



FTY=17KSI			
Positive and Negative Bending			
	0.032	0.040	0.050
Y=	0.438 in	0.438 in	0.438 in
S=	0.092 in ³ /ft	0.117 in ³ /ft	0.147 in ³ /ft
I=	0.040 in ⁴ /ft	0.051 in ⁴ /ft	0.065 in ⁴ /ft
M _a =	0.074 ft-k/ft	0.096 ft-k/ft	0.123 ft-k/ft
P _{c,int} =	0.528 k/ft	0.847 k/ft	1.351 k/ft
P _{c,end} =	0.257 k/ft	0.412 k/ft	0.658 k/ft

0.032" Aluminum									
Load (psf)	L/240 Deflection Criteria			L/180 Deflection Criteria			L/120 Deflection Criteria		
	Span Condition			Span Condition			Span Condition		
	Single	Double	Triple	Single	Double	Triple	Single	Double	Triple
10	*4'-5"	*6'-0"	*5'-6"	*4'-11"	*6'-7"	*6'-1"	*5'-7"	7'-5"	*6'-11"
15	*3'-11"	*5'-3"	*4'-10"	*4'-3"	*5'-9"	*5'-4"	*4'-11"	6'-0"	*6'-1"
20	*3'-6"	*4'-9"	*4'-4"	*3'-11"	5'-2"	*4'-10"	*4'-5"	5'-2"	*5'-6"
25	*3'-3"	*4'-5"	*4'-1"	*3'-7"	4'-7"	*4'-5"	*4'-2"	4'-7"	*5'-1"
30	*3'-1"	*4'-2"	*3'-10"	*3'-5"	4'-2"	*4'-2"	*3'-11"	4'-2"	4'-8"
35	*2'-11"	3'-10"	*3'-7"	*3'-3"	3'-10"	*4'-0"	*3'-8"	3'-10"	4'-3"
40	*2'-9"	3'-6"	*3'-5"	*3'-1"	3'-6"	*3'-10"	*3'-6"	3'-6"	4'-0"
45	*2'-8"	3'-4"	*3'-4"	*2'-11"	3'-4"	*3'-8"	*3'-5"	3'-4"	3'-9"
50	*2'-7"	3'-1"	*3'-2"	*2'-10"	3'-1"	3'-6"	*3'-3"	3'-1"	3'-6"
55	*2'-6"	2'-11"	*3'-1"	*2'-9"	2'-11"	3'-4"	*3'-2"	2'-11"	3'-4"
60	*2'-5"	2'-10"	*3'-0"	*2'-8"	2'-10"	3'-2"	3'-1"	2'-10"	3'-2"
65	*2'-4"	2'-8"	*2'-11"	*2'-7"	2'-8"	3'-0"	3'-0"	2'-8"	3'-0"
70	*2'-4"	2'-7"	*2'-10"	*2'-6"	2'-7"	2'-10"	2'-10"	2'-7"	2'-10"
75	*2'-3"	2'-5"	2'-9"	*2'-6"	2'-5"	2'-9"	2'-9"	2'-5"	2'-9"
80	*2'-2"	2'-4"	2'-8"	*2'-5"	2'-4"	2'-8"	2'-8"	2'-4"	2'-8"
85	*2'-2"	2'-3"	2'-7"	*2'-5"	2'-3"	2'-7"	2'-7"	2'-3"	2'-7"
90	*2'-1"	2'-2"	2'-6"	*2'-4"	2'-2"	2'-6"	2'-6"	2'-2"	2'-6"
95	*2'-1"	2'-2"	2'-5"	*2'-3"	2'-2"	2'-5"	2'-5"	2'-2"	2'-5"
100	*2'-1"	2'-1"	2'-4"	*2'-3"	2'-1"	2'-4"	2'-5"	2'-1"	2'-4"

0.040" Aluminum									
Load (psf)	L/240 Deflection Criteria			L/180 Deflection Criteria			L/120 Deflection Criteria		
	Span Condition			Span Condition			Span Condition		
	Single	Double	Triple	Single	Double	Triple	Single	Double	Triple
10	*4'-10"	*6'-6"	*6'-0"	*5'-4"	*7'-1"	*6'-7"	*6'-1"	*8'-2"	*7'-6"
15	*4'-2"	*5'-8"	*5'-2"	*4'-8"	*6'-3"	*5'-9"	*5'-4"	6'-11"	*6'-7"
20	*3'-10"	*5'-1"	*4'-9"	*4'-2"	*5'-8"	*5'-2"	*4'-10"	6'-0"	*6'-0"
25	*3'-6"	*4'-9"	*4'-5"	*3'-11"	*5'-3"	*4'-10"	*4'-6"	5'-4"	*5'-6"
30	*3'-4"	*4'-6"	*4'-1"	*3'-8"	4'-10"	*4'-6"	*4'-2"	4'-10"	*5'-2"
35	*3'-2"	*4'-3"	*3'-11"	*3'-6"	4'-5"	*4'-4"	*4'-0"	4'-5"	*4'-11"
40	*3'-0"	*4'-1"	*3'-9"	*3'-4"	4'-2"	*4'-1"	*3'-10"	4'-2"	4'-8"
45	*2'-11"	3'-11"	*3'-7"	*3'-2"	3'-11"	*4'-0"	*3'-8"	3'-11"	4'-4"
50	*2'-10"	3'-8"	*3'-6"	*3'-1"	3'-8"	*3'-10"	*3'-6"	3'-8"	4'-1"
55	*2'-9"	3'-6"	*3'-4"	*3'-0"	3'-6"	*3'-8"	*3'-5"	3'-6"	3'-11"
60	*2'-8"	3'-4"	*3'-3"	*2'-11"	3'-4"	*3'-7"	*3'-4"	3'-4"	3'-9"
65	*2'-7"	3'-2"	*3'-2"	*2'-10"	3'-2"	*3'-6"	*3'-3"	3'-2"	3'-7"
70	*2'-6"	3'-1"	*3'-1"	*2'-9"	3'-1"	*3'-5"	*3'-2"	3'-1"	3'-5"
75	*2'-5"	2'-11"	*3'-0"	*2'-8"	2'-11"	3'-3"	*3'-1"	2'-11"	3'-3"
80	*2'-5"	2'-10"	*3'-0"	*2'-8"	2'-10"	3'-2"	*3'-0"	2'-10"	3'-2"
85	*2'-4"	2'-9"	*2'-11"	*2'-7"	2'-9"	3'-1"	2'-11"	2'-9"	3'-1"
90	*2'-4"	2'-8"	*2'-10"	*2'-6"	2'-8"	3'-0"	2'-10"	2'-8"	3'-0"
95	*2'-3"	2'-7"	*2'-10"	*2'-6"	2'-7"	2'-11"	2'-9"	2'-7"	2'-11"
100	*2'-3"	2'-6"	*2'-9"	*2'-5"	2'-6"	2'-9"	2'-9"	2'-6"	2'-9"

0.050" Aluminum									
Load (psf)	L/240 Deflection Criteria			L/180 Deflection Criteria			L/120 Deflection Criteria		
	Span Condition			Span Condition			Span Condition		
	Single	Double	Triple	Single	Double	Triple	Single	Double	Triple
10	*5'-3"	*7'-0"	*6'-5"	*5'-9"	*7'-8"	*7'-1"	*6'-7"	*8'-10"	*8'-2"
15	*4'-7"	*6'-1"	*5'-8"	*5'-0"	*6'-9"	*6'-2"	*5'-9"	*7'-8"	*7'-1"
20	*4'-2"	*5'-6"	*5'-1"	*4'-7"	*6'-1"	*5'-8"	*5'-3"	6'-10"	*6'-5"
25	*3'-10"	*5'-2"	*4'-9"	*4'-3"	*5'-8"	*5'-3"	*4'-10"	6'-1"	*6'-0"
30	*3'-7"	*4'-10"	*4'-5"	*4'-0"	*5'-4"	*4'-11"	*4'-7"	5'-7"	*5'-8"
35	*3'-5"	*4'-7"	*4'-3"	*3'-9"	*5'-1"	*4'-8"	*4'-4"	5'-2"	*5'-4"
40	*3'-3"	*4'-5"	*4'-1"	*3'-7"	4'-9"	*4'-5"	*4'-2"	4'-9"	*5'-1"
45	*3'-2"	*4'-3"	*3'-11"	*3'-6"	4'-6"	*4'-3"	*4'-0"	4'-6"	*4'-11"
50	*3'-0"	*4'-1"	*3'-9"	*3'-4"	4'-3"	*4'-2"	*3'-10"	4'-3"	*4'-9"
55	*2'-11"	*3'-11"	*3'-8"	*3'-3"	4'-1"	*4'-0"	*3'-8"	4'-1"	4'-6"
60	*2'-10"	*3'-10"	*3'-6"	*3'-2"	3'-10"	*3'-11"	*3'-7"	3'-10"	4'-4"
65	*2'-9"	3'-8"	*3'-5"	*3'-1"	3'-8"	*3'-9"	*3'-6"	3'-8"	4'-2"
70	*2'-8"	3'-7"	*3'-4"	*3'-0"	3'-7"	*3'-8"	*3'-5"	3'-7"	4'-0"
75	*2'-8"	3'-5"	*3'-3"	*2'-11"	3'-5"	*3'-7"	*3'-4"	3'-5"	3'-10"
80	*2'-7"	3'-4"	*3'-2"	*2'-10"	3'-4"	*3'-6"	*3'-3"	3'-4"	3'-9"
85	*2'-6"	3'-2"	*3'-2"	*2'-9"	3'-2"	*3'-5"	*3'-2"	3'-2"	3'-7"
90	*2'-6"	3'-1"	*3'-1"	*2'-9"	3'-1"	*3'-5"	*3'-2"	3'-1"	3'-6"
95	*2'-5"	3'-0"	*3'-0"	*2'-8"	3'-0"	*3'-4"	*3'-1"	3'-0"	3'-5"
100	*2'-5"	2'-11"	*3'-0"	*2'-8"	2'-11"	*3'-3"	*3'-0"	2'-11"	3'-3"

- Notes:
1. Minimum 1.5" bearing assumed.
 2. Connection of panel to supporting structure not investigated.
 3. Design thickness assumed 0.002" less than nominal thickness.
 4. Span lengths indicated by * are controlled by deflection.
 6. Since allowable loads and spans can be affected by actual conditions of use, information in these tables is intended for use by those qualified to assess these effects.
 7. Load tables are based upon section property analysis. Other factors such as fastener adequacy may apply to allowable span conditions per project.