


PRIMARY MATERIAL	GAUGE/ THICK	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"
ALUM.	.1250"	1-1/2" (38.1)	2.07 (3.08)	<b>U</b>	275	225	163	117	86	67	53	48	42	31	23	--	--	--	--	--	--
				<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)	2.22 (3.30)	<b>U</b>	560	469	332	239	175	137	107	98	86	63	47	35	27	--	--	--	--
				<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	--	--	--	--
CARBON & GALV. STEEL	13	1-1/2" (38.1)	4.32 (6.43)	<b>U</b>	628	515	372	268	196	153	121	110	97	70	52	--	--	--	--	--	
				<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)	4.63 (6.89)	<b>U</b>	1267	1038	751	540	396	309	243	221	195	142	106	80	62	--	--	--	--
				<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	--	--	--	--
		3" (76.2)	5.24 (7.80)	<b>U</b>	3412	2795	2022	1455	1066	832	655	597	527	382	284	216	167	104	68	47	33
				<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)	6.01 (8.94)	<b>U</b>	787	645	466	336	246	192	151	138	121	88	66	--	--	--	--	--	
				<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)	6.44 (9.58)	<b>U</b>	1605	1315	951	685	502	392	308	281	248	180	134	101	78	--	--	--	
				<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	--	--	--	
		3" (76.2)	7.45 (11.06)	<b>U</b>	4380	3588	2595	1868	1369	1068	841	766	676	491	365	277	214	134	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

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

**D** - Deflection - in Inches

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

