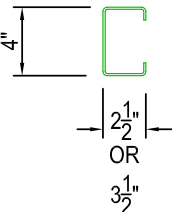
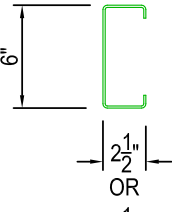


FLEXOSPAN STANDARD LOAD TABLE FOR 4" AND 6" CEEs

Allowable uniform loads in Pounds per linear foot										
4" CEE			Simple Span							
			16 Gauge		14 Gauge		12 Gauge		10 Gauge	
Section	Bay		2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.
	8 ft	Lbs./L.f.	223	248	297	327	437	496	551	690
		Deflection	.450"	.385"	.487"	.412"	.529"	.459"	.536"	.511"
	10 ft	Lbs./L.f.	143	158	190	209	280	317	352	441
		Deflection	.704"	.599"	.761"	.643"	.827"	.716"	.836"	.797"
	12 ft	Lbs./L.f.	99	110	132	145	194	220	244	306
		Deflection	1.011"	.864"	1.097"	.925"	1.189"	1.031"	1.201"	1.147"
	14 ft	Lbs./L.f.	73	81	97	106	143	162	180	225
		Deflection	1.382"	1.179"	1.493"	1.253"	1.623"	1.407"	1.642"	1.563"
	16 ft	Lbs./L.f.	55	62	74	81	109	124	137	172
		Deflection	1.776"	1.540"	1.943"	1.633"	2.111"	1.837"	2.132"	2.038"
	18 ft	Lbs./L.f.	44	49	58	64	86	98	108	136
		Deflection	2.275"	1.949"	2.440"	2.067"	2.668"	2.325"	2.692"	2.582"
	20 ft	Lbs./L.f.	35	39	47	52	70	79	88	110
		Deflection	2.759"	2.365"	3.013"	2.560"	3.310"	2.857"	3.343"	3.183"

Allowable uniform loads in Pounds per linear foot										
6" CEE			Simple Span							
			16 Gauge		14 Gauge		12 Gauge		10 Gauge	
Section	Bay		2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.
	8 ft	Lbs./L.f.	351	380	473	516	731	-	-	-
		Deflection	.278"	.237"	.303"	.261"	.344"	-	-	-
	10 ft	Lbs./L.f.	225	243	303	330	468	520	609	720
		Deflection	.435"	.370"	.475"	.407"	.537"	.469"	.558"	.516"
	12 ft	Lbs./L.f.	156	169	210	229	325	361	423	500
		Deflection	.625"	.534"	.682"	.586"	.773"	.674"	.803"	.743"
	14 ft	Lbs./L.f.	114	124	154	168	238	265	311	367
		Deflection	.846"	.726"	.926"	.796"	1.049"	.917"	1.094"	1.010"
	16 ft	Lbs./L.f.	87	95	118	129	182	203	238	281
		Deflection	1.101"	.949"	1.211"	1.043"	1.369"	1.199"	1.428"	1.320"
	18 ft	Lbs./L.f.	69	75	93	102	144	160	188	222
		Deflection	1.399"	1.200"	1.529"	1.321"	1.735"	1.513"	1.807"	1.670"
	20 ft	Lbs./L.f.	56	60	75	82	117	130	152	180
		Deflection	1.731"	1.463"	1.879"	1.619"	2.148"	1.874"	2.227"	2.064"
	22 ft	Lbs./L.f.	46	50	62	68	96	107	126	148
		Deflection	2.081"	1.785"	2.274"	1.965"	2.580"	2.258"	2.703"	2.485"
	24 ft	Lbs./L.f.	39	42	52	57	81	90	105	125
		Deflection	2.499"	2.124"	2.702"	2.333"	3.084"	2.690"	3.190"	2.972"
	26 ft	Lbs./L.f.	33	36	44	48	69	76	90	106
		Deflection	2.913"	2.508"	3.149"	2.706"	3.618"	3.129"	3.766"	3.471"
	28 ft	Lbs./L.f.	28	31	38	42	59	65	77	91
		Deflection	3.324"	2.904"	3.658"	3.185"	4.161"	3.600"	4.334"	4.009"

Notes: 1. The weight of the section has not been subtracted from these values. 2. Both flanges of member must be fully braced. 3. These loads are based on the transfer of the support loads directly to the web of the section by the use of clips or plates. For flanges bearing directly on structural, contact factory for section selection. 4. Loads shown are based on 55 KSI yield strength steel. 5. Loads shown are stress governing. When deflection limits are specified, contact factory. 6. These sample calculations are very basic. Many different variables can affect loading. For instance; drift loading, building height, geographic location, etc. Please consult Flexospan if special conditions exist. 7. The selection of sections for your application is subject to final approval by your design professional. 8. Capacity values have been calculated in accordance with the AISI 2016 design manual. 9. Values shown in the load tables for three or more spans are based on uniform bay spacings. If non-uniform bay spacings exist, contact factory.

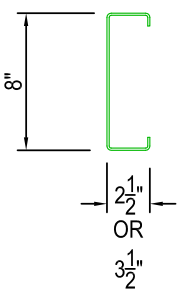
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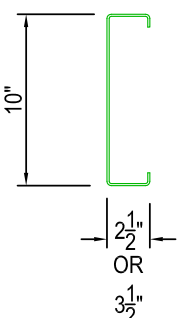


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FLEXOSPAN STANDARD LOAD TABLE FOR 8" AND 10" CEEs

Allowable uniform loads in Pounds per linear foot

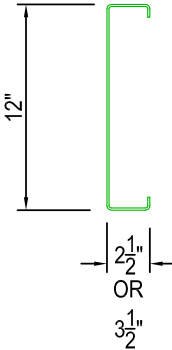
8" CEE			Simple Span							
Section	Bay		16 Gauge		14 Gauge		12 Gauge		10 Gauge	
			2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.
	12 ft	Lbs./Lf.	214	229	291	313	457	498	627	698
		Deflection	.436"	.376"	.480"	.415"	.550"	.480"	.602"	.534"
	14 ft	Lbs./Lf.	157	168	213	230	335	366	460	513
		Deflection	.593"	.510"	.651"	.565"	.747"	.654"	.819"	.727"
	16 ft	Lbs./Lf.	120	128	163	176	257	280	353	392
		Deflection	.773"	.663"	.850"	.737"	.978"	.854"	1.072"	.948"
	18 ft	Lbs./Lf.	95	101	129	139	203	221	278	310
		Deflection	.980"	.839"	1.077"	.933"	1.238"	1.079"	1.352"	1.200"
	20 ft	Lbs./Lf.	77	82	104	112	164	179	225	251
		Deflection	1.211"	1.038"	1.324"	1.145"	1.524"	1.333"	1.668"	1.481"
	22 ft	Lbs./Lf.	63	68	86	93	136	148	186	207
		Deflection	1.451"	1.260"	1.603"	1.393"	1.850"	1.613"	2.019"	1.789"
	24 ft	Lbs./Lf.	53	57	72	78	114	124	156	174
		Deflection	1.729"	1.496"	1.901"	1.654"	2.197"	1.914"	2.398"	2.130"
	26 ft	Lbs./Lf.	45	48	62	66	97	106	133	148
		Deflection	2.022"	1.735"	2.254"	1.928"	2.574"	2.254"	2.816"	2.495"
	28 ft	Lbs./Lf.	39	42	53	57	83	91	115	128
		Deflection	2.357"	2.042"	2.592"	2.239"	2.963"	2.602"	3.275"	2.902"
	30 ft	Lbs./Lf.	34	36	46	50	73	79	100	111
		Deflection	2.708"	2.306"	2.964"	2.589"	3.434"	2.977"	3.753"	3.317"

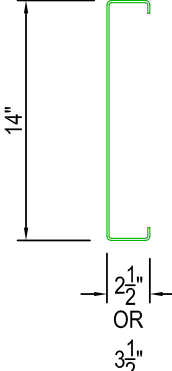
10" CEE			Simple Span							
Section	Bay		16 Gauge		14 Gauge		12 Gauge		10 Gauge	
			2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.
	20 ft	Lbs./Lf.	97	-	133	143	212	230	295	324
		Deflection	.896"	-	.993"	.871"	1.152"	1.018"	1.276"	1.138"
	22 ft	Lbs./Lf.	80	-	110	118	175	190	244	267
		Deflection	1.082"	-	1.202"	1.053"	1.393"	1.231"	1.545"	1.373"
	24 ft	Lbs./Lf.	67	-	92	99	147	159	205	224
		Deflection	1.283"	-	1.424"	1.251"	1.657"	1.459"	1.838"	1.632"
	26 ft	Lbs./Lf.	57	-	78	84	125	136	175	191
		Deflection	1.503"	-	1.663"	1.462"	1.940"	1.719"	2.162"	1.916"
	28 ft	Lbs./Lf.	49	-	68	73	108	117	150	165
		Deflection	1.738"	-	1.950"	1.709"	2.255"	1.989"	2.492"	2.227"
	30 ft	Lbs./Lf.	43	-	59	63	94	102	131	144
		Deflection	2.010"	-	2.229"	1.943"	2.586"	2.285"	2.868"	2.561"
	32 ft	Lbs./Lf.	38	-	52	55	82	89	115	126
		Deflection	2.300"	-	2.544"	2.196"	2.921"	2.581"	3.260"	2.901"
	34 ft	Lbs./Lf.	33	-	46	49	73	79	102	112
		Deflection	2.545"	-	2.868"	2.493"	3.314"	2.920"	3.684"	3.286"
	36 ft	Lbs./Lf.	30	-	41	44	65	71	91	100
		Deflection	2.908"	-	3.212"	2.814"	3.708"	3.298"	4.132"	3.688"
	36 ft	Lbs./Lf.	26	-	36	39	58	63	81	89
		Deflection	3.129"	-	3.502"	3.097"	4.108"	3.633"	4.475"	4.075"

Notes: 1. The weight of the section has not been subtracted from these values. 2. Both flanges of member must be fully braced. 3. These loads are based on the transfer of the support loads directly to the web of the section by the use of clips or plates. For flanges bearing directly on structural, contact factory for section selection. 4. Loads shown are based on 55 KSI yield strength steel. 5. Loads shown are stress governing. When deflection limits are specified, contact factory. 6. These sample calculations are very basic. Many different variables can affect loading. For instance; drift loading, building height, geographic location, etc. Please consult Flexospan if special conditions exist. 7. The selection of sections for your application is subject to final approval by your design professional. 8. Capacity values have been calculated in accordance with the AISI 2016 design manual. 9. Values shown in the load tables for three or more spans are based on uniform bay spacings. If non-uniform bay spacings exist, contact factory.

FLEXOSPAN STANDARD LOAD TABLE FOR 12" AND 14" CEEs

Allowable uniform loads in Pounds per linear foot

12" CEE			Simple Span							
Section	Bay		16 Gauge		14 Gauge		12 Gauge		10 Gauge	
			2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.
	20 ft	Lbs./Lf.	-	-	160	173	258	280	366	400
		Deflection	-	-	.767"	.0686"	.599"	.805"	1.009"	.906"
	22 ft	Lbs./Lf.	-	-	132	143	213	232	303	331
		Deflection	-	-	.926"	.830"	1.086"	.977"	1.223"	1.101"
	24 ft	Lbs./Lf.	-	-	111	120	179	195	254	278
		Deflection	-	-	1.103"	.987"	1.293"	1.163"	1.452"	1.309"
	26 ft	Lbs./Lf.	-	-	94	102	153	166	217	237
		Deflection	-	-	1.287"	1.155"	1.522"	1.364"	1.709"	1.538"
	28 ft	Lbs./Lf.	-	-	81	88	132	143	187	204
		Deflection	-	-	1.491"	1.341"	1.766"	1.580"	1.981"	1.780"
	30 ft	Lbs./Lf.	-	-	71	77	114	124	163	178
		Deflection	-	-	1.723"	1.546"	2.010"	1.805"	2.275"	2.047"
	32 ft	Lbs./Lf.	-	-	62	67	101	109	143	156
		Deflection	-	-	1.948"	1.741"	2.306"	2.054"	2.584"	2.322"
	34 ft	Lbs./Lf.	-	-	55	59	89	97	126	138
		Deflection	-	-	2.202"	1.954"	2.589"	2.330"	2.902"	2.618"
	36 ft	Lbs./Lf.	-	-	49	53	79	86	113	123
		Deflection	-	-	2.465"	2.206"	2.889"	2.596"	3.271"	2.933"
	38 ft	Lbs./Lf.	-	-	44	47	71	77	101	111
		Deflection	-	-	2.748"	2.429"	3.223"	2.886"	3.629"	3.286"
	40 ft	Lbs./Lf.	-	-	40	43	64	70	91	100
		Deflection	-	-	3.068"	2.728"	3.567"	3.221"	4.015"	3.634"

14" CEE			Simple Span							
Section	Bay		16 Gauge		14 Gauge		12 Gauge		10 Gauge	
			2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.
	22 ft	Lbs./Lf.	-	-	152	166	249	273	358	392
		Deflection	-	-	.730"	.667"	.867"	.795"	.986"	.900"
	24 ft	Lbs./Lf.	-	-	128	140	209	229	301	330
		Deflection	-	-	.870"	.797"	1.031"	.944"	1.174"	1.073"
	26 ft	Lbs./Lf.	-	-	109	119	178	195	256	281
		Deflection	-	-	1.021"	.933"	1.210"	1.107"	1.375"	1.259"
	28 ft	Lbs./Lf.	-	-	94	103	154	168	221	242
		Deflection	-	-	1.184"	1.086"	1.408"	1.283"	1.597"	1.458"
	30 ft	Lbs./Lf.	-	-	81	89	134	146	192	211
		Deflection	-	-	1.345"	1.237"	1.614"	1.469"	1.828"	1.675"
	32 ft	Lbs./Lf.	-	-	72	78	117	129	169	185
		Deflection	-	-	1.547"	1.403"	1.825"	1.681"	2.083"	1.901"
	34 ft	Lbs./Lf.	-	-	63	69	104	114	150	164
		Deflection	-	-	1.725"	1.582"	2.067"	1.893"	2.356"	2.148"
	36 ft	Lbs./Lf.	-	-	56	62	93	101	133	146
		Deflection	-	-	1.928"	1.786"	2.323"	2.108"	2.626"	2.404"
	38 ft	Lbs./Lf.	-	-	51	55	83	91	120	131
		Deflection	-	-	2.179"	1.967"	2.574"	2.358"	2.941"	2.677"
	40 ft	Lbs./Lf.	-	-	46	50	75	82	108	118
		Deflection	-	-	2.413"	2.196"	2.855"	2.608"	3.250"	2.961"
	42 ft	Lbs./Lf.	-	-	41	45	68	74	98	107
		Deflection	-	-	2.615"	2.402"	3.147"	2.861"	3.585"	3.263"

Notes: 1. The weight of the section has not been subtracted from these values. 2. Both flanges of member must be fully braced. 3. These loads are based on the transfer of the support loads directly to the web of the section by the use of clips or plates. For flanges bearing directly on structural, contact factory for section selection. 4. Loads shown are based on 55 KSI yield strength steel. 5. Loads shown are stress governing. When deflection limits are specified, contact factory. 6. These sample calculations are very basic. Many different variables can affect loading. For instance; drift loading, building height, geographic location, etc. Please consult Flexospan if special conditions exist. 7. The selection of sections for your application is subject to final approval by your design professional. 8. Capacity values have been calculated in accordance with the AISI 2016 design manual. 9. Values shown in the load tables for three or more spans are based on uniform bay spacings. If non-uniform bay spacings exist, contact factory.