0.16	0.22	0.29	0.37	0.46	0.56	0.66	0.78	0.90	1.04	--
	2-1/2" (63.5)	2.11 (3.14)	U	1140	730	507	372	285	225	182	151	127	105	93	81	71
			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	714	714	714	638	558	496	446	406	372	343	319	298	279
			D	0.03	0.07	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)	2.22 (3.30)	U	1458	942	654	481	368	291	235	195	164	139	120	105	92
			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	714	714	714	714	714	640	576	524	480	443	412	384	360
			D	0.02	0.04	0.07	0.12	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.

