



Finishes You've Never Seen Before®

AG PANEL

UPLIFT LOAD CHART

UPLIFT - TOTAL ALLOWABLE LOAD IN PSF (SPAN IN FEET)

Gauge	Span Type	Load Type	1.5	2	2.5	3	3.5	4	5	6	7	8
29 (Fy=80ksi)	Single Span	Stress	118.3	66.5	42.6	29.6	21.7	16.6	10.6	7.4	5.4	4.2
		Deflection	145.1	61.2	31.3	18.1	11.4	7.7	3.9	2.3	1.4	1.0
	2 Spans	Stress	167.9	94.4	60.4	42.0	30.8	23.6	15.1	10.5	7.7	5.9
		Deflection	582.6	245.8	125.8	72.8	45.9	30.7	15.7	9.1	5.7	3.8
	3 Spans or More	Stress	195.9	110.2	70.5	49.0	36.0	27.5	17.6	12.2	9.0	6.9
		Deflection	484.5	204.4	104.7	60.6	38.1	25.6	13.1	7.6	4.8	3.2

26 (Fy=80ksi)	Single Span	Stress	194.7	109.5	70.1	48.7	35.8	27.4	17.5	12.2	8.9	6.8
		Deflection	201.1	84.9	43.4	25.1	15.8	10.6	5.4	3.1	2.0	1.3
	2 Spans	Stress	226.0	127.1	81.3	56.5	41.5	31.8	20.3	14.1	10.4	7.9
		Deflection	791.1	333.8	170.9	98.9	62.3	41.7	21.4	12.4	7.8	5.2
	3 Spans or More	Stress	263.7	148.3	94.9	65.9	48.4	37.1	23.7	16.5	12.1	9.3
		Deflection	657.9	277.6	142.1	82.2	51.8	34.7	17.8	10.3	6.5	4.3

24 (Fy=50ksi)	Single Span	Stress	216.1	121.5	77.8	54.0	39.7	30.4	19.4	13.5	9.9	7.6
		Deflection	290.2	122.4	62.7	36.3	22.8	15.3	7.8	4.5	2.9	1.9
	2 Spans	Stress	242.9	136.6	87.4	60.7	44.6	34.2	21.9	15.2	11.2	8.5
		Deflection	1024.2	432.1	221.2	128.0	80.6	54.0	27.7	16.0	10.1	6.8
	3 Spans or More	Stress	283.5	159.5	102.1	70.9	52.1	39.9	25.5	17.7	13.0	10.0
		Deflection	851.7	359.3	184.0	106.5	67.0	44.9	23.0	13.3	8.4	5.6

22 (Fy=50ksi)	Single Span	Stress	278.8	156.9	100.4	69.7	51.2	39.2	25.1	17.4	12.8	9.8
		Deflection	402.3	169.7	86.9	50.3	31.7	21.2	10.9	6.3	4.0	2.7
	2 Spans	Stress	307.8	173.2	110.8	77.0	56.5	43.3	27.7	19.2	14.1	10.8
		Deflection	1355.4	571.8	292.8	169.4	106.7	71.5	36.6	21.2	13.3	8.9
	3 Spans or More	Stress	359.3	202.1	129.3	89.8	66.0	50.5	32.3	22.5	16.5	12.6
		Deflection	1127.1	475.5	243.5	140.9	88.7	59.4	30.4	17.6	11.1	7.4

Section Properties			Top In Compression			Bott. In Compression		
Gauge	fy	wt	ix	sx	ma	ix	sx	ma
	(ksi)	(psf)	(in ⁴ /ft)	(in ³ /ft)	(kip-in)	(in ⁴ /ft)	(in ³ /ft)	(kip-in)
29	80	0.57	0.0095	0.0158	0.5665	0.0057	0.0133	0.3992
26	80	0.77	0.0129	0.0212	0.7626	0.0079	0.0183	0.6572
24	50	0.99	0.0167	0.0274	0.8198	0.0114	0.0243	0.7292
22	50	1.26	0.0221	0.0347	1.0389	0.0158	0.0314	0.9411
Max Deflection:		180						

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