

Recommended safe use load table for 5/8" particle board and EZ-Deck steel decking allowable uniformly distributed static live loads for deck material

Size (inches) W x D	Particle Board Decking	EZ-Deck Steel Decking	2 Sides Supported		4 Sides Supported		4 Sides + Center Supported		4 Sides + 2 Center Supported	
			LOAD (lbs.)	DEFL (ins)	LOAD (lbs.)	DEFL (ins)	LOAD (lbs.)	DEFL (ins)	LOAD (lbs.)	DEFL (ins)
36x12	HPB3612	HEZD3612	425	0.06	675	0.08				
36x18	HPB3618	HEZD3618	400	0.17	550	0.18				
36x24	HPB3624	HEZD3624	305	0.30	435	0.23				
36x30	HPB3630	HEZD3630	250	0.47	385	0.32				
36x36	HPB3636	HEZD3636	150	0.50	180	0.39				
42x12	HPB4212	HEZD4212	490	0.06	755	0.08				
42x18	HPB4218	HEZD4218	460	0.17	600	0.18				
42x24	HPB4224	HEZD4224	355	0.30	500	0.29				
42x30	HPB4230	HEZD4230	300	0.47	410	0.36				
42x36	HPB4236	HEZD4236	175	0.50	385	0.45				
48x12	HPB4812	HEZD4812	560	0.06	850	0.08	1160	0.08		
48x18	HPB4818	HEZD4818	525	0.17	635	0.18	770	0.10		
48x24	HPB4824	HEZD4824	405	0.30	530	0.30	700	0.11		
48x30	HPB4830	HEZD4830	325	0.47	440	0.40	705	0.12		
48x36	HPB4836	HEZD4836	200	0.50	400	0.50	755	0.12		
48x48	HPB4848	HEZD4848	85	0.50	275	0.50	920	0.13		
60x18	HPB6018	HEZD6018	660	0.17	735	0.18	835	0.12	1140	0.08
60x24	HPB6024	HEZD6024	505	0.30	615	0.32	700	0.15	1180	0.10
60x30	HPB6030	HEZD6030	410	0.47	520	0.46	650	0.16	1324	0.11
60x36	HPB6036	HEZD6036	250	0.50	380	0.50	665	0.17	1520	0.12
60x48	HPB6048	HEZD6048	105	0.50	230	0.50	750	0.18	2000	0.14
69x15	HPB6915	HEZD6915	900	0.11	950	0.12	1150	0.12	1250	0.11
69x30	HPB6930	HEZD6930	470	0.50	600	0.50	670	0.20	1220	0.13
72x18	HPB7218	HEZD7218	800	0.17	850	0.17	1000	0.15	1200	0.10
72x24	HPB7224	HEZD7224	605	0.30	680	0.31	770	0.19	1135	0.12
72x30	HPB7230	HEZD7230	500	0.47	610	0.50	680	0.21	1200	0.14
72x36	HPB7236	HEZD7236	300	0.50	390	0.50	655	0.23	1325	0.16
72x48	HPB7248	HEZD7248	130	0.50	215	0.50	685	0.25	1670	0.18
84x24	HPB8424	HEZD8424	705	0.30	765	0.31	870	0.23	1150	0.15
84x30	HPB8430	HEZD8430	570	0.47	650	0.49	735	0.27	1150	0.18
84x36	HPB8436	HEZD8436	355	0.50	415	0.50	670	0.29	1210	0.20
84x48	HPB8448	HEZD8448	150	0.50	215	0.50	660	0.33	1460	0.23
96x18	HPB9618	HEZD9618	1050	0.17	1115	0.17	1300	0.18	1500	0.15
96x24	HPB9624	HEZD9624	810	0.30	850	0.31	1000	0.26	1200	0.18
96x30	HPB9630	HEZD9630	655	0.47	710	0.49	800	0.32	1180	0.20
96x36	HPB9636	HEZD9636	405	0.50	450	0.50	710	0.36	1150	0.24

NOTE: The above load chart refers to the deck materials only. Particle board decking is 5/8" industrial grade type 1-M-2. EZ-Deck steel decking is 22 gauge galvanized sheet steel fabricated in 6" deep channel planks (models listed above include multiple planks to meet unit depth). 15" deep Ez-Deck will be shipped in two (2) 7 1/2" deep planks. The allowable shelf load capacity may be reduced due to allowable post and / or beam capacities. Specific deflection limits may also reduce the shelf load capacity. **NOTE: EZ-Deck must be center supported on units 48" wide and wider.**

