

Safety Grating Walkway Load Table

10-DIAMOND WALKWAY LOAD TABLE - 24" WIDTH																
MATERIAL GAUGE	WEIGHT LB./FT.	CATALOG NUMBER	SPAN													
			2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"
STEEL 14 GA.	8.9	104514-U	U	300	300	300	300	300	263	213	148	109	83	66	53	43
			D	.41	.41	.42	.45	.48	.47	.42	.40	.43	.47	.55	.64	.75
			C	400	400	400	400	400	400	400	380	333	296	266	242	
STEEL 12 GA.	12.5	104512-U	U	475	475	475	475	475	420	340	236	173	133	105	85	70
			D	.37	.37	.38	.40	.43	.43	.39	.37	.39	.44	.51	.59	.69
			C	900	900	900	900	900	850	709	607	531	472	425	387	354
D	.34	.34	.35	.35	.36	.37	.37	.34	.33	.33	.35	.37	.40	.44		

STRUT LOADING			
MATERIAL GAUGE	TYPE LOADING*	LOAD	DEFLECTION IN.
STEEL 14 GA.	U	300	.49
	Cs	300	.40
STEEL 12 GA.	U	475	.45
	Cs	475	.36

HEAVY DUTY WALKWAY LOAD TABLE - 24", 30", & 36" WIDTHS																			
MATERIAL GAUGE	WIDTH	CHANNEL DEPTH IN.	WEIGHT LB./FT.	CATALOG NUMBER	SPAN														
					4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	14'-0"	15'-0"	16'-0"	18'-0"	20'-0"	
STEEL 10 GA.	24"	5	17.5	H-55010-W	U	937	600	417	306	234	185	150	124	104	77	67	59	46	38
					D	.38	.39	.42	.38	.38	.38	.39	.47	.56	.77	.88	1.01	1.26	1.59
					C	3750	3000	2500	2143	1875	1667	1500	1364	1250	1071	1000	938	833	750
	30"	5	19.9	H-65010-W	U	916	586	407	299	229	182	146	121	102	75	65	57	45	36
					D	.37	.43	.40	.40	.46	.42	.41	.41	.49	.66	.75	.86	1.09	1.33
					C	4584	3666	3056	2619	2291	2037	1834	1667	1528	1309	1222	1146	1019	916
36"	5	22.7	H-85010-W	U	556	356	247	181	139	110	89	73	62	45	39	35	27	22	
				D	.39	.39	.33	.32	.33	.36	.39	.42	.51	.69	.79	.91	1.15	1.40	
				C	3330	2667	2222	1905	1667	1481	1333	1212	1111	952	889	833	741	667	
ALUM .150	30"	5	H-650-W .150-A	U	633	405	281	207	158	125	101	84	70						
				D	.31	.35	.40	.49	.58	.67	.77	.86	1.02						
				C	3163	2530	2108	1807	1581	1406	1265	1150	1054						
D	.25	.28	.32	.39	.47	.54	.61	.69	.82										

11 GA. & 9 GA. AVAILABLE BY SPECIAL ORDER

STRUT LOADING				
MATERIAL GAUGE, WIDTH	UNIFORM (U)		CONCENTRATED (Cs)	
	SERRATED	NON-SERR.	SERRATED	NON-SERR.
5-D 24"	912	1048	912	1048
STEEL 10 GA.	.11	.10	.08	.07
6-D 30"	494	563	618	704
STEEL 10 GA.	.14	.13	.11	.10
8-D 36"	343	391	515	587
STEEL 10 GA.	.20	.19	.16	.15
30" ALUM. .150	.75	.75	.60	.60

PERF-O GRIP WALKWAY LOAD TABLE - 24" & 30" WIDTHS																		
PLANK MATERIAL	WEIGHT LB./FT.	DEPTH INCHES	CATALOG NUMBER	SPAN														
				2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	
STEEL 11 GA. 24" WIDE	11.8	5	P135011W	U	5751	3681	2556	1878	1438	1136	920	639	469	359	284	230	190	160
				D	.02	.02	.04	.05	.06	.08	.10	.14	.19	.25	.31	.39	.47	.56
				C	9504	7604	6336	5431	4752	4224	3802	3168	2715	2376	2112	1901	1728	1584
				D	.01	.01	.02	.03	.04	.05	.06	.08	.11	.15	.19	.23	.28	.34
STEEL 11 GA. 30" WIDE	13.6	5	P165011W	U	3868	2475	1719	1263	967	764	619	430	316	242	191	155	128	107
				D	.01	.02	.03	.04	.05	.06	.08	.12	.16	.20	.26	.32	.39	.46
				C	9534	7627	6356	5448	4767	4237	3813	3178	2724	2383	2119	1907	1733	1589
				D	.01	.01	.02	.03	.04	.05	.06	.08	.11	.15	.19	.23	.28	.33

