

GAUGE	WIDTH (mm)	LBS./LF (kg/m)	LOAD/DEFL	CLEAR SPAN																
				24"	36"	48"	60"	72"	84"	96"	108"	120"	132"	144"	156"	168"	180"	192"	204"	216"
18	6" (152.4)	2.62 (3.90)	U	2141	954	538	346	241	178	137	109	89	74	63	54	47	42	37	33	30
			D	0.04	0.09	0.16	0.25	0.36	0.50	0.65	0.83	0.04	1.27	1.52	1.80	2.11	2.45	2.82	3.23	3.67
			C	1053	715	538	432	362	312	274	246	223	204	189	176	165	156	148	141	135
			D	0.04	0.07	0.13	0.20	0.29	0.40	0.52	0.67	0.83	1.01	1.22	1.44	1.69	1.96	2.26	2.58	2.93
	9" (228.6)	3.16 (4.70)	U	1552	691	390	251	175	129	100	79	65	54	46	40	35	30	27	24	21
			D	0.05	0.10	0.18	0.28	0.41	0.56	0.74	0.95	1.18	1.44	1.73	2.05	2.41	2.80	3.22	3.69	4.01
			C	705	705	585	470	394	339	299	268	243	223	207	193	181	171	163	153	145
			D	0.02	0.07	0.14	0.23	0.33	0.45	0.59	0.76	0.94	1.15	1.38	1.64	1.93	2.24	2.58	2.91	3.27
	12" (304.8)	3.70 (5.51)	U	1057	552	312	200	140	103	80	64	52	43	36	31	27	23	20	18	16
			D	0.03	0.10	0.17	0.27	0.39	0.54	0.71	0.90	1.13	1.38	1.61	1.91	2.23	2.47	2.83	3.20	3.60
			C	529	529	529	501	420	362	319	286	260	239	217	207	194	184	175	167	160
			D	0.01	0.05	0.12	0.22	0.31	0.43	0.57	0.72	0.90	1.09	1.33	1.57	1.85	2.15	2.48	2.85	3.24
16	6" (152.4)	3.22 (4.79)	U	2774	1235	696	447	312	230	177	140	114	95	81	69	60	53	47	42	38
			D	0.04	0.09	0.17	0.26	0.38	0.51	0.67	0.86	1.06	1.30	1.55	1.84	2.15	2.49	2.86	3.26	3.69
			C	1134	926	696	559	467	402	354	316	286	262	242	225	211	198	188	178	170
			D	0.02	0.07	0.13	0.21	0.30	0.41	0.54	0.69	0.85	1.04	1.24	1.47	1.72	1.99	2.29	2.61	2.95
	9" (228.6)	3.89 (5.79)	U	1949	869	491	316	220	163	126	100	82	69	58	49	43	37	33	29	26
			D	0.05	0.10	0.18	0.29	0.41	0.57	0.75	0.96	1.19	1.46	1.76	2.05	2.39	2.69	3.16	3.48	3.92
			C	851	851	736	592	496	428	378	339	308	283	261	241	224	209	196	184	174
			D	0.02	0.09	0.15	0.23	0.33	0.45	0.60	0.76	0.95	1.17	1.40	1.64	1.90	2.19	2.48	2.77	3.15
	12" (304.8)	4.55 (6.77)	U	1276	655	370	238	166	123	95	76	62	52	44	37	32	28	24	22	20
			D	0.03	0.10	0.17	0.27	0.39	0.54	0.71	0.91	1.13	1.39	1.67	1.94	2.21	2.55	2.81	3.34	3.59
			C	638	638	638	595	499	432	381	342	312	285	261	241	224	209	196	184	174
			D	0.01	0.05	0.12	0.22	0.31	0.43	0.57	0.72	0.91	1.10	1.31	1.53	1.78	2.04	2.34	2.63	2.94
14	6" (152.4)	3.98 (5.92)	U	3722	1654	931	596	414	304	233	184	149	123	103	88	76	66	58	52	46
			D	0.05	0.10	0.18	0.29	0.42	0.56	0.74	0.93	1.15	1.39	1.65	1.93	2.25	2.57	2.91	3.32	3.70
			C	1461	1241	931	744	620	532	465	414	372	338	310	286	266	248	233	219	207
			D	0.03	0.09	0.14	0.23	0.33	0.45	0.58	0.74	0.92	1.11	1.32	1.55	1.80	2.06	2.36	2.65	2.98
	9" (228.6)	4.80 (7.14)	U	2357	1050	593	381	266	196	151	121	98	82	70	58	50	45	40	36	32
			D	0.04	0.10	0.18	0.28	0.41	0.56	0.74	0.94	1.17	1.43	1.72	1.88	2.21	2.57	2.96	3.39	3.85
			C	974	974	889	714	598	516	454	407	369	339	314	282	265	250	238	227	218
			D	0.02	0.07	0.14	0.23	0.33	0.45	0.59	0.75	0.94	1.14	1.38	1.50	1.77	2.05	2.37	2.71	3.08
	12" (304.8)	5.62 (8.36)	U	1276	783	442	284	199	147	113	90	74	62	52	44	38	35	29	28	25
			D	0.03	0.10	0.17	0.27	0.39	0.54	0.71	0.91	1.13	1.38	1.63	1.94	2.20	2.70	2.92	3.58	4.08
			C	730	730	730	711	596	514	454	407	370	338	310	286	266	248	233	219	207
			D	0.01	0.05	0.12	0.22	0.31	0.43	0.57	0.72	0.90	1.09	1.31	1.53	1.77	2.04	2.33	2.63	2.96

U - Uniform Load - Lbs. per Square Foot

D - Deflection - in Inches

C - Concentrated Load - Lbs. per Square Foot of Width at Mid Span

- Values to the left of the bolded black line are considered safe allowable loads with deflections equal to or less than L/120. Values to the left of the bolded green line (including values to the left of the bolded black line) are considered safe allowable loads with deflections equal to or less than L/240.
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