

WIDTH (mm)	PRIMARY MATERIAL	GAUGE/ THICK	CARRIER PLATES	DEPTH (mm)	LBS./LF (kg/m)	LOAD/ DEFL	CLEAR SPAN				
							24"	30"	36"	42"	48"
7" (177.8)	ALUMINUM	.1250"	CP-PG-715	1-1/2" (38.1)	1.70 (2.53)	C	242	211	183	154	129
			CP-PG-720	2" (50.8)	1.87 (2.78)	C	490	426	370	311	260
	CARBON & GALVANIZED STEEL	13	CP-PG-715	1-1/2" (38.1)	3.73 (5.55)	C	555	483	420	352	295
			CP-PG-720	2" (50.8)	4.06 (6.04)	C	1107	963	836	702	588
		11	CP-PG-715	1-1/2" (38.1)	4.87 (7.25)	C	696	605	526	441	370
			CP-PG-720	2" (50.8)	5.43 (8.08)	C	1405	1222	1061	891	746
10" (254.0)	ALUMINUM	.1250"	CP-PG-1015	1-1/2" (38.1)	2.11 (3.14)	C	266	232	201	169	144
			CP-PG-1020	2" (50.8)	2.35 (3.50)	C	542	472	409	344	288
	CARBON & GALVANIZED STEEL	13	CP-PG-1015	1-1/2" (38.1)	4.61 (7.16)	C	608	530	460	386	323
			CP-PG-1020	2" (50.8)	4.89 (7.28)	C	1226	1067	927	778	651
		11	CP-PG-1015	1-1/2" (38.1)	6.24 (9.28)	C	762	663	576	483	405
			CP-PG-1020	2" (50.8)	6.70 (9.97)	C	1554	1353	1174	986	826
12" (304.8)	ALUMINUM	.1250"	CP-PG-1215	1-1/2" (38.1)	2.45 (3.64)	C	277	241	209	176	147
			CP-PG-1220	2" (50.8)	2.60 (3.87)	C	566	493	428	359	301
	CARBON & GALVANIZED STEEL	13	CP-PG-1215	1-1/2" (38.1)	5.00 (7.44)	C	633	551	478	402	336
			CP-PG-1220	2" (50.8)	5.70 (8.48)	C	1281	1115	968	813	681
		11	CP-PG-1215	1-1/2" (38.1)	7.16 (10.7)	C	794	691	600	504	422
			CP-PG-1220	2" (50.8)	7.58 (11.3)	C	1624	1414	1227	1031	863
DEFLECTION VALUES TO LEFT APPLY TO ALL STAIR TREAD WIDTHS AND DEPTHS						D	0.020	0.040	0.060	0.080	0.100

C - Concentrated Load - Lbs./Ft. of Width at Mid Span D - Deflection in Inches | Safe allowable design loads shown are concentrated at center of span on a simple beam. For Stair Treads with spans greater than 48", an intermediate stringer is strongly suggested. 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 Stair Treads.