



WIDTH (mm)	DEPTH (mm)	LBS./LF (kg/m)		LOAD/ DEFL	CLEAR SPAN								
		DIA-VENTED	SOLID		12"	18"	24"	30"	36"	42"	48"	54"	60"
7" (177.8)	1" (25.4)	1.666 (2.48)	1.855 (2.76)	U	5120	2275	1280	819	569	--	--	--	--
				D	0.075	0.108	0.250	0.300	0.433	--	--	--	--
				C	1493	995	746	597	497	--	--	--	--
				D	0.050	0.086	0.157	0.240	0.346	--	--	--	--
9" (228.6)	1-1/2" (38.1)	2.608 (3.88)	2.857 (4.25)	U	10163	4516	2541	1625	1129	829	634	--	--
				D	0.050	0.076	0.134	0.210	0.302	0.411	0.742	--	--
				C	3811	2541	1905	1524	1270	1089	952	--	--
				D	0.032	0.060	0.107	0.168	0.242	0.329	0.430	--	--
10" (254.0)	1" (24.4)	2.737 (4.07)	2.924 (4.35)	U	5975	2552	1491	954	661	483	370	--	--
				D	0.049	0.081	0.194	0.280	0.437	0.580	0.776	--	--
				C	2505	1668	1250	1000	831	708	621	--	--
				D	0.039	0.075	0.155	0.244	0.350	0.472	0.622	--	--
11" (279.4)	1-1/2" (38.1)	3.123 (4.65)	3.435 (5.11)	U	10129	4502	2532	1620	1125	826	633	500	404
				D	0.039	0.076	0.135	0.211	0.304	0.414	0.541	0.684	0.960
				C	4643	3095	2321	1857	1547	1326	1160	1031	928
				D	0.031	0.061	0.108	0.169	0.243	0.331	0.433	0.547	0.676
12" (304.8)	1-1/2" (38.1)	3.406 (5.07)	3.848 (5.73)	U	11185	4971	2796	1790	1243	913	699	552	447
				D	0.065	0.110	0.190	0.300	0.430	0.580	0.760	0.970	1.461
				C	5680	3787	2840	2272	1893	1623	1420	1262	1136
				D	0.060	0.090	0.150	0.240	0.380	0.470	0.610	0.770	1.024

U - Uniform Load - Lbs./Sf. D - Deflection in Inches C - Concentrated Load - Lbs./Ft. of Width at Mid Span | Loading and deflection values are based on the diamond-vented surface version of the product (solid by custom order), and a tensile bending stress of 19,000 PSI. 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 Extruded Plank Grating Stair Treads.

