


PRIMARY MATERIAL	GAUGE/ THICK	DEPTH (mm)	LBS./LF (kg/m)	LOAD	CLEAR SPAN																
					24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	108"	120"	132"	144"
ALUM.	.1250"	1-1/2" (38.1)	1.63 (2.42)	<b>U</b>	359	294	213	153	112	88	69	63	55	40	30	--	--	--	--	--	--
				<b>D</b>	0.02	0.04	0.06	0.08	0.10	0.13	0.15	0.20	0.25	0.25	0.25	--	--	--	--	--	--
		2" (50.8)	1.80 (2.68)	<b>U</b>	727	595	431	310	227	177	139	127	112	81	61	46	35	22	--	--	--
				<b>D</b>	0.02	0.04	0.06	0.08	0.10	0.13	0.15	0.20	0.25	0.25	0.25	0.25	0.25	0.25	--	--	--
CARBON & GALV. STEEL	13	1-1/2" (38.1)	3.40 (5.06)	<b>U</b>	824	675	488	351	257	201	158	144	127	92	69	--	--	--	--	--	
				<b>D</b>	0.02	0.04	0.06	0.08	0.10	0.13	0.15	0.20	0.25	0.25	0.25	--	--	--	--	--	
		2" (50.8)	3.71 (5.52)	<b>U</b>	1642	1345	973	700	513	400	315	287	253	184	137	104	80	50	--	--	
				<b>D</b>	0.02	0.04	0.06	0.08	0.10	0.13	0.15	0.20	0.25	0.25	0.25	0.25	0.25	0.25	--	--	
		3" (76.2)	4.11 (6.11)	<b>U</b>	4378	3587	2595	1867	1368	1068	841	766	676	491	365	277	214	133	88	60	42
				<b>D</b>	0.02	0.04	0.06	0.08	0.10	0.13	0.15	0.20	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
	11	1-1/2" (38.1)	4.72 (7.02)	<b>U</b>	1032	845	612	440	323	252	198	180	159	116	86	--	--	--	--	--	
				<b>D</b>	0.02	0.04	0.06	0.08	0.10	0.13	0.15	0.20	0.25	0.25	0.25	--	--	--	--	--	
		2" (50.8)	5.15 (7.66)	<b>U</b>	2084	1707	1235	889	651	508	400	364	322	233	174	132	102	64	--	--	
				<b>D</b>	0.02	0.04	0.06	0.08	0.10	0.13	0.15	0.20	0.25	0.25	0.25	0.25	0.25	0.25	--	--	
		3" (76.2)	6.13 (9.12)	<b>U</b>	5619	4603	3330	2396	1756	1370	1079	982	867	630	468	355	274	171	112	77	54
				<b>D</b>	0.02	0.04	0.06	0.08	0.10	0.13	0.15	0.20	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25

**U** - Uniform Load - Lbs. per Square Foot

**D** - Deflection - in Inches

- Spans 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 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 Plank Grating.
-  ADA compliant product when installed using multiple pieces to width regardless of the direction of travel.

