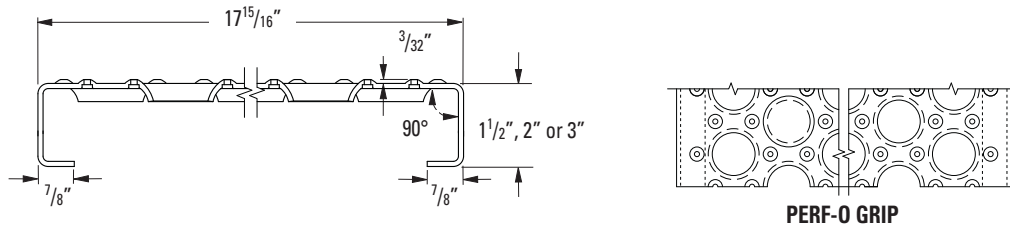


Grating Load Tables

PERF-O GRIP™ — 10-Hole Plank — 18" Width



Plank Selection/Design Tables

Allowable Loads and Deflections: U=Uniform Load (lb./ft.²) 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)	5.7 (8.5)	P101513	U	714	457	317	233	179	142	116	96	82	69	60	52	45	36	29	24	21
				D	.04	.07	.10	.13	.17	.21	.26	.32	.39	.45	.52	.60	.68	.86	1.05	1.27	1.56
				C	964	771	642	551	495	481	434	397	366	337	314	293	274	243	220	199	183
				D	.03	.04	.07	.09	.12	.17	.21	.26	.31	.36	.42	.48	.55	.69	.85	1.03	1.23
				U	1072	686	476	350	268	212	173	143	121	103	90	78	69	55	44	36	31
				D	.03	.05	.07	.10	.13	.16	.20	.24	.29	.34	.40	.46	.53	.67	.82	.98	1.19
	2" (50.8)	6.0 (8.9)	P102013	C	1452	1162	968	830	726	645	581	528	509	489	470	439	411	366	329	299	274
				D	.02	.03	.05	.06	.09	.12	.14	.17	.22	.27	.32	.37	.42	.53	.65	.79	.94
				U	781	500	347	255	196	156	127	105	89	76	66	58	52	41	34	29	25
				D	.04	.06	.09	.12	.15	.19	.24	.29	.34	.40	.47	.53	.61	.77	.96	1.20	1.45
				C	1257	1006	838	718	629	559	503	457	419	387	359	335	314	279	253	234	219
				D	.03	.05	.07	.09	.12	.15	.19	.23	.27	.32	.37	.43	.49	.62	.76	.94	1.14
Steel 11 ga.	1 1/2" (38.1)	6.8 (10.1)	P101511	U	1250	800	555	408	314	249	201	167	141	121	104	91	80	64	53	44	37
				D	.03	.05	.07	.09	.12	.15	.18	.22	.26	.31	.35	.41	.46	.59	.74	.91	1.08
				C	1924	1539	1283	1099	962	855	770	700	641	592	550	514	484	434	395	363	337
				D	.02	.04	.05	.07	.09	.12	.14	.17	.21	.24	.28	.33	.37	.48	.59	.73	.87
				U	2675	1712	1189	873	669	528	428	354	297	254	219	190	167	132	107	89	74
				D	.02	.04	.05	.07	.09	.11	.14	.17	.20	.24	.28	.31	.36	.45	.56	.68	.81
	2" (50.8)	7.1 (10.5)	P102011	C	3531	2825	2354	2018	1766	1569	1412	1284	1177	1141	1106	1070	1003	892	802	730	669
				D	.01	.02	.03	.04	.06	.08	.10	.12	.14	.20	.23	.25	.29	.36	.45	.54	.65
				U	992	635	441	324	248	196	158	131	110	94	81	70	62	49	40	33	27
				D	.07	.10	.16	.21	.28	.35	.44	.53	.63	.74	.86	.98	1.12	1.42	1.75	2.11	2.52
				C	1652	1322	1102	944	826	734	661	601	551	508	472	441	413	367	330	300	275
				D	.05	.08	.13	.17	.22	.28	.35	.42	.50	.59	.69	.79	.89	1.13	1.40	1.69	2.01
Alum. 0.125"	2" (50.8)	2.8 (4.1)	P1020125	U	992	635	441	324	248	196	158	131	110	94	81	70	62	49	40	33	27
				D	.07	.10	.16	.21	.28	.35	.44	.53	.63	.74	.86	.98	1.12	1.42	1.75	2.11	2.52
				C	1652	1322	1102	944	826	734	661	601	551	508	472	441	413	367	330	300	275
				D	.05	.08	.13	.17	.22	.28	.35	.42	.50	.59	.69	.79	.89	1.13	1.40	1.69	2.01

PERF-O GRIP: To order standard PERF-O GRIP grating use part number "Pxxxxx". Standard lengths are 10'-0" and 12'-0".