



PRIM MATL	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"	
ALUMINUM	.1250"	1-1/2" (38.1)	2.37 (3.52)	U	238	195	141	101	74	58	46	42	37	27	20	--	--	--	--	--	--	
				D	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)	2.52 (3.75)	U	487	399	288	207	152	119	93	85	75	55	41	31	24	--	--	--	--	
				D	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 & GALVANIZED STEEL	13	1-1/2" (38.1)	4.93 (7.33)	U	544	445	322	232	170	133	104	95	84	61	45	--	--	--	--	--	--	
				D	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)	5.24 (7.80)	U	1101	902	652	469	344	268	211	192	170	123	92	70	54	--	--	--	--	
			3" (76.2)	5.57 (8.29)	U	2986	2446	1769	1273	933	728	573	522	461	335	249	189	146	91	60	41	29
					D	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)	6.90 (10.3)	U	682	559	404	291	213	166	131	119	105	76	57	--	--	--	--	--	--	
D				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)		7.30 (10.9)	U	1395	1143	827	595	436	340	268	244	215	156	116	88	68	--	--	--			
		3" (76.2)	8.23 (12.3)	U	3831	3138	2270	1634	1197	934	736	670	591	429	319	242	187	117	77	52	37	
				D	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./Sf. 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./Sf., 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 surface when installed using multiple pieces to width regardless of the direction of travel.

