

## Perf-O Grip Safety Grating Load Tables

ALLOWABLE LOADS AND DEFLECTIONS: U – UNIFORM LOAD (LB./FT.), C – CONCENTRATED LOAD (LB.), D – DEFLECTION (IN.). SPANS TO THE LEFT OF HEAVY LINE PRODUCE A DEFLECTION OF 1/4" OR LESS UNDER A UNIFORM LOAD OF 100 LBS. PER SQUARE FOOT. FOR PERF-O GRIP PRODUCT WIDTHS GREATER THAN 12", USE OF GRATING SPLICE KIT IS RECOMMENDED TO MECHANICALLY JOIN BUTT ENDS OF LENGTH.

### Perf-O Grip® 2-Hole Plank – 5" Width

PRODUCT SELECTION/DESIGN TABLES																
PLANK MATERIAL	CHANNE L DEPTH	WEIGH T LB./ LIN. FT.	CATALOG NUMBER	SPAN												
				3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	9'-0"	
STEEL 13 GA.	1-1/2	2.6	P21513	U	895	659	505	400	325	269	227	194	168	146	130	103
				D	.11	.15	.20	.25	.31	.38	.45	.53	.62	.71	.82	1.04
				C	559	481	421	375	338	308	284	263	244	229	216	194
	2	2.8	P22013	U	1352	994	762	603	490	405	341	292	253	221	194	155
				D	.09	.12	.15	.19	.23	.29	.34	.41	.47	.54	.62	.79
				C	849	725	636	568	510	465	427	395	368	344	324	290
ALUM. .125	1-1/2	1.3	P220.125A	U	1294	950	728	575	466	385	323	276	237	207	182	143
				D	.18	.24	.32	.40	.50	.60	.72	.84	.98	1.12	1.27	1.61
				C	809	693	606	539	485	441	404	373	346	323	303	270
	2	2.1	P22016S	U	1422	1046	800	632	512	424	355	303	262	227	200	159
				D	.12	.16	.21	.26	.32	.39	.46	.54	.63	.72	.82	1.04
				C	849	725	636	568	510	465	427	395	368	344	324	290
STAINLES S STEEL 16 GA.	1-1/2	2.1	P22014S	U	1673	1230	942	744	602	498	418	357	307	267	235	186
				D	.13	.17	.22	.27	.34	.41	.49	.57	.66	.77	.87	1.10
				C	1046	896	784	697	627	570	523	482	448	418	392	349
	2	2.3	P22014S	U	1673	1230	942	744	602	498	418	357	307	267	235	186
				D	.13	.17	.22	.27	.34	.41	.49	.57	.66	.77	.87	1.10
				C	1046	896	784	697	627	570	523	482	448	418	392	349

### Perf-O Grip® 6-Hole Plank – 12" Width

PRODUCT SELECTION/DESIGN TABLES																
PLANK MATERIAL	CHANNE L DEPTH	WEIGH T LB./ LIN. FT.	CATALOG NUMBER	SPAN												
				3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	9'-0"	
STEEL 13 GA.	1-1/2	4.3	P61513	U	456	336	258	204	166	138	117	100	87	76	67	54
				D	.10	.13	.17	.22	.27	.33	.40	.47	.55	.63	.72	.92
				C	684	588	516	460	416	380	349	325	303	285	268	241
	2	4.6	P62013	U	671	493	378	299	243	201	170	145	126	110	97	77
				D	.07	.10	.13	.16	.20	.24	.29	.34	.40	.46	.53	.68
				C	961	862	756	673	608	559	509	472	440	413	388	349
STEEL 11 GA.	1-1/2	5.3	P61511	U	515	378	291	230	188	156	131	112	97	85	75	60
				D	.09	.12	.16	.21	.25	.31	.37	.43	.50	.57	.65	.82
				C	821	703	615	547	492	448	410	379	352	328	308	274
	2	5.5	P62011	U	861	633	486	385	312	259	218	186	161	140	124	99
				D	.17	.23	.30	.38	.47	.57	.68	.79	.92	1.05	1.20	1.52
				C	1292	1109	971	865	781	712	654	604	563	527	496	444
ALUM. .125	1-1/2	2.1	P620.125A	U	1701	1250	957	757	614	507	427	365	315	274	242	192
				D	.05	.07	.10	.12	.15	.18	.22	.25	.29	.34	.39	.49
				C	2299	1971	1724	1533	1405	1396	1282	1185	1102	1030	968	864
	2	3.2	P62016S	U	650	478	366	290	235	194	163	140	120	104	93	73
				D	.17	.23	.30	.38	.47	.57	.68	.79	.92	1.05	1.20	1.52
				C	1075	921	806	716	645	587	537	496	461	430	404	358
STAINLES S STEEL 16 GA.	1-1/2	3.2	P62014S	U	573	421	322	255	206	170	143	122	105	91	80	64
				D	.10	.13	.17	.22	.27	.33	.39	.46	.53	.61	.69	.88
				C	835	715	626	556	501	469	430	397	368	343	322	286
	2	3.8	P62014S	U	647	475	365	288	233	193	162	138	119	104	82	65
				D	.10	.13	.17	.21	.26	.32	.38	.44	.51	.59	.65	.83
				C	944	809	708	629	583	529	486	446	416	389	365	323

### Perf-O Grip® 3-Hole Plank – 7" Width

PRODUCT SELECTION/DESIGN TABLES																
PLANK MATERIAL	CHANNE L DEPTH	WEIGH T LB./ LIN. FT.	CATALOG NUMBER	SPAN												
				3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	9'-0"	
STEEL 13 GA.	1-1/2	3.0	P31513	U	685	504	387	306	249	206	174	149	129	112	100	79
				D	.11	.14	.19	.24	.29	.36	.43	.50	.58	.67	.77	.98
				C	609	522	457	406	366	332	305	283	263	246	232	208
	2	3.3	P32013	U	1024	754	578	458	371	307	259	222	192	167	147	118
				D	.08	.11	.14	.18	.23	.27	.33	.38	.44	.51	.58	.74
				C	913	783	685	609	548	498	456	421	391	366	344	308
STEEL 11 GA.	1-1/2	4.2	P31511	U	883	650	498	394	320	265	224	191	165	144	128	101
				D	.11	.15	.19	.24	.30	.36	.43	.51	.59	.68	.78	.98
				C	777	666	582	518	467	426	391	362	337	316	297	266
	2	4.5	P32011	U	1375	1012	776	614	498	411	347	302	261	228	201	160
				D	.08	.11	.15	.19	.23	.28	.34	.40	.47	.54	.62	.78
				C	1175	1032	904	805	726	661	607	573	533	499	469	420
ALUM. .125	1-1/2	1.5	P320.125A	U	2581	1898	1454	1150	932	771	649	554	479	417	367	291
				D	.06	.08	.11	.13	.17	.20	.24	.28	.33	.37	.43	.54
				C	2125	1822	1594	1417	1275	1159	1132	1050	976	913	857	764
	2	2.4	P32016S	U	1035	761	582	460	372	308	258	221	190	166	146	115
				D	.20	.27	.35	.44	.54	.66	.78	.92	1.07	1.23	1.39	1.76
				C	1006	862	755	671	604	549	503	464	431	402	377	335
STAINLES S STEEL 16 GA.	1-1/2	2.4	P32014S	U	971	714	546	432	350	289	243	207	178	155	137	107
				D	.10	.13	.17	.22	.27	.33	.39	.46	.53	.61	.70	.88
				C	850	729	638	567	510	464	425	392	365	341	319	283
	2	2.8	P32014S	U	1091	801	614	485	393	325	273	232	200	175	153	121
				D	.10	.14	.18	.22	.27	.33	.40	.47	.54	.62	.70	.89
				C	954	818	715	637	573	521	478	440	409	382	358	318

### Perf-O Grip® 10-Hole Plank – 18" Width

PRODUCT SELECTION/DESIGN TABLES																
PLANK MATERIAL	CHANNE L DEPTH	WEIGH T LB./ LIN. FT.	CATALOG NUMBER	SPAN												
				3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	9'-0"	
STEEL 13 GA.	1-1/2	5.7	P101513	U	317	233	179	142	116	96	82	69	60	52	45	36
				D	.10	.13	.17	.21	.26	.32	.39	.45	.52	.60	.68	.86
				C	642	551	485	431	397	366	337	314	293	274	256	231
	2	6.0	P102013	U	476	350	268	212	173	143	121	103	90	78	69	55
				D	.07	.10	.13	.16	.20	.24	.29	.34	.40	.46	.53	.67
				C	968	830	726	645	581	528	509	489	470	439	411	366
STEEL 11 GA.	1-1/2	6.8	P101511	U	347	255	196	156	127	105	89	76	66	58	52	41
				D	.09	.12	.15	.19	.24	.29	.34	.40	.47	.53	.61	.77
				C	838	718	625	559	503	457	419	387	359	335	314	279
	2	7.1	P102011	U	555	408	314	249	201	167	141	121	104	91	80	64
				D	.07	.09	.12	.15	.18	.22	.26	.31	.35	.41	.46	.59
				C	1283	1099	962	855	770	700	641	592	550	514	484	434
ALUM. .125	1-1/2	2.8	P1020.125A	U	1189	873	669	528	428	354	297	254	219	190	167	132
				D	.05	.07	.09	.11	.14	.17	.20	.24	.28	.31	.36	.45
				C	2354	2018	1766	1569	1412	1284	1177	1141	1106	1070	1030	892
	2	3.2	P1020.125A	U	441	324	248	196	158	131	110	94	81	70	62	49
				D	.16	.21	.28	.35	.44	.53	.63	.74	.86	.98	1.12	1.42
				C	1102	944	826	734	661	601	551	508	472	441	413	367

### Perf-O Grip® 5-Hole Plank – 10" Width

PRODUCT SELECTION/DESIGN TABLES																
PLANK MATERIAL	CHANNE L DEPTH	WEIGH T LB./ LIN. FT.	CATALOG NUMBER	SPAN												
				3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	9'-0"	
STEEL 13 GA.	1-1/2	3.5	P51513	U	517	380	291	230	187	154	129	110	95	83	73	58
				D	.11	.15	.19	.24	.30	.36	.43	.51	.59	.		