

FLEXOSPAN - CEE AND ZEE LOAD TABLES

Allowable Uniform Loads In Pounds Per Lineal Foot

CEE		Simple Span						ZEE		Simple Span						3 or More Spans, Std. Lap					
		16 Gauge		14 Gauge		12 Gauge				16 Gauge		14 Gauge		12 Gauge		16 Gauge		14 Gauge		12 Gauge	
Section	Bay	2 1/2" Flan	3 1/2" Flan	2 1/2" Flan	3 1/2" Flan	2 1/2" Flan	3 1/2" Flan	Section	Bay	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.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.
6" Web	10 ft	251	-	331	-	480	-	6" Web	10 ft	254	-	331	-	499	-	-	-	-	-	-	-
	12 ft	174	-	230	-	333	-		12 ft	126	-	230	-	346	-	-	-	-	-	-	-
	14 ft	128	-	169	-	244	-		14 ft	129	-	169	-	254	-	-	-	-	-	-	-
	15 ft	111	-	147	-	213	-		15 ft	113	-	147	-	221	-	176	-	235	-	357	-
	18 ft	77	-	102	-	148	-		18 ft	78	-	102	-	154	-	118	-	157	-	238	-
	20 ft	62	-	82	-	120	-		20 ft	63	-	82	-	124	-	94	-	124	-	188	-
	22 ft	51	-	68	-	99	-		22 ft	52	-	68	-	103	-	76	-	101	-	153	-
	24 ft	43	-	57	-	83	-		24 ft	44	-	57	-	86	-	63	-	84	-	126	-
	25 ft	40	-	53	-	76	-		25 ft	40	-	53	-	79	-	58	-	76	-	116	-
28 ft	32	-	42	-	61	-	28 ft	32	-	42	-	63	-	46	-	60	-	91	-		
8" Web	12 ft	260	269	341	365	493	545	8" Web	12 ft	260	265	340	364	510	545	-	-	-	-	-	-
	14 ft	191	198	250	268	362	400		14 ft	191	195	250	267	374	401	-	-	-	-	-	-
	15 ft	166	172	218	233	315	349		15 ft	166	169	218	233	326	349	-	-	-	-	-	-
	18 ft	115	119	151	162	219	242		18 ft	115	117	151	161	226	242	156	158	222	235	345	368
	20 ft	93	97	122	131	177	196		20 ft	93	95	122	131	183	196	127	129	178	188	275	293
	22 ft	77	80	101	108	146	162		22 ft	77	78	101	108	151	162	105	107	145	154	223	238
	24 ft	65	67	85	91	123	136		24 ft	65	66	85	91	127	136	88	90	121	129	185	198
	25 ft	60	62	78	84	113	125		25 ft	59	61	78	83	117	125	81	83	111	118	170	181
	28 ft	47	49	62	67	90	100		28 ft	47	48	62	66	93	100	65	66	87	93	133	142
30 ft	41	43	54	58	78	87	30 ft	41	42	54	58	81	87	56	57	76	81	115	123		
10" Web	20 ft	115	-	168	173	243	266	10" Web	20 ft	115	119	168	-	250	266	131	133	217	-	365	387
	22 ft	95	-	139	143	200	220		24 ft	80	82	116	-	173	185	96	97	154	-	248	263
	24 ft	80	-	116	120	168	185		25 ft	74	76	107	-	160	170	89	91	142	-	228	242
	25 ft	74	-	107	111	155	170		28 ft	59	60	85	-	127	136	72	74	114	-	179	191
	28 ft	59	-	85	88	124	136		30 ft	51	52	74	-	111	118	64	65	99	-	155	165
	30 ft	51	-	74	77	108	118		32 ft	45	46	65	-	97	104	56	58	87	-	135	144
	32 ft	45	-	65	67	94	104		35 ft	37	38	54	-	81	87	48	49	73	-	112	119
	34 ft	40	-	58	60	84	92		38 ft	32	33	46	-	69	73	41	42	61	-	94	101
	35 ft	37	-	54	56	79	87		12" Web	20 ft	-	-	183	203	301	345	-	-	210	220	418
38 ft	32	-	46	48	67	73	24 ft	-		-	127	141	209	239	-	-	153	162	289	324	
12" Web	20 ft	-	-	185	206	293	344	25 ft		-	-	117	130	192	220	-	-	142	151	265	299
	24 ft	-	-	128	143	203	239	28 ft		-	-	93	103	153	176	-	-	116	124	210	238
	25 ft	-	-	118	132	187	220	30 ft		-	-	81	90	133	153	-	-	102	109	183	207
	28 ft	-	-	94	105	149	175	32 ft		-	-	71	79	117	134	-	-	90	97	160	181
	30 ft	-	-	82	91	130	153	35 ft		-	-	59	66	98	112	-	-	76	82	133	151
	32 ft	-	-	72	80	114	134	37 ft		-	-	53	59	88	100	-	-	68	74	119	135
	34 ft	-	-	64	71	101	119	40 ft		-	-	45	50	75	86	-	-	59	64	101	115
	35 ft	-	-	60	67	95	112														
	38 ft	-	-	51	57	81	95														
40 ft	-	-	46	51	73	86															

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. See back page for weights per lineal foot of members shown here. 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 2001 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. UNCONTROLLED COPY