FLEXOSPAN STANDARD LOAD TABLE FOR 4" AND 6" CEES

	AI	lowable	able uniform loads in Pounds per linear foot								
<i>4</i> " C	EE					Simple	e Span				
4 0	CC		16 G	auge	14 G	auge	12 G	auge	10 G	auge	
Section	Вау		2 1/2" Fl.	3 1/2" Fl.	2 1/2" FI.	3 1/2" FI.	2 1/2" FI.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.	
	8 ft	Lbs./Lf.	223	248	297	327	437	496	551	690	
	011	Deflection	.450"	.385"	.487"	.412"	.529"	.459"	.536"	.511"	
	10 #	Lbs./Lf.	143	158	190	209	280	317	352	441	
	10 10	Deflection	.704"	.599"	.761"	.643"	.827"	.716"	.836"	.797"	
	12 #	Lbs./Lf.	99	110	132	145	194	220	244	306	
_	12 11	Deflection	1.011"	.864"	1.097"	.925"	1.189"	1.031"	1.201"	1.147"	
4	14 #	Lbs./Lf.	73	81	97	106	143	162	180	225	
	14 10	Deflection	1.382"	1.179"	1.493"	1.253"	1.623"	1.407"	1.642"	1.563"	
$ 2\frac{1}{2}$	16 ft	Lbs./Lf.	55	62	74	81	109	124	137	172	
OR	10 11	Deflection	1.776"	1.540"	1.943"	1.633"	2.111"	1.837"	2.132"	2.038"	
o1"	19 ff	Lbs./Lf.	44	49	58	64	86	98	108	136	
32	10 11	Deflection	2.275"	1.949"	2.440"	2.067"	2.668"	2.325"	2.692"	2.582"	
	20 ft	Lbs./Lf.	35	39	47	52	70	79	88	110	
	2011	Deflection	2.759"	2.365"	3.013"	2.560"	3.310"	2.857"	3.343"	3.183"	

6" C	CC					Simple	e Span			
00			16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Вау		2 1/2" FI.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" FI.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" FI.	3 1/2" Fl.
	0 #	Lbs./Lf.	351	380	473	516	731	-	-	-
	011	Deflection	.278"	.237"	.303"	.261"	.344"	-	-	-
	10 f f	Lbs./Lf.	225	243	303	330	468	520	609	720
	10 10	Deflection	.435"	.370"	.475"	.407"	.537"	.469"	.558"	.516"
	12.#	Lbs./Lf.	156	169	210	229	325	361	423	500
	12 11	Deflection	.625"	.534"	.682"	.586"	.773"	.674"	.803"	.743"
	14.#	Lbs./Lf.	114	124	154	168	238	265	311	367
	14 11	Deflection	.846"	.726"	.926"	.796"	1.049"	.917"	1.094"	1.010"
	16 ff	Lbs./Lf.	87	95	118	129	182	203	238	281
-	1011	Deflection	1.101"	.949"	1.211"	1.043"	1.369"	1.199"	1.428"	1.320"
G	19 ff	Lbs./Lf.	69	75	93	102	144	160	188	222
	10 10	Deflection	1.399"	1.200"	1.529"	1.321"	1.735"	1.513"	1.807"	1.670"
	20 ff	Lbs./Lf.	56	60	75	82	117	130	152	180
$- 2\frac{1}{2}$	20 11	Deflection	1.731"	1.463"	1.879"	1.619"	2.148"	1.874"	2.227"	2.064"
ÓŔ	22 ft	Lbs./Lf.	46	50	62	68	96	107	126	148
o1"	22 IL	Deflection	2.081"	1.785"	2.274"	1.965"	2.580"	2.258"	2.703"	2.485"
37	24 ft	Lbs./Lf.	39	42	52	57	81	90	105	125
	24 10	Deflection	2.499"	2.124"	2.702"	2.333"	3.084"	2.690"	3.190"	2.972"
	26 ft	Lbs./Lf.	33	36	44	48	69	76	90	106
	2011	Deflection	2.913"	2.508"	3.149"	2.706"	3.618"	3.129"	3.766"	3.471"
	29 ff	Lbs./Lf.	28	31	38	42	59	65	77	91
	2011	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 AIS12016 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 8" AND 10" CEES

	Al	lowable	uniforn	n loads	in Poun	ds per	linear fo	oot		
o" C	cc					Simple	e Span			
80			16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Вау		2 1/2" Fl.	3 1/2" Fl.						
	40.8	Lbs./Lf.	214	229	291	313	457	498	627	698
	12 1	Deflection	.436"	.376"	.480"	.415"	.550"	.480"	.602"	.534"
	44.84	Lbs./Lf.	157	168	213	230	335	366	460	513
	14 10	Deflection	.593"	.510"	.651"	.565"	.747"	.654"	.819"	.727"
	16 #	Lbs./Lf.	120	128	163	176	257	280	353	392
	1010	Deflection	.773"	.663"	.850"	.737"	.978"	.854"	1.072"	.948"
	40.4	Lbs./Lf.	95	101	129	139	203	221	278	310
	10 10	Deflection	.980"	.839"	1.077"	.933"	1.238"	1.079"	1.352"	1.200"
	20.4	Lbs./Lf.	77	82	104	112	164	179	225	251
=_	20 11	Deflection	1.211"	1.038"	1.324"	1.145"	1.524"	1.333"	1.668"	1.481"
∞	22.8	Lbs./Lf.	63	68	86	93	136	148	186	207
	22 IL	Deflection	1.451"	1.260"	1.603"	1.393"	1.850"	1.613"	2.019"	1.789"
	04.4	Lbs./Lf.	53	57	72	78	114	124	156	174
	24 π	Deflection	1.729"	1.496"	1.901"	1.654"	2.197"	1.914"	2.398"	2.130"
² <u>2</u> ⁻	00.4	Lbs./Lf.	45	48	62	66	97	106	133	148
OR	26 π	Deflection	2.022"	1.735"	2.254"	1.928"	2.574"	2.254"	2.816"	2.495"
<u>31</u> "	20 H	Lbs./Lf.	39	42	53	57	83	91	115	128
52	20 11	Deflection	2.357"	2.042"	2.592"	2.239"	2.963"	2.602"	3.275"	2.902"
		Lbs./Lf.	34	36	46	50	73	79	100	111
	30 π	Deflection	2.708"	2.306"	2.964"	2.589"	3.434"	2.977"	3.753"	3.317"
10" (Simple	e Span			
10 0			16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Вау		2 1/2" Fl.	3 1/2" Fl.						
	20 #	Lbs./Lf.	97	-	133	143	212	230	295	324
	20 11	Deflection	.896"	-	.993"	.871"	1.152"	1.018"	1.276"	1.138"
	20 H	Lbs./Lf.	80	-	110	118	175	190	244	267
	22 π	Deflection	1.082"	-	1.202"	1.053"	1.393"	1.231"	1.545"	1.373"
	04.6	Lbs./Lf.	67	-	92	99	147	159	205	224
	24 π	Deflection	1.283"	-	1.424"	1.251"	1.657"	1.459"	1.838"	1.632"
		Lbs./Lf.	57	-	78	84	125	136	175	191
	26 ft	Deflection	1.503"	-	1.663"	1.462"	1.940"	1.719"	2.162"	1.916"
	00.4	Lbs./Lf.	49	-	68	73	108	117	150	165
=	28 π	Deflection	1.738"	-	1.950"	1.709"	2.255"	1.989"	2.492"	2.227"
9		Lbs./Lf.	43	-	59	63	94	102	131	144
	30 ft	Deflection	2.010"	-	2.229"	1.943"	2.586"	2.285"	2.868"	2.561"
		Lbs./Lf.	38	-	52	55	82	89	115	126

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 AIS12016 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.

2.544"

46

2.868

41

3.212

36

3.502

2.196

49

2.493"

44

2.814

39

3.097

2.581

79

2.920

71

3.298

63

3.633

3.260

102

3.684'

91

4.132

81

2.921"

73

3.314"

65

3.708"

58

4.108"

2<u>1</u>" 0R 32 ft

34 ft

36 ft

36 ft

Deflection

Lbs./Lf.

Deflection

Lbs./Lf.

Deflection

Lbs./Lf.

Deflection

2.300'

33

2.545

30

2.908

26

3.129"



2.901'

112

3.286' 100

3.688'

89

4.075

FLEXOSPAN STANDARD LOAD TABLE FOR 12" AND 14" CEES

		AI	lowable	uniform	ı loads	in Poun	nds per l	linear fo	oot		
	4011.0						Simple	e Span			
	12" C	EE		16 G	auge	14 G	auge	12 G	auge	10 G	auge
Secti	ion	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.
			Lbs./Lf.	-	-	160	173	258	280	366	400
		20 ft	Deflection	-	-	.767"	.0686"	.599"	.805"	1.009"	.906"
		00.4	Lbs./Lf.	-	-	132	143	213	232	303	331
		22 π	Deflection	-	-	.926"	.830"	1.086"	.977"	1.223"	1.101"
		24 #	Lbs./Lf.	-	-	111	120	179	195	254	278
		24 IL	Deflection	-	-	1.103"	.987"	1.293"	1.163"	1.452"	1.309"
+		26 ft	Lbs./Lf.	-	-	94	102	153	166	217	237
		2010	Deflection	-	-	1.287"	1.155"	1.522"	1.364"	1.709"	1.538"
		28 ft	Lbs./Lf.	-	-	81	88	132	143	187	204
<u>م</u>			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
<u> </u>			Deflection	-	-	1.948"	1.741"	2.306"	2.054"	2.584"	2.322"
	a1"	34 ft	LDS./LI.	-	-	22	09 1 054"	89	97	120	138
-	- 2			-	-	2.202	1.954	2.569	2.330	2.902	2.010
	OR	36 ft	LDS./LI.	-	-	49	2.206"	79	2 506"	2.074"	123
	3 <u>1</u> "		Dellection	-	-	2.400	2.200	2.889	2.590	3.271	2.933
	-2	38 ft	Deflection	-	-	2 749"	47	2 222"	2.996"	2 620"	2 296"
			Dellection	-	-	2.740	2.429	5.225	2.000	3.629	3.200
		40 ft	Deflection	-	-	3.068"	43	3 567"	3 221"	91	3.634"
							Simple	e Snan			
	14" C	EE		40.0		44.0	Simple	e Span		40.0	
	14" C	EE	I	16 G	auge	14 G	Simple auge	e Span 12 G	auge	10 G	auge
Secti	14" C	EE Bay		16 G 2 1/2" Fl.	auge 3 1/2" FI.	14 G 2 1/2" FI.	Simple auge 3 1/2" FI.	e Span 12 G 2 1/2" FI.	auge 3 1/2" FI.	10 G 2 1/2" FI.	auge 3 1/2" FI.
Secti	14" C	EE Bay 22 ft	Lbs./Lf.	16 G 2 1/2" FI. -	auge 3 1/2" FI.	14 G 2 1/2" FI. 152 720"	Simple auge 3 1/2" FI. 166	e Span 12 G 2 1/2" FI. 249 967"	auge 3 1/2" FI. 273 706"	10 G 2 1/2" Fl. 358	auge 3 1/2" FI. 392
Secti	14" C	EE Bay 22 ft	Lbs./Lf. Deflection	16 G 2 1/2" FI. - -	auge 3 1/2" FI. - -	14 G 2 1/2" FI. 152 .730"	Simple auge 3 1/2" FI. 166 .667"	e Span 12 G 2 1/2" Fl. 249 .867"	auge 3 1/2" FI. 273 .795"	10 G 2 1/2" FI. 358 .986"	auge 3 1/2" FI. 392 .900"
Secti	14" C	EE Bay 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - -	auge 3 1/2" FI. - -	14 G 2 1/2" FI. 152 .730" 128 870"	Simple auge 3 1/2" FI. 166 .667" 140 797"	e Span 12 G 2 1/2" FI. 249 .867" 209 1 031"	auge 3 1/2" FI. 273 .795" 229 944"	10 G 2 1/2" FI. 358 .986" 301 1 174"	auge 3 1/2" FI. 392 .900" 330 1.073"
Secti	14" C	EE Bay 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - -	auge 3 1/2" FI. - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109	Simple auge 3 1/2" FI. 166 .667" 140 .797"	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178	auge 3 1/2" FI. 273 .795" 229 .944" 195	10 G 2 1/2" FI. 358 .986" 301 1.174" 256	auge 3 1/2" FI. 392 .900" 330 1.073" 281
Secti	14" C	EE Bay 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - -	auge 3 1/2" FI. - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1 021"	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 933"	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210"	auge 3 1/2" FI. 273 .795" 229 .944" 195 1 107"	10 G 2 1/2" FI. 358 .986" 301 1.174" 256 1.375"	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259"
Secti	14" C	EE Bay 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168	10 G 2 1/2" FI. 358 .986" 301 1.174" 256 1.375" 221	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184"	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086"	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408"	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283"	10 G 2 1/2" FI. 358 .986" 301 1.174" 256 1.375" 221 1.597"	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458"
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184" 81	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146	10 G 2 1/2" FI. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345"	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237"	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614"	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469"	10 G 2 1/2" FI. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828"	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675"
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129	10 G 2 1/2" FI. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547"	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403"	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825"	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681"	10 G 2 1/2" FI. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083"	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901"
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 114	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63 1.725"	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69 1.582"	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104 2.067"	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 114 1.893"	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150 2.356"	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164 2.148"
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" Fl. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63 1.725" 56	Simple auge 3 1/2" Fl. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69 1.582" 62	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104 2.067" 93	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 114 1.893" 101	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150 2.356" 133	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164 2.148" 146
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" Fl. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63 1.725" 56 1.928"	Simple auge 3 1/2" Fl. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69 1.582" 62 1.786"	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104 2.067" 93 2.323"	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 129 1.681" 114 1.893" 101 2.108"	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150 2.356" 133 2.626"	auge 3 1/2" FI. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164 2.148" 146 2.404"
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63 1.725" 56 1.928" 51	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69 1.582" 62 1.786" 55	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104 2.067" 93 2.323" 83	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 114 1.893" 101 2.108" 91	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150 2.356" 133 2.626" 120	auge 3 1/2" Fl. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164 2.148" 146 2.404" 131
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" Fl. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63 1.725" 56 1.928" 51 2.179"	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69 1.582" 62 1.582" 62 1.786" 55 1.967"	e Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104 2.067" 93 2.323" 83 2.574"	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 114 1.893" 101 2.108" 91 2.358"	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150 2.356" 133 2.626" 120 2.941"	auge 3 1/2" Fl. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164 2.148" 146 2.404" 131 2.677"
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft 40 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" Fl. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63 1.725" 56 1.928" 51 2.179" 46	Simple auge 3 1/2" Fl. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69 1.582" 62 1.582" 62 1.786" 55 1.967" 50	e Span 12 G 2 1/2" Fl. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104 2.067" 93 2.323" 83 2.574" 75	auge 3 1/2" Fl. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 114 1.893" 101 2.108" 91 2.358" 82	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150 2.356" 133 2.626" 120 2.941" 108	auge 3 1/2" Fl. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164 2.148" 146 2.404" 131 2.677" 118
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft 40 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" Fl. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63 1.725" 56 1.928" 51 2.179" 46 2.413"	Simple auge 3 1/2" Fl. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69 1.237" 78 1.403" 69 1.582" 62 1.786" 55 1.967" 50 2.196"	Span 12 G 2 1/2" FI. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104 2.067" 93 2.323" 83 2.574" 75 2.855"	auge 3 1/2" Fl. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 114 1.893" 101 2.108" 91 2.358" 82 2.608"	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150 2.356" 133 2.626" 120 2.941" 108 3.250"	auge 3 1/2" Fl. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164 2.148" 146 2.404" 131 2.677" 118 2.961"
Secti	14" C	EE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft 40 ft 42 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 152 .730" 128 .870" 109 1.021" 94 1.184" 81 1.345" 72 1.547" 63 1.725" 56 1.928" 51 2.179" 46 2.413" 41	Simple auge 3 1/2" FI. 166 .667" 140 .797" 119 .933" 103 1.086" 89 1.237" 78 1.403" 69 1.237" 78 1.403" 69 1.582" 62 1.786" 55 1.967" 50 2.196" 45	e Span 12 G 2 1/2" Fl. 249 .867" 209 1.031" 178 1.210" 154 1.408" 134 1.614" 117 1.825" 104 2.067" 93 2.323" 83 2.574" 75 2.855" 68	auge 3 1/2" FI. 273 .795" 229 .944" 195 1.107" 168 1.283" 146 1.469" 129 1.681" 114 1.893" 101 2.108" 91 2.358" 82 2.608" 74	10 G 2 1/2" Fl. 358 .986" 301 1.174" 256 1.375" 221 1.597" 192 1.828" 169 2.083" 150 2.356" 133 2.626" 120 2.941" 108 3.250" 98	auge 3 1/2" Fl. 392 .900" 330 1.073" 281 1.259" 242 1.458" 211 1.675" 185 1.901" 164 2.148" 146 2.404" 131 2.677" 118 2.961" 107

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 AIS12016 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 4" ZEES

	Al	lowable	uniforn	ı loads	in Poun	ds per	linear fo	oot		
<i>A</i> " 7	EE					Simple	e Span			
4 2			16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Вау		2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" FI.	2 1/2" FI.	3 1/2" FI.	2 1/2" Fl.	3 1/2" FI.
	8 ft	Lbs./Lf.	201	220	277	306	432	484	587	670
	011	Deflection	.383"	.326"	.421"	.363"	.485"	.423"	.532"	.470"
	10 #	Lbs./Lf.	128	141	177	195	276	309	376	429
	10 11	Deflection	.595"	.511"	.656"	.565"	.756"	.659"	.832"	.734"
	12 #	Lbs./Lf.	89	98	123	136	192	215	261	298
	12 11	Deflection	.858"	.736"	.945"	.817"	1.091"	.950"	1.197"	1.059"
4	44.8	Lbs./Lf.	65	72	90	99	141	158	191	219
	14 11	Deflection	1.160"	1.002"	1.282"	1.102"	1.484"	1.294"	1.623"	1.442"
2 <u>1</u> "	16 #	Lbs./Lf.	50	55	69	76	108	121	146	167
	10 11	Deflection	1.523"	1.306"	1.676"	1.443"	1.939"	1.690"	2.117"	1.876"
	40 #	Lbs./Lf.	39	43	54	60	85	95	116	132
3 <u>1</u> "	10 10	Deflection	1.903"	1.635"	2.101"	1.825"	2.444"	2.126"	2.694"	2.375"
	20 #	Lbs./Lf.	32	35	44	48	69	77	94	107
	2011	Deflection	2.379"	2.029"	2.610"	2.225"	3.024"	2.626"	3.327"	2.935"

<i>A</i> " 7	EE				3	3 or More Sp	ans, Std. La	р		
4 2			16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Вау		2 1/2" FI.	3 1/2" Fl.	2 1/2" FI.	3 1/2" FI.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" FI.
	8 ff	Lbs./Lf.	333	366	460	507	715	802	973	1111
	011	Deflection	.307"	.263"	.338"	.291"	.389"	.339"	.427"	.378"
	10 #	Lbs./Lf.	211	232	292	321	454	508	617	704
	10 11	Deflection	.480"	.412"	.530"	.456"	.609"	.531"	.669"	.591"
	12 #	Lbs./Lf.	145	160	201	221	313	350	426	486
	12 11	Deflection	.691"	.594"	.764"	.656"	.879"	.765"	.966"	.854"
4	14 #	Lbs./Lf.	106	116	147	162	228	256	311	355
	14 11	Deflection	.943"	.804"	1.043"	.898"	1.195"	1.044"	1.317"	1.165"
$2\frac{1}{2}$ "	16 #	Lbs./Lf.	81	89	112	123	174	195	234	270
	10 11	Deflection	1.236"	1.059"	1.363"	1.170"	1.565"	1.365"	1.700"	1.520"
- 1.	10 #	Lbs./Lf.	62	68	85	94	133	149	180	207
³ ²	10 11	Deflection	1.523"	1.302"	1.666"	1.439"	1.926"	1.679"	2.105"	1.876"
	20 ft	Lbs./Lf.	49	54	67	74	105	118	142	164
	2011	Deflection	1.842"	1.583"	2.009"	1.734"	2.327"	2.035"	2.542"	2.274"

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 6" ZEES

	AI	lowable	uniforn	ı loads	in Poun	lds per l	linear fo	oot		
6" 7	CC					Simple	e Span			
0 2	CC.		16 G	auge	14 G	auge	12 G	auge	10 G	auge
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" FI.	2 1/2" Fl.	3 1/2" Fl.
	9.ff	Lbs./Lf.	312	335	428	462	685	747	957	1058
	011	Deflection	.235"	.201"	.261"	.224"	.304"	.264"	.338"	.297"
	10 #	Lbs./Lf.	200	214	274	295	438	478	612	677
	10 11	Deflection	.368"	.314"	.408"	.350"	.475"	.412"	.528"	.463"
	12 #	Lbs./Lf.	138	149	190	205	304	332	425	470
	12 11	Deflection	.527"	.453"	.586"	.504"	.683"	.593"	.761"	.667"
	14 ft	Lbs./Lf.	102	109	140	151	223	244	312	345
	14 10	Deflection	.721"	.614"	.800"	.687"	.929"	.808"	1.034"	.907"
	16 ft	Lbs./Lf.	78	83	107	115	171	186	239	264
=	10 11	Deflection	.941"	.798"	1.044"	.893"	1.215"	1.050"	1.352"	1.184"
9	18 ft	Lbs./Lf.	61	66	84	91	135	147	189	209
	10 10	Deflection	1.179"	1.017"	1.312"	1.132"	1.536"	1.330"	1.712"	1.502"
_ 1,	20 ft	Lbs./Lf.	50	53	68	74	109	119	153	169
<u>→ 2<u>†</u>" →</u>	20 11	Deflection	1.473"	1.244"	1.619"	1.403"	1.891"	1.640"	2.113"	1.851"
OR	22 ft	Lbs./Lf.	41	44	56	61	90	98	126	139
3 <u>1</u> "	22 11	Deflection	1.768"	1.512"	1.952"	1.693"	2.286"	1.978"	2.547"	2.229"
2	24 ft	Lbs./Lf.	34	37	47	51	76	83	106	117
	2410	Deflection	2.077"	1.801"	2.321"	2.005"	2.734"	2.372"	3.035"	2.657"
	26 ft	Lbs./Lf.	29	31	40	43	64	70	90	100
	2010	Deflection	2.440"	2.079"	2.720"	2.329"	3.171"	2.756"	3.550"	3.128"
	28 ft	Lbs./Lf.	25	27	35	37	55	61	78	86
	2010	Deflection	2.829"	2.435"	3.202"	2.695"	3.665"	3.230"	4.138"	3.618"
6" 7	==				3	or More Sp	ans, Std. La	р		
0 2	EE		16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Вау		2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" FI.	2 1/2" Fl.	3 1/2" Fl.
	8 ff	Lbs./Lf.	518	556	710	766	1136	1239	1586	1753
	011	Deflection	.189"	.162"	.210"	.180"	.244"	.212"	.272"	.238"
	10 #	Lbs./Lf.	328	353	450	486	720	785	1006	1112
	1010	Deflection	.296"	.254"	.328"	.282"	.382"	.331"	.425"	.373"
	12 #	Lbs./Lf.	226	243	310	335	497	542	693	767
	1211	Deflection	.427"	.366"	.473"	.407"	.553"	.479"	.613"	.538"
		Lbs./Lf.	165	177	227	245	363	396	507	560

14 ft .581" .497" .646" .556" .753" .653" .837" .733' Deflection 126 135 173 186 276 302 386 427 Lbs./Lf. 16 ft 762" 650" .846" 724" .983" 854 1.094" 960' Deflection 0" 103 143 212 Lbs./Lf. 96 132 231 296 327 18 ft .934" 799" 1.039 .896" 1.215 1.052 1.350" 1.183" Deflection 76 82 104 113 167 183 234 259 Lbs./Lf. $2\frac{1}{2}$ " OR $3\frac{1}{2}$ " 20 ft 1.634" 1.083" 1.434" 1.132" .973" 1.252" 1.465" 1.276" Deflection 62 91 135 148 189 209 Lbs./Lf. 66 85 22 ft 1.357 1.151' 1.282 1.740 1.516 1.939 1.700 1.504' Deflection 112 157 173 Lbs./Lf. 51 55 70 75 122 24 ft 1.585" 1.363 1.759 1.501 2.050" 1.775 2.288" 1.999" Deflection 43 46 59 63 94 103 132 145 Lbs./Lf. 26 ft 1.846" 1.574" 2.047 1.741 2.376" 2.069" 2.656" 2.314" Deflection 36 39 50 54 80 87 112 124 Lbs./Lf. 28 ft 2.083" 2.011 2.356 Deflection 1.799 2.339" 2.726" 3.038" 2.668"

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 AISI2016 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 8" ZEES

	AI	lowable	uniform	n loads	in Poun	lds per l	linear fo	oot		
0" 7	'EE					Simple	e Span			
8 2	EE		16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Вау		2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" FI.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.
	12 #	Lbs./Lf.	189	201	261	279	425	457	602	625
	12 11	Deflection	.370"	.319"	.412"	.357"	.487"	.424"	.547"	.472"
	14 ft	Lbs./Lf.	139	148	192	205	312	335	442	459
	14 10	Deflection	.504"	.435"	.561"	.486"	.662"	.575"	.744"	.642"
	16 ft	Lbs./Lf.	106	113	147	157	239	257	338	351
	1011	Deflection	.655"	.566"	.733"	.635"	.866"	.753"	.971"	.838"
	18 ft	Lbs./Lf.	84	89	116	124	189	203	267	278
		Deflection	.832"	.714"	.927"	.803"	1.096"	.953"	1.229"	1.063"
	20 ft	Lbs./Lf.	68	72	94	100	153	164	216	225
ω		Deflection	1.026"	.881"	1.145"	.987"	1.353"	1.173"	1.515"	1.311"
	22 ft	Lbs./Lf.	56	60	78	83	126	136	179	186
		Deflection	1.237"	1.075"	1.391"	1.199	1.631"	1.424"	1.839"	1.587"
1	24 ft	Lbs./Lf.	47	50	65	69	106	114	150	156
² <u>1</u> "		Deflection	1.470"	1.269"	1.641"	1.412"	1.943"	1.691"	2.182"	1.885"
OR	26 ft	Lbs./Lf.	40	43	55	59	90	97	128	133
3 <u>1</u> "		Deflection	1.724"	1.503"	1.913"	1.663"	2.273"	1.981"	2.565"	2.214"
2	28 ft	Lbs./Lf.	34	37	48	51	/8	83	110	114
		Deflection	1.971"	1.739"	2.246"	1.933"	2.649"	2.281"	2.965"	2.552"
	30 ft	Lbs./Lf.	30	32	41	44	68	73	96	100
		Deflection	0.001"	1 082"	2 528"	2 198"	3 ()44"	2.643"	3 409"	2 950"
		Delicetion	2.231	1.302	2.020	2.100	0.011	2.040	0.100	2.000
		Delicetion	2.231	1.302	2.020	2.100	0.011	2.040	0.100	2.000
		Delicetion	2.231	1.302	2.020	2.100	one Ctd Le	2.010	0.100	2.000
8" 2	ΈE	Delicetion	2.231	1.302	3	or More Sp	ans, Std. La	p	0.100	2.000
8" Z	ÉE	Delicetion	16 G	auge	3 14 G	or More Sp auge	ans, Std. La 12 G	p auge	10 G	auge
8" Z Section	EE Bay		16 G 2 1/2" FI.	auge 3 1/2" FI.	3 14 G 2 1/2" FI.	or More Sp auge 3 1/2" FI.	ans, Std. La 12 G 2 1/2" FI.	p auge 3 1/2" FI.	10 G 2 1/2" FI.	auge 3 1/2" FI.
8" Z Section	EE Bay 12 ft	Lbs./Lf.	16 G 2 1/2" FI. 309	auge 3 1/2" FI. 326	3 14 G 2 1/2" FI. 428	3 1/2" FI.	ans, Std. La 12 G 2 1/2" FI. 694	p auge 3 1/2" FI. 745	10 G 2 1/2" FI. 982	auge 3 1/2" FI. 1020
8" Z Section	EE Bay 12 ft	Lbs./Lf. Deflection	16 G 2 1/2" FI. 309 .299"	auge 3 1/2" FI. 326 .256"	3 14 G 2 1/2" FI. 428 .334"	3 or More Sp auge 3 1/2" FI. 456 .288"	ans, Std. La 12 G 2 1/2" FI. 694 .393"	p auge 3 1/2" FI. 745 .341"	10 G 2 1/2" FI. 982 .441"	auge 3 1/2" FI. 1020 .381"
8" Z Section	EE Bay 12 ft 14 ft	Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 309 .299" 226	auge 3 1/2" FI. 326 .256" 240	3 14 G 2 1/2" Fl. 428 .334" 312	3 or More Sp auge 3 1/2" Fl. 456 .288" 333	ans, Std. La 12 G 2 1/2" FI. 694 .393" 507	p auge 3 1/2" FI. 745 .341" 545	10 G 2 1/2" FI. 982 .441" 718	auge 3 1/2" FI. 1020 .381" 745
8" Z	EE Bay 12 ft 14 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 309 .299" 226 .408"	auge 3 1/2" FI. 326 .256" 240 .351"	3 14 G 2 1/2" FI. 428 .334" 312 .454"	3 or More Sp auge 3 1/2" FI. 456 .288" 333 .393"	ans, Std. La 12 G 2 1/2" FI. 694 .393" 507 .536"	p auge 3 1/2" FI. 745 .341" 545 .466"	10 G 2 1/2" Fl. 982 .441" 718 .602"	auge 3 1/2" FI. 1020 .381" 745 .519"
8" Z	EE Bay 12 ft 14 ft 16 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 309 .299" 226 .408" 172	auge 3 1/2" FI. 326 .256" 240 .351" 183	3 14 G 2 1/2" FI. 428 .334" 312 .454" 238	3 1/2" FI. 456 .288" 333 .393" 254	ans, Std. La 12 G 2 1/2" FI. 694 .393" 507 .536" 387	p auge 3 1/2" FI. 745 .341" 545 .466" 415	10 G 2 1/2" FI. 982 .441" 718 .602" 547	2.300 auge 3 1/2" FI. 1020 .381" 745 .519" 568
8" Z	EE Bay 12 ft 14 ft 16 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533"	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460"	3 14 G 2 1/2" Fl. 428 .334" 312 .454" 238 .595"	3 or More Sp auge 3 1/2" Fl. 456 .288" 333 .393" 254 .514"	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702"	p auge 3 1/2" FI. 745 .341" 545 .466" 415 .609"	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788"	2.300 auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679"
8" Z	EE Bay 12 ft 14 ft 16 ft 18 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533" 132 .553"	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 ECCC"	3 14 G 2 1/2" Fl. 428 .334" 312 .454" 238 .595" 182 723"	3 1/2" FI. 456 .288" 333 .393" 254 .514" 194	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 9655"	p auge 3 1/2" Fl. 745 .341" 545 .466" 415 .609" 306 720"	10 G 2 1/2" Fl. 982 .441" 718 .602" 547 .788" 419	2.300 auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679" 435 922"
8" Z Section	EE Bay 12 ft 14 ft 16 ft 18 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533" 132 .658"	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566"	3 14 G 2 1/2" FI. 428 .334" 312 .454" 238 .595" 182 .732"	3 1/2" FI. 456 .288" 333 .393" 254 .514" 194 .632"	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 .865"	p auge 3 1/2" FI. 745 .341" 545 .466" 415 .609" 306 .729"	10 G 2 1/2" Fl. 982 .441" 718 .602" 547 .788" 419 .971"	auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679" 435 .838" 244
8" Z Section	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533" 132 .658" 104 700"	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 c97"	3 14 G 2 1/2" Fl. 428 .334" 312 .454" 238 .595" 182 .732" 144 .007"	auge 3 1/2" Fl. 456 .288" 333 .393" 254 .514" 194 .632" 154 7ce"	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 .865" 234 1 046"	p auge 3 1/2" Fl. 745 .341" 545 .466" 415 .609" 306 .729" 251 000"	10 G 2 1/2" Fl. 982 .441" 718 .602" 547 .788" 419 .971" 331 1 174"	auge 3 1/2" Fl. 1020 .381" 745 .519" 568 .679" 435 .838" 344 1 014"
8" Z	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	2.291 16 G 2 1/2" Fl. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90	3 14 G 2 1/2" Fl. 428 .334" 312 .454" 238 .595" 182 .732" 144 .887" 117	3 1/2" Fl. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768"	ans, Std. La 12 G 2 1/2" FI. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190	p auge 3 1/2" Fl. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 269	auge 3 1/2" Fl. 1020 .381" 745 .519" 568 .679" 435 .838" 344 1.014" 279
8" Z	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft 22 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" Fl. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90 .12"	3 14 G 2 1/2" FI. 428 .334" 312 .454" 238 .595" 182 .732" 144 .887" 117 1.058"	3 1/2" FI. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768" 124 900"	ans, Std. La 12 G 2 1/2" FI. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190 1 248"	p auge 3 1/2" FI. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 268 1 397"	auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679" 435 .838" 344 1.014" 279 1.208"
8" Z	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft 22 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84 .941" 70	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90 .818" 74	3 14 G 2 1/2" Fl. 428 .334" 312 .454" 238 .595" 182 .732" 182 .732" 144 .887" 117 1.058" 96	3 or More Sp auge 3 1/2" Fl. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768" 124 .909"	ans, Std. La 12 G: 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190 1.248" 157	p auge 3 1/2" FI. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204 1.084" 168	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 268 1.397" 222	2.300 auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679" 435 .679" 435 .838" 344 1.014" 279 1.208" 230
Section	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" Fl. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84 .941" 70 1 115"	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90 .818" 74 .955"	3 14 G 2 1/2" Fl. 428 .334" 312 .454" 238 .595" 182 .732" 182 .732" 144 .887" 117 1.058" 96 1 234"	3 or More Sp auge 3 1/2" FI. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768" 124 .909" 103 1 073"	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190 1.248" 157 1.465"	p auge 3 1/2" FI. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204 1.084" 1.68 1.268"	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 268 1.397" 222 1 644"	2.300 auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679" 435 .838" 344 1.014" 279 1.208" 230 1 415"
8" Z Section	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" Fl. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84 .941" 70 1.115" 58	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90 .818" 74 .955" 62	3 14 G 2 1/2" FI. 428 .334" 312 .454" 238 .595" 182 .732" 144 .887" 117 1.058" 96 1.234" 81	auge 3 1/2" FI. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768" 124 .909" 103 1.073" 86	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190 1.248" 157 1.465" 132	p auge 3 1/2" Fl. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204 1.084" 168 1.268" 141	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 268 1.397" 222 1.644" 186	2.300 auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679" 435 .679" 435 .838" 344 1.014" 279 1.208" 230 1.415" 194
8" Z Section	EE Bay 12 ft 14 ft 16 ft 20 ft 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84 .941" 70 1.115" 58 1.275"	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90 .818" 74 .955" 62 1.106"	3 14 G 2 1/2" FI. 428 .334" 312 .454" 238 .595" 182 .732" 182 .732" 144 .887" 117 1.058" 96 1.234" 81 1.437"	3 1/2" FI. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768" 124 .909" 103 1.073" 86 1.237"	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190 1.248" 157 1.465" 132 1.701"	p auge 3 1/2" FI. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204 1.084" 1.68 1.268" 141 1.470"	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 268 1.397" 222 1.644" 186 1.902"	2.300 auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679" 435 .638" 435 .838" 344 1.014" 279 1.208" 230 1.415" 194 1.648"
$ \begin{array}{c} $	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84 .941" 70 1.115" 58 1.275" 50	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90 .818" 74 .955" 62 1.106" 53	3 14 G 2 1/2" FI. 428 .334" 312 .454" 238 .595" 182 .732" 182 .732" 144 .887" 117 1.058" 96 1.234" 81 1.437" 69	auge 3 1/2" FI. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768" 124 .909" 103 1.073" 86 1.237" 74	ans, Std. La 12 G 2 1/2" FI. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190 1.248" 157 1.465" 132 1.701" 112	p auge 3 1/2" Fl. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204 1.084" 1.68 1.268" 141 1.470" 120	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 268 1.397" 222 1.644" 186 1.902" 159	2.300 auge 3 1/2" FI. 1020 .381" 745 .519" 568 .679" 435 .838" 344 1.014" 279 1.208" 230 1.415" 230 1.415" 194 1.648"
$ \begin{array}{c} $	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84 .941" 70 1.115" 58 1.275" 50 1.482"	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90 .818" 74 .955" 62 1.106" 53 1.274"	3 14 G 2 1/2" FI. 428 .334" 312 .454" 238 .595" 182 .732" 144 .887" 117 1.058" 96 1.234" 81 1.437" 69 1.651"	auge 3 1/2" Fl. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768" 124 .909" 103 1.073" 86 1.237" 74 1.435"	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190 1.248" 157 1.465" 132 1.701" 112 1.945"	p auge 3 1/2" Fl. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204 1.084" 1.084" 1.68 1.268" 141 1.470" 120 1.686"	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 268 1.397" 222 1.644" 186 1.902" 159 2.191"	2.300 auge 3 1/2" Fl. 1020 .381" 745 .519" 568 .679" 435 .838" 344 1.014" 279 1.208" 230 1.415" 194 1.648" 165 1.889"
$ \begin{array}{c} $	EE Bay 12 ft 14 ft 16 ft 18 ft 20 ft 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 309 .299" 226 .408" 172 .533" 132 .658" 104 .792" 84 .941" 70 1.115" 58 1.275" 50 1.482" 43	auge 3 1/2" FI. 326 .256" 240 .351" 183 .460" 140 .566" 111 .687" 90 .818" 74 .955" 62 1.106" 53 1.274" 46	3 14 G 2 1/2" FI. 428 .334" 312 .454" 238 .595" 182 .732" 182 .732" 144 .887" 117 1.058" 96 1.234" 81 1.437" 69 1.651" 59	3 1/2" FI. 456 .288" 333 .393" 254 .514" 194 .632" 154 .768" 124 .909" 103 1.073" 86 1.237" 74 1.435" 63	ans, Std. La 12 G 2 1/2" Fl. 694 .393" 507 .536" 387 .702" 296 .865" 234 1.046" 190 1.248" 157 1.465" 132 1.701" 112 1.945" 97	P auge 3 1/2" Fl. 745 .341" 545 .466" 415 .609" 306 .729" 251 .908" 204 1.084" 1.084" 1.68 1.268" 141 1.470" 120 1.686" 104	10 G 2 1/2" FI. 982 .441" 718 .602" 547 .788" 419 .971" 331 1.174" 268 1.397" 222 1.644" 1.86 1.902" 159 2.191" 137	auge 3 1/2" Fl. 1020 .381" 745 .519" 568 .679" 435 .838" 344 1.014" 279 1.208" 230 1.415" 194 1.648" 165 1.889" 142

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 10" ZEES

	AI	lowable	uniform	1 loads	in Poun	ids per	linear fo	oot		
40" 7	FF					Simple	e Span			
10 2	EE		16 G	auge	14 G	auge	12 G	auge	10 G	auge
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.
	20.#	Lbs./Lf.	86	-	120	127	197	211	278	299
	20 11	Deflection	.765"	-	.861"	.749"	1.024"	.900"	1.156"	1.019"
	22.8	Lbs./Lf.	71	-	99	105	163	174	230	247
	22 IL	Deflection	.925"	-	1.040"	.907"	1.240"	1.087"	1.400"	1.233"
	24 ft	Lbs./Lf.	59	-	83	88	137	146	193	207
	24 IL	Deflection	1.089"	-	1.235"	1.076"	1.476"	1.292"	1.664"	1.463"
	26 ft	Lbs./Lf.	51	-	71	75	117	124	164	177
	20 11	Deflection	1.296"	-	1.455"	1.263"	1.737"	1.511"	1.948"	1.723"
_	28 ft	Lbs./Lf.	44	-	61	65	100	107	142	152
10,	2010	Deflection	1.504"	-	1.681"	1.473"	1.997"	1.754"	2.268"	1.991"
	30 ff	Lbs./Lf.	38	-	53	56	87	93	123	132
	00 10	Deflection	1.712"	-	1.925"	1.672"	2.289"	2.009"	2.589"	2.278"
	32 ft	Lbs./Lf.	33	-	47	49	77	82	108	116
$ 2\frac{1}{2}$	02 N	Deflection	1.924"	-	2.210"	1.894"	2.623"	2.293"	2.943"	2.592"
OR	34 ft	Lbs./Lf.	29	-	41	44	68	73	96	103
<u>2</u> 1"	••••	Deflection	2.155"	-	2.457"	2.167"	2.952"	2.601"	3.334"	2.933"
32	36 ft	Lbs./Lf.	26	-	37	39	60	65	85	92
		Deflection	2.428"	-	2.786"	2.415"	3.273"	2.911"	3.711"	3.292"
	38 ft	Lbs./Lf.	23	-	33	35	54	58	77	82
		Deflection	2.667"	-	3.085"	2.690"	3.657"	3.225"	4.173"	3.643"
10" Z	EE				3	s or More Sp	ans, Std. La	p	(0.0	
10" Z	EE		16 G	auge	3 14 G	or More Sp auge	ans, Std. La 12 G	p auge	10 G	auge
10" Z Section	EE Bay		16 G 2 1/2" Fl.	auge 3 1/2" Fl.	3 14 G 2 1/2" Fl.	or More Sp auge 3 1/2" Fl.	ans, Std. La 12 G 2 1/2" Fl.	p auge 3 1/2" FI.	10 G 2 1/2" FI.	auge 3 1/2" Fl.
10" Z Section	EE Bay 20 ft	Lbs./Lf.	16 G 2 1/2" FI. 131	auge 3 1/2" FI.	3 14 G 2 1/2" FI. 184	or More Sp auge 3 1/2" FI. 195	ans, Std. La 12 G 2 1/2" FI. 302	p auge 3 1/2" FI. 322	10 G 2 1/2" FI. 426	auge 3 1/2" FI. 457
10" Z Section	EE Bay 20 ft	Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589"	auge 3 1/2" FI. - -	3 14 G 2 1/2" FI. 184 .667"	or More Sp auge 3 1/2" FI. 195 .582"	ans, Std. La 12 G 2 1/2" FI. 302 .794"	p auge 3 1/2" FI. 322 .695"	10 G 2 1/2" FI. 426 .896"	auge 3 1/2" FI. 457 .788"
10" Z Section	EE Bay 20 ft 22 ft	Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 131 .589" 107	auge 3 1/2" FI. - - -	3 14 G 2 1/2" Fl. 184 .667" 149	auge 3 1/2" Fl. 195 .582" 158	ans, Std. La 12 G 2 1/2" Fl. 302 .794" 245	p auge 3 1/2" FI. 322 .695" 260	10 G 2 1/2" FI. 426 .896" 345	auge 3 1/2" Fl. 457 .788" 370
10" Z	EE Bay 20 ft 22 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707"	auge 3 1/2" FI. - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794"	auge 3 1/2" FI. 195 .582" 158 .692"	ans, Std. La 12 G 2 1/2" Fl. 302 .794" 245 .946"	p auge 3 1/2" FI. 322 .695" 260 .824"	10 G 2 1/2" FI. 426 .896" 345 1.066"	auge 3 1/2" FI. 457 .788" 370 .937"
10" Z	EE <u>Bay</u> 20 ft 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 131 .589" 107 .707" 88	auge 3 1/2" FI. - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123	or More Sp auge 3 1/2" FI. 195 .582" 158 .692" 131	ans, Std. La 12 G 2 1/2" Fl. 302 .794" 245 .946" 202 1 400"	p auge 3 1/2" FI. 322 .695" 260 .824" 216	10 G 2 1/2" FI. 426 .896" 345 1.066" 285	auge 3 1/2" FI. 457 .788" 370 .937" 306
10" Z Section	EE Bay 20 ft 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826"	auge 3 1/2" FI. - - - - - - -	3 14 G 2 1/2" Fl. 184 .667" 149 .794" 123 .931"	or More Sp auge 3 1/2" FI. 195 .582" 158 .692" 131 .815"	ans, Std. La 12 G 2 1/2" Fl. 302 .794" 245 .946" 202 1.108"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251"	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101"
10" Z	EE Bay 20 ft 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74	auge 3 1/2" FI. - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 4 0.77"	auge 3 1/2" FI. 195 .582" 158 .692" 131 .815" 109 040"	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 4.205"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.070"
10" Z Section	EE <u>Bay</u> 20 ft 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963"	auge 3 1/2" FI. - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 80	auge 3 1/2" FI. 195 .582" 158 .692" 131 .815" 109 .942"	ans, Std. La 12 G 2 1/2" Fl. 302 .794" 245 .946" 202 1.108" 169 1.285"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455"	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 210
10" Z	EE 20 ft 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 4 400"	auge 3 1/2" FI. - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 4 2044"	auge 3 1/2" Fl. 195 .582" 158 .692" 131 .815" 109 .942" 93 1094"	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 4.477"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128" 154	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467"
10" Z	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76	auge 3 1/2" Fl. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80	ans, Std. La 12 G 2 1/2" Fl. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124	p auge 3 1/2" Fl. 322 .695" 260 .824" 216 .973" 181 1.128" 154 1.294"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.668" 176	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467" 199
10" Z	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.446"	auge 3 1/2" Fl. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.022"	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.691"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128" 181 1.128" 154 1.294" 132	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.668" 176	3 1/2" FI. 4 57 .788" 3 70 .937" 3 06 1.101" 2 56 1.272" 2 19 1.467" 1 88 1 662"
10" Z	EE 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54 1.253" 47	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.416" 66	auge 3 1/2" Fl. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.233"	ans, Std. La 12 G 2 1/2" Fl. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.681" 108	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128" 181 1.128" 154 1.294" 132 1.465"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.668" 176 1.900"	3 1/2" FI. 4 57 .788" 3 70 .937" 3 06 1.101" 2 56 1.272" 2 19 1.467" 1 88 1 .663" 1 65
10" Z	EE 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54 1.253" 47 1.415"	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.416" 66 1.594"	auge 3 1/2" FI. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.233" 70 1400"	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.681" 108 1900"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128" 181 1.128" 154 1.294" 132 1.465" 116 1.670"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.668" 176 1.900" 153 2.142"	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467" 188 1.663" 165 1.893"
10" Z Section	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54 1.253" 47 1.415"	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.416" 66 1.594" 58	a or More Sp auge 3 1/2" FI. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.233" 70 1.400" 61	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.681" 108 1.900" 94	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128" 1.81 1.128" 1.54 1.294" 1.32 1.465" 116 1.670"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.668" 176 1.900" 153 2.142" 135	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467" 188 1.663" 165 1.893" 145
10" Z Section	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54 1.253" 47 1.415" 41	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.416" 66 1.594" 58 1 789"	auge 3 1/2" FI. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.233" 70 1.400" 61 1 559"	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.681" 108 1.900" 94 2.113"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128" 1.81 1.128" 1.54 1.294" 1.32 1.465" 116 1.670" 102 1.876"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.668" 176 1.900" 153 2.142" 135 2.413"	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467" 188 1.663" 165 1.893" 145 2 123"
10" Z Section	EE Bay 20 ft 22 ft 24 ft 26 ft 30 ft 32 ft 34 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54 1.253" 47 1.415" 41 1.577" 36	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.416" 66 1.594" 58 1.789" 51	a uge 3 1/2" Fl. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.233" 70 1.400" 61 1.559" 54	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.681" 108 1.900" 94 2.113" 84	p auge 3 1/2" Fl. 322 .695" 260 .824" 216 .973" 181 1.128" 181 1.128" 154 1.294" 132 1.465" 116 1.670" 102 1.876" 90	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.455" 204 1.668" 176 1.900" 153 2.142" 135 2.413"	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467" 1.88 1.663" 1.65 1.893" 145 2.123" 128
10" Z Section 10" Z 10" Z 10" Z 10" Z 10" Z 10" Z	EE Bay 20 ft 22 ft 24 ft 26 ft 30 ft 32 ft 34 ft 36 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54 1.253" 47 1.415" 41 1.577" 36 1.744"	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.416" 66 1.594" 58 1.789" 51 1.980"	auge 3 1/2" Fl. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.233" 70 1.400" 61 1.559" 54 1.740"	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.681" 108 1.900" 94 2.113" 84 2.378"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128" 1.874 1.294" 132 1.465" 116 1.670" 102 1.876" 90 2.084"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.455" 204 1.668" 176 1.900" 153 2.142" 135 2.413" 119 2.677"	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467" 1.88 1.663" 1.653" 1.893" 145 2.123" 128 2.359"
10" Z Section $\begin{bmatrix} & & \\ & & $	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54 1.253" 47 1.415" 41 1.577" 36 1.744" 32	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.416" 66 1.594" 58 1.789" 51 1.980" 46	s or More Sp auge 3 1/2" Fl. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.233" 70 1.400" 61 1.559" 54 1.740" 48	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.681" 108 1.900" 94 2.113" 84 2.378" 75	p auge 3 1/2" Fl. 322 .695" 260 .824" 216 .973" 181 1.128" 154 1.294" 132 1.465" 116 1.670" 102 1.876" 90 2.084" 80	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.668" 176 1.900" 153 2.142" 135 2.413" 119 2.677" 106	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467" 1.88 1.663" 1.663" 1.653" 1.893" 145 2.123" 128 2.359" 114
10" Z Section	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. 131 .589" 107 .707" 88 .826" 74 .963" 63 1.106" 54 1.253" 47 1.415" 41 1.577" 36 1.744" 32 1 929"	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 184 .667" 149 .794" 123 .931" 103 1.077" 88 1.241" 76 1.416" 66 1.594" 58 1.789" 51 1.980" 46 2 220"	s or More Sp auge 3 1/2" Fl. 195 .582" 158 .692" 131 .815" 109 .942" 93 1.084" 80 1.233" 70 1.400" 61 1.559" 54 1.740" 48 1.925"	ans, Std. La 12 G 2 1/2" FI. 302 .794" 245 .946" 202 1.108" 169 1.285" 144 1.477" 124 1.681" 108 1.900" 94 2.113" 84 2.378" 75 2 642"	p auge 3 1/2" FI. 322 .695" 260 .824" 216 .973" 181 1.128" 154 1.294" 132 1.465" 116 1.670" 102 1.876" 90 2.084" 80 2.304"	10 G 2 1/2" FI. 426 .896" 345 1.066" 285 1.251" 240 1.455" 204 1.668" 176 1.900" 153 2.04 1.53 2.142" 135 2.413" 119 2.677" 106 2.965"	auge 3 1/2" FI. 457 .788" 370 .937" 306 1.101" 256 1.272" 219 1.467" 188 1.663" 165 1.893" 145 2.123" 128 2.359" 114 2.622"

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 KSJ 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 ASI2016 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" ZEES

	AI	lowable	uniforn	ı loads	in Poun	ds per	linear fo	oot		
						Simple	e Span			
12" 2	ΈE		16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Bay		2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" FI.	2 1/2" Fl.	3 1/2" FI.	2 1/2" Fl.	3 1/2" Fl.
		Lbs./Lf.	-	-	145	155	241	258	344	368
	20 ft	Deflection	-	-	.670"	.597"	.806"	.717"	.919"	.816"
		Lbs./Lf.	-	-	119	128	199	213	284	304
	22 ft	Deflection	-	-	.806"	.721"	.974"	.867"	1.111"	.987"
	04.6	Lbs./Lf.	-	-	100	107	167	179	238	255
	24 π	Deflection	-	-	.959"	.854"	1.158"	1.032"	1.319"	1.173"
	26.4	Lbs./Lf.	-	-	85	91	143	152	203	218
	20 11	Deflection	-	-	1.122"	1.000"	1.366"	1.207"	1.549"	1.381"
	28 ft	Lbs./Lf.	-	-	74	79	123	131	175	188
	20 11	Deflection	-	-	1.314"	1.168"	1.580"	1.399"	1.796"	1.602"
~	30 ft	Lbs./Lf.	-	-	64	68	107	114	152	163
	50 11	Deflection	-	-	1.498"	1.325"	1.812"	1.605"	2.056"	1.831"
	32 ft	Lbs./Lf.	-	-	56	60	94	100	134	143
	52 ft	Deflection	-	-	1.697"	1.513"	2.060"	1.822"	2.346"	2.079"
$ 2\frac{1}{2}$	34 ft	Lbs./Lf.	-	-	50	53	83	89	118	127
OR	0 -1 R	Deflection	-	-	1.931"	1.704"	2.318"	2.067"	2.633"	2.353"
<u>31</u> "	36 ft	Lbs./Lf.	-	-	44	47	74	79	106	113
32		Deflection	-	-	2.136"	1.899"	2.598"	2.306"	2.973"	2.632"
	38 ft	Lbs./Lf.	-	-	40	42	66	71	95	102
		Deflection	-	-	2.410"	2.107"	2.877"	2.573"	3.308"	2.949"
	40 ft	Lbs./Lf.	-	-	36	38	60	64	86	92
		Deflection	-	-	2.663"	2.340"	3.211"	2.847"	3.677"	3.266"
				L						
12" Z	ΈE		40.0		3	or More Sp	ans, Std. La	p	40.0	
12" Z	ΈE		16 G	auge	3 14 G	or More Sp auge	ans, Std. La 12 G	p auge	10 G	auge
12" Z Section	ЕЕ Вау		16 G 2 1/2" Fl.	auge 3 1/2" Fl.	3 14 G 2 1/2" FI.	or More Sp auge 3 1/2" Fl.	ans, Std. La 12 G 2 1/2" Fl.	p auge 3 1/2" FI.	10 G 2 1/2" Fl.	auge 3 1/2" FI.
12" z Section	ΈE Bay 20 ft	Lbs./Lf.	16 G 2 1/2" FI. -	auge 3 1/2" FI. -	3 14 G 2 1/2" FI. 209	or More Sp auge 3 1/2" FI. 220	ans, Std. La 12 G 2 1/2" FI. 369	p auge 3 1/2" FI. <u>394</u>	10 G 2 1/2" FI. 525 700"	auge 3 1/2" FI. 563
12" z Section	EE Bay 20 ft	Lbs./Lf. Deflection	16 G 2 1/2" FI. - -	auge 3 1/2" FI. -	3 14 G 2 1/2" FI. 209 .490"	or More Sp auge 3 1/2" FI. 220 .428"	ans, Std. La 12 G 2 1/2" Fl. 369 .625"	p auge 3 1/2" FI. 394 .554"	10 G 2 1/2" FI. 525 .709"	auge 3 1/2" FI. 563 .632"
12" Z Section	EE Bay 20 ft 22 ft	Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - -	auge 3 1/2" FI. - -	3 14 G 2 1/2" FI. 209 .490" 178 612"	or More Sp auge 3 1/2" FI. 220 .428" 188 520"	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 744"	p auge 3 1/2" FI. 394 .554" 320 664"	10 G 2 1/2" FI. 525 .709" 426	auge 3 1/2" FI. 563 .632" 456 751"
12" z	EE Bay 20 ft 22 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - -	auge 3 1/2" FI. - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148	or More Sp auge 3 1/2" FI. 220 .428" 188 .538"	ans, Std. La 12 G 2 1/2" Fl. 369 .625" 299 .744" 247	p auge 3 1/2" FI. 394 .554" 320 .661" 264	10 G 2 1/2" FI. 525 .709" 426 .846" 352	auge 3 1/2" FI. 563 .632" 456 .751"
12" z Section	EE Bay 20 ft 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - -	auge 3 1/2" FI. - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 725"	or More Sp auge 3 1/2" FI. 220 .428" 188 .538" 158 642"	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 873"	p auge 3 1/2" FI. 394 .554" 320 .661" 264 775"	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993	auge 3 1/2" FI. 563 .632" 456 .751" 377 883"
12" z	EE Bay 20 ft 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" Fl. - - - - - - -	auge 3 1/2" FI. - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124	or More Sp auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133	ans, Std. La 12 G 2 1/2" Fl. 369 .625" 299 .744" 247 .873" 208	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317
12" Z	EE Bay 20 ft 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" Fl. - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - -	3 14 G 2 1/2" Fl. 209 .490" 178 .613" 148 .725" 124 839"	or More Sp auge 3 1/2" Fl. 220 .428" 188 .538" 158 .642" 133 746"	ans, Std. La 12 G 2 1/2" Fl. 369 .625" 299 .744" 247 .873" 208 1 016"	p auge 3 1/2" Fl. 394 .554" 320 .661" 264 .775" 222 900"	10 G 2 1/2" Fl. 525 .709" 426 .846" 352 0.993 296 1 153"	auge 3 1/2" Fl. 563 .632" 456 .751" 377 .883" 317 1.025"
12" Z	EE Bay 20 ft 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" Fl. - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106	auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 177	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270
12" Z	EE 20 ft 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968"	auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855"	ans, Std. La 12 G 2 1/2" Fl. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165"	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033"	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323"	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177"
12" Z	EE 20 ft 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91	auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233
12" Z	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098"	or More Sp auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979"	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152 1.322"	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176"	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504"	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341"
12" Z	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" Fl. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 79	a or More Sp auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152 1.322" 132	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 189	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203
12" z	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" Fl. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 79 1.238"	auge 3 1/2" Fl. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85 1.102"	ans, Std. La 12 G 2 1/2" Fl. 369 .625" 299 .744" 247 .873" 208 1.016" 1.77 1.165" 152 1.322" 1.32 1.489"	p auge 3 1/2" Fl. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142 1.329"	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 189 1.699"	auge 3 1/2" Fl. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203 1.515"
Section	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" Fl. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 79 1.238" 69	s or More Sp auge 3 1/2" Fl. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85 1.102" 75	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152 1.322" 1.32 1.489" 117	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142 1.329" 125	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 189 1.699" 166	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203 1.515" 178
12" Z	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 79 1.238" 69 1.381"	S or More Sp auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85 1.102" 75 1.241"	ans, Std. La 12 G 2 1/2" Fl. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152 1.322" 1.32 1.489" 117 1.686"	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142 1.329" 125 1.493"	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 1.89 1.699" 166 1.905"	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203 1.515" 178 1.695"
12" Z Section	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 79 1.238" 69 1.381" 61	auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85 1.102" 75 1.241" 66	ans, Std. La 12 G 2 1/2" Fl. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152 1.322" 132 1.489" 117 1.686" 103	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142 1.329" 125 1.493" 110	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 189 1.699" 166 1.905" 148	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203 1.515" 178 1.695" 158
12" Z Section $\begin{bmatrix} & & \\ $	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 91 1.098" 79 1.238" 69 1.381" 61 1.539"	auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85 1.102" 75 1.241" 66 1.375"	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152 1.322" 1.322" 1.32 1.489" 117 1.686" 103 1.869"	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142 1.329" 125 1.493" 110 1.654"	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 1.89 1.699" 1.66 1.905" 148 2.138"	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203 1.515" 178 1.695" 158 1.894"
12" z Section	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 91 1.098" 79 1.238" 69 1.381" 61 1.539" 55	B or More Sp auge 3 1/2" FI. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85 1.102" 75 1.241" 66 1.375" 59	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152 1.322" 1.322" 1.32 1.489" 117 1.686" 103 1.869" 92	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142 1.329" 125 1.493" 125 1.493" 110 1.654" 99	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 1.89 1.699" 166 1.905" 148 2.138" 132	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203 1.515" 178 1.695" 158 1.894" 141
12" z Section	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 79 1.238" 69 1.381" 61 1.539" 55 1.726"	s or More Sp auge 3 1/2" Fl. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85 1.102" 75 1.241" 66 1.375" 59 1.528"	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 177 1.165" 152 1.322" 1.322" 1.32 1.489" 117 1.686" 103 1.869" 92 2.075"	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142 1.329" 125 1.493" 125 1.493" 110 1.654" 99 2.851"	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 1.89 1.699" 166 1.905" 148 2.138" 132 2.370"	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203 1.515" 178 1.695" 158 1.894" 141 2.101"
12" z Section	EE Bay 20 ft 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" Fl. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 209 .490" 178 .613" 148 .725" 124 .839" 106 .968" 91 1.098" 91 1.098" 79 1.238" 69 1.381" 61 1.539" 55 1.726" 49	or More Spauge 3 1/2" Fl. 220 .428" 188 .538" 158 .642" 133 .746" 113 .855" 98 .979" 85 1.102" 75 1.241" 66 1.375" 59 1.528" 53	ans, Std. La 12 G 2 1/2" FI. 369 .625" 299 .744" 247 .873" 208 1.016" 1.77 1.165" 152 1.322" 1.32 1.489" 117 1.686" 103 1.869" 92 2.075" 82	p auge 3 1/2" FI. 394 .554" 320 .661" 264 .775" 222 .900" 189 1.033" 163 1.176" 142 1.329" 125 1.493" 125 1.493" 110 1.654" 99 2.851" 88	10 G 2 1/2" FI. 525 .709" 426 .846" 352 0.993 296 1.153" 252 1.323" 217 1.504" 1.89 1.699" 166 1.905" 148 2.138" 132 2.370" 118	auge 3 1/2" FI. 563 .632" 456 .751" 377 .883" 317 1.025" 270 1.177" 233 1.341" 203 1.515" 178 1.695" 158 1.894" 141 2.101" 127

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 AIS12016 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.

1.893"

1.687"

2.275"

2.022"

Deflection

-



2.604"

2.326"

FLEXOSPAN STANDARD LOAD TABLE FOR 14" ZEES

	Al	lowable	uniform	n loads	in Pour	nds per l	linear fo	oot		
4.411	766					Simple	e Span			
14.	<u>ZEE</u>		16 G	auge	14 G	auge	12 G	auge	10 G	auge
Section	Bay		2 1/2" FI.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" Fl.	3 1/2" Fl.	2 1/2" FI.	3 1/2" FI.
	22 #	Lbs./Lf.	-	-	139	150	234	251	336	362
	22 π	Deflection	-	-	.646"	.586"	.785"	.708"	.900"	.814"
	24.8	Lbs./Lf.	-	-	116	126	197	211	283	304
	24 π	Deflection	-	-	.763"	.697"	.936"	.843"	1.073"	.968"
	26 ft	Lbs./Lf.	-	-	99	107	167	180	241	259
	20 11	Deflection	-	-	.897"	.816"	1.093"	.990"	1.259"	1.136"
	28 ft	Lbs./Lf.	-	-	85	92	144	155	207	223
	20 11	Deflection	-	-	1.036"	.943"	1.268"	1.147"	1.454"	1.316"
	30 ft	Lbs./Lf.	-	-	74	80	126	135	181	194
		Deflection	-	-	1.188"	1.081"	1.462"	1.317"	1.676"	1.508"
7	32 ft	Lbs./Lf.	-	-	65	70	110	119	159	170
		Deflection	-	-	1.351"	1.225"	1.652"	1.502"	1.906"	1.711"
	34 ft	Lbs./Lf.	-	-	58	62	98	105	141	151
		Deflection	-	-	1.537"	1.382"	1.876"	1.689"	2.154"	1.937"
	36 ft	Lbs./Lf.	-	-	51	55	87	94	125	135
<u> </u>		Deflection	-	-	1.698"	1.541"	2.093"	1.901"	2.400"	2.176"
OR	38 ft	Lbs./Lf.	-	-	46	50	/8	84	112	121
3 <u>1</u> "		Deflection	-	-	1.902"	1.740"	2.330"	2.109"	2.670"	2.422"
- 2	40 ft	Lbs./Lf.	-	-	42	45	/0	76	101	109
		Deflection	-	-	2.132"	1.922"	2.567"	2.343"	2.956"	2.678"
	42 ft	Lbs./Lf.	-	-	38	41	64	69	92	99
		Deflection	-	-	2.344"	2.129"	2.853"	2.585"	3.272"	2.957"
							044 1			
14" 2	ZEE				3	3 or More Sp	ans, Std. La	p		
14" i	ZEE	1	16 G	auge	3 14 G	or More Sp auge	ans, Std. La 12 G	auge	10 G	auge
14" á Section	ZEE Bay		16 G 2 1/2" FI.	auge 3 1/2" Fl.	3 14 G 2 1/2" FI.	3 or More Sp auge 3 1/2" FI.	ans, Std. La 12 G 2 1/2" FI. 251	p auge 3 1/2" FI.	10 G 2 1/2" FI.	auge 3 1/2" FI.
14" - Section	ZEE Bay 22 ft	Lbs./Lf.	16 G 2 1/2" FI. -	auge 3 1/2" FI. -	3 14 G 2 1/2" FI. 177 417"	or More Sp auge 3 1/2" FI. 182 261"	ans, Std. La 12 G 2 1/2" Fl. 351	p auge 3 1/2" FI. 377 540"	10 G 2 1/2" FI. 505 686"	auge 3 1/2" FI. 543
14" / Section	ZEE Bay 22 ft	Lbs./Lf. Deflection	16 G 2 1/2" FI. - -	auge 3 1/2" FI. -	14 G 2 1/2" FI. 177 .417"	or More Sp auge 3 1/2" FI. 182 .361"	ans, Std. La 12 G 2 1/2" FI. 351 .598"	auge 3 1/2" FI. 377 .540"	10 G 2 1/2" FI. 505 .686"	auge 3 1/2" FI. 543 .619"
14" a	ZEE Bay 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - -	auge 3 1/2" FI. - - -	3 14 G 2 1/2" FI. 177 .417" 154 516"	or More Sp auge 3 1/2" FI. 182 .361" 160 451"	ans, Std. La 12 G 2 1/2" FI. 351 .598" 290 704"	p auge 3 1/2" FI. 377 .540" 312 634"	10 G 2 1/2" FI. 505 .686" 418 807"	auge 3 1/2" FI. 543 .619" 448 726"
14" à	ZEE Bay 22 ft 24 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - -	auge 3 1/2" FI. - - - -	3 14 G 2 1/2" FI. 177 .417" 154 .516" 136	or More Sp auge 3 1/2" FI. 182 .361" 160 .451" 141	ans, Std. La 12 G 2 1/2" FI. 351 .598" 290 .701" 244	p auge 3 1/2" FI. 377 .540" 312 .634" 262	10 G 2 1/2" FI. 505 .686" 418 .807" 351	auge 3 1/2" FI. 543 .619" 448 .726" 377
14" - Section	ZEE Bay 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - -	auge 3 1/2" FI. - - - - -	3 14 G 2 1/2" FI. 177 .417" 154 .516" 136 629"	or More Sp auge 3 1/2" FI. 182 .361" 160 .451" 141 549"	ans, Std. La 12 G 2 1/2" FI. 351 .598" 290 .701" 244 815"	p auge 3 1/2" FI. 377 .540" 312 .634" 262 736"	10 G 2 1/2" FI. 505 .686" 418 .807" 351 936"	auge 3 1/2" FI. 543 .619" 448 .726" 377 844"
14" -	ZEE Bay 22 ft 24 ft 26 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - -	auge 3 1/2" FI. - - - - - - -	3 14 G 2 1/2" FI. 177 .417" 154 .516" 136 .629" 120	or More Sp auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208	p auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223	10 G 2 1/2" FI. 505 .686" 418 .807" 351 .936" 299	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322
14" -	ZEE Bay 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - -	14 G 2 1/2" FI. 177 .417" 154 .516" 136 .629" 120 .748"	auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125 .656"	ans, Std. La 12 G 2 1/2" FI. 351 .598" 290 .701" 244 .815" 208 .936"	p auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844"	10 G 2 1/2" FI. 505 .686" 418 .807" 351 .936" 299 1.074"	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971"
14" : Section	ZEE Bay 22 ft 24 ft 26 ft 28 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - -	14 G 2 1/2" FI. 177 .417" 154 .516" 136 .629" 120 .748" 106	auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125 .656" 112	ans, Std. La 12 G 2 1/2" FI. 351 .598" 290 .701" 244 .815" 208 .936" 179	auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193	10 G 2 1/2" FI. 505 .686" 418 .807" 351 .936" 299 1.074" 258	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277
14" : Section	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872"	auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776"	ans, Std. La 12 G 2 1/2" FI. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064"	auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964"	10 G 2 1/2" FI. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224"	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104"
14" i	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92	auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156	p auge 3 1/2" Fl. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 168	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225	auge 3 1/2" Fl. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242
14" >	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" Fl. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92 .982"	3 or More Sp auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898"	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203"	p auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 108 1.089"	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384"	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250"
14" i	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92 .982" 81	s or More Sp auge 3 1/2" Fl. 182 .361" 160 .451" 141 .549" 125 .656" 112 .656" 112 .776" 100 .898" 88	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137	p a uge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 168 1.089" 148	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212
14" i	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92 .982" 81 1.103"	or More Sp 3 1/2" Fl. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898" 88 1.009"	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137 1.348"	p 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 168 1.089" 148 1.224"	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197 1.547"	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212 1.398"
14" : Section	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92 .982" 81 1.103" 72	3 or More Sp auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898" 88 1.009" 78	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137 1.348" 122	p auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 108 1.089" 148 1.224" 131	10 G 2 1/2" FI. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197 1.547" 174	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212 1.398" 188
14" : Section	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" FI. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92 .982" 81 1.103" 72 1.234"	auge auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898" 88 1.009" 78 1.125"	ans, Std. La 12 G 2 1/2" FI. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137 1.348" 122 1.511"	p auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 168 1.089" 148 1.224" 131 1.364"	10 G 2 1/2" FI. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197 1.547" 174 1.720"	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212 1.398" 188 1.560"
14"	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92 .982" 81 1.103" 72 1.234" 64	auge 3 1/2" FI. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898" 88 1.009" 78 1.125" 69	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137 1.348" 122 1.511" 108	p auge 3 1/2" Fl. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 108 1.089" 148 1.224" 131 1.364"	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197 1.547" 174 1.720" 155	auge 3 1/2" Fl. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212 1.398" 188 1.560" 168
14": Section 	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" Fl. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" Fl. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92 .982" 81 1.103" 72 1.234" 64 1.364"	3 or More Sp auge 3 1/2" Fl. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898" 88 1.009" 78 1.125" 69 1.238"	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137 1.348" 122 1.511" 108 1.663"	p auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 193 .964" 168 1.089" 148 1.224" 131 1.364" 117 1.514"	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197 1.547" 174 1.720" 155 1.905"	auge 3 1/2" Fl. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212 1.398" 188 1.560" 168 1.733"
14": Section $ \begin{array}{c} & & \\ $	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 106 .872" 92 .982" 81 1.103" 72 1.234" 64 1.364" 58	B or More Sp auge 3 1/2" Fl. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898" 88 1.009" 78 1.125" .69 1.238" 62	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137 1.348" 122 1.511" 108 1.663" 97	p auge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 108 1.089" 148 1.224" 131 1.364" 117 1.514"	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197 1.547" 1.547" 174 1.720" 155 1.905" 140	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212 1.398" 188 1.560" 168 1.733" 150
14"	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft 40 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" 120 .872" 92 .982" .81 1.103" .72 1.234" 64 1.364" .58 1.519"	Sor More Sp auge 3 1/2" Fl. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898" 88 1.009" 78 1.125" 69 1.238" 62 1.367"	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137 1.348" 122 1.511" 108 1.663" 97 1.836"	p a uge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 103 .964" 168 1.089" 148 1.224" 131 1.364" 117 1.514" 105 1.670"	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197 1.547" 1.547" 1.74 1.720" 155 1.905" 140 2.115"	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212 1.398" 188 1.560" 168 1.733" 150 1.902"
14" : Section	ZEE Bay 22 ft 24 ft 26 ft 28 ft 30 ft 32 ft 34 ft 36 ft 38 ft 40 ft	Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf. Deflection Lbs./Lf.	16 G 2 1/2" FI. - - - - - - - - - - - - - - - - - - -	auge 3 1/2" FI. - - - - - - - - - - - - - - - - - - -	3 14 G 2 1/2" Fl. 177 .417" 154 .516" 136 .629" 120 .748" .748" .72 .724" .724" .7364" .758 .759" .752	B or More Sp auge 3 1/2" Fl. 182 .361" 160 .451" 141 .549" 125 .656" 112 .776" 100 .898" 88 1.009" 78 1.125" 69 1.238" 62 1.367"	ans, Std. La 12 G 2 1/2" Fl. 351 .598" 290 .701" 244 .815" 208 .936" 179 1.064" 156 1.203" 137 1.348" 122 1.511" 108 1.663" 97 1.836" 88	p a uge 3 1/2" FI. 377 .540" 312 .634" 262 .736" 223 .844" 193 .964" 168 1.089" 148 1.224" 131 1.364" 1.31 1.364" 105 1.670" 94	10 G 2 1/2" Fl. 505 .686" 418 .807" 351 .936" 299 1.074" 258 1.224" 225 1.384" 197 1.547" 174 1.720" 155 1.905" 140 2.115" 126	auge 3 1/2" FI. 543 .619" 448 .726" 377 .844" 322 .971" 277 1.104" 242 1.250" 212 1.398" 188 1.560" 168 1.733" 150 1.902" 136

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 ASI2016 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.

