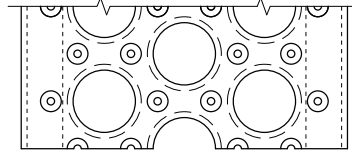
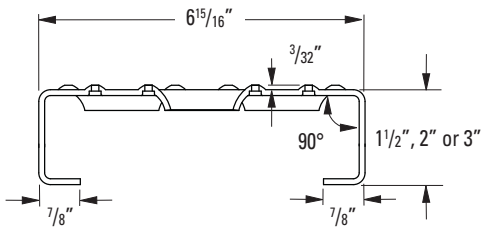
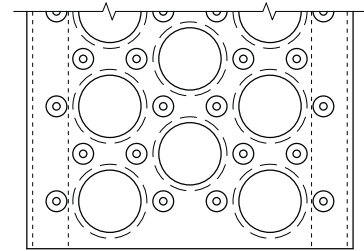


# Grating Load Tables

## PERF-O GRIP™ — 3-Hole Plank — 7" Width



PERF-O GRIP



PERF-O GRIP 2

### Plank Selection/Design Tables

Allowable Loads and Deflections: U=Uniform Load (lb./ft.<sup>2</sup>) C= Concentrated Load (lb.) D=Deflection (in.)

Material Gauge	Channel Depth in. (mm)	Weight lb./lin. ft. (kg/m)	Catalog Number	Span																	
				2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	
Steel 13 ga.	1 1/2" (38.1)	3.0 (4.4)	P31513* A31513	U	1536	984	685	504	387	306	249	206	174	149	129	112	100	79	65	55	46
				D	.05	.07	.11	.14	.19	.24	.29	.36	.43	.50	.58	.67	.77	.98	1.22	1.51	1.81
				C	914	731	609	522	457	406	366	332	305	283	263	246	232	208	190	174	162
				D	.04	.06	.08	.12	.15	.19	.24	.29	.34	.40	.47	.54	.61	.78	.98	1.20	1.44
				U	1965	1473	1024	754	578	458	371	307	259	222	192	167	147	118	96	80	68
				D	.03	.06	.08	.11	.14	.18	.23	.27	.33	.38	.44	.51	.58	.74	.92	1.13	1.36
	2" (50.8)	3.3 (4.9)	P32013* A32013	C	1369	1096	913	783	685	609	548	498	456	421	391	366	344	308	279	257	237
				D	.03	.05	.07	.09	.12	.15	.18	.22	.26	.31	.35	.41	.47	.59	.74	.90	1.08
				U	1981	1269	883	650	498	394	320	265	224	191	165	144	128	101	83	69	59
				D	.05	.07	.11	.15	.19	.24	.30	.36	.43	.51	.59	.68	.78	.98	1.22	1.50	1.81
				C	1165	932	777	666	582	518	467	426	391	362	337	316	297	266	241	222	205
				D	.04	.06	.09	.12	.15	.19	.24	.29	.34	.40	.47	.54	.62	.79	.98	1.20	1.44
Steel 11 ga.	1 1/2" (38.1)	4.2 (6.2)	P31511* A31511	U	2899	1978	1375	1012	776	614	498	411	347	302	261	228	201	160	130	108	92
				D	.03	.06	.08	.11	.15	.19	.23	.28	.34	.40	.47	.54	.62	.78	.97	1.18	1.42
				C	1762	1410	1175	1032	904	805	726	661	607	573	533	499	469	420	380	348	321
				D	.03	.05	.07	.09	.12	.15	.19	.23	.27	.32	.37	.43	.49	.63	.78	.95	1.14
				U	5806	3716	2581	1898	1454	1150	932	771	649	554	479	417	367	291	236	196	166
				D	.03	.04	.06	.08	.11	.13	.17	.20	.24	.28	.33	.37	.43	.54	.67	.81	.98
	2" (50.8)	4.5 (6.7)	P32011* A32011	C	3188	2550	2125	1822	1594	1417	1275	1159	1132	1050	976	913	857	764	690	630	581
				D	.02	.03	.04	.06	.07	.10	.12	.15	.19	.22	.26	.30	.34	.43	.54	.65	.78
				U	2138	1491	1035	761	582	460	372	308	258	221	190	166	146	115	93	77	65
				D	.07	.14	.20	.27	.35	.44	.54	.66	.78	.92	1.07	1.23	1.39	1.76	2.18	2.64	3.14
				C	1509	1207	1006	862	755	671	604	549	503	464	431	402	377	335	302	274	252
				D	.07	.11	.16	.21	.28	.35	.44	.53	.63	.74	.85	.98	1.12	1.41	1.74	2.11	2.51
Alum. 0.125"	2" (50.8)	1.5 (2.2)	P32012S* A32012S	U	1419	1399	971	714	546	432	350	289	243	207	178	155	137	107	88	72	61
				D	.03	.07	.10	.13	.17	.22	.27	.33	.39	.46	.53	.61	.70	.88	1.09	1.31	1.56
				C	1275	1021	850	729	638	567	510	464	425	392	365	341	319	283	255	232	213
				D	.03	.05	.08	.11	.14	.18	.22	.26	.31	.37	.43	.49	.56	.70	.87	1.05	1.25
				U	1419	1399	971	714	546	432	350	289	243	207	178	155	137	107	88	72	61
				D	.03	.07	.10	.13	.17	.22	.27	.33	.39	.46	.53	.61	.70	.88	1.09	1.31	1.56
Stainless Steel 16 ga.	2" (50.8)	2.4 (3.6)	P32016S* A32016S	C	1275	1021	850	729	638	567	510	464	425	392	365	341	319	283	255	232	213
				D	.03	.05	.08	.11	.14	.18	.22	.26	.31	.37	.43	.49	.56	.70	.87	1.05	1.25
				U	1419	1399	971	714	546	432	350	289	243	207	178	155	137	107	88	72	61
				D	.03	.07	.10	.13	.17	.22	.27	.33	.39	.46	.53	.61	.70	.88	1.09	1.31	1.56
				C	1275	1021	850	729	638	567	510	464	425	392	365	341	319	283	255	232	213
				D	.03	.05	.08	.11	.14	.18	.22	.26	.31	.37	.43	.49	.56	.70	.87	1.05	1.25

\* PERF-O GRIP: To order standard PERF-O GRIP grating use part number "Pxxxxx".

PERF-O GRIP 2: To order New PERF-O GRIP 2 grating use part number "Axxxxx". End margins are standard on new PERF-O GRIP 2 grating 2-Hole through 6-Hole plank only ( 5" through 12" widths). Standard lengths are 10'-0" and 12'-0".