



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"
14	2" (50.8)	7.40 (11.0)	U	300	300	228	168	128	102	82	68	57	49	42	--	--	--	--
			D	0.46	0.48	0.42	0.38	0.38	0.41	0.44	0.49	0.55	0.62	0.70	--	--	--	--
			C	400	400	343	294	257	229	206	187	172	158	147	--	--	--	--
			D	0.34	0.35	0.32	0.30	0.29	0.29	0.30	0.31	0.33	0.35	0.37	--	--	--	--
	3" (76.2)	7.90 (11.8)	U	300	300	300	264	202	160	130	107	90	77	66	58	51	40	--
			D	0.42	0.43	0.46	0.44	0.39	0.36	0.35	0.36	0.39	0.44	0.45	0.49	0.54	0.65	--
			C	400	400	400	400	400	360	324	295	270	249	232	216	203	180	--
			D	0.33	0.33	0.34	0.35	0.37	0.35	0.33	0.33	0.32	0.32	0.33	0.34	0.35	0.38	--
12	2" (50.8)	10.4 (15.5)	U	475	416	289	212	162	128	104	86	72	62	53	46	--	--	--
			D	0.40	0.39	0.33	0.31	0.31	0.34	0.38	0.44	0.48	0.56	0.63	0.71	--	--	--
			C	650	520	434	372	325	289	260	237	217	200	186	174	--	--	--
			D	0.26	0.22	0.19	0.20	0.20	0.21	0.22	0.23	0.25	0.28	0.31	0.34	--	--	--
	3" (76.2)	11.1 (16.5)	U	475	475	475	392	300	237	192	159	133	114	98	85	75	59	48
			D	0.38	0.39	0.42	0.38	0.36	0.34	0.35	0.37	0.39	0.43	0.47	0.52	0.58	0.70	0.85
			C	900	900	800	686	600	534	480	437	400	369	343	320	300	267	240
			D	0.34	0.35	0.33	0.29	0.27	0.26	0.26	0.26	0.26	0.26	0.27	0.29	0.30	0.32	0.36

U - Uniform Load - Lbs./Sf. D - Deflection in Inches C - Concentrated Load - Lbs./Ft. of Width at Mid Span | Concentrated load values are a result of one side channel supporting 100% of the load. 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.