



UFS, UFSV - $F_y = 80$ ksi											
Section Properties						AS D			LRFD		
Metal Thickness		Wt. (psf)	I_p (in ⁴)	S_p (in ³)	S_n (in ³)	V (lbs)	R_{be} (lbs)	R_{bi} (lbs)	V (lbs)	R_{be} (lbs)	R_{bi} (lbs)
Gage	Inches										
28	0.0149	0.8	0.011	0.036	0.037	1320	670	800	2010	1020	1180
26	0.0179	0.9	0.014	0.045	0.047	1580	930	1140	2410	1430	1690
24	0.0239	1.2	0.019	0.063	0.063	2100	1570	1980	3190	2390	2950
22	0.0295	1.5	0.023	0.078	0.078	2580	2290	2960	3920	3500	4400
20	0.0358	1.8	0.028	0.094	0.094	3110	3240	4260	4730	4950	6340

UFS, UFSV

UNIFORM TOTAL LOAD / Load that Produces L/180 Deflection, psf											
Gage	Span Condition	Span									
		2'0"	2'6"	3'0"	3'6"	4'0"	4'6"	5'0"	5'6"	6'0"	
AS D	28	Single	216 / 120	138 / 62	96 / 36	71 / 22	54 / 15	43 / 11	35 / 8	29 / 6	24 / 4
		Double	217 / 290	140 / 148	98 / 86	72 / 54	55 / 36	44 / 25	35 / 19	29 / 14	25 / 11
		Triple	269 / 227	174 / 116	122 / 67	90 / 42	69 / 28	54 / 20	44 / 15	37 / 11	31 / 8
	26	Single	270 / 153	173 / 78	120 / 45	88 / 29	67 / 19	53 / 13	43 / 10	36 / 7	30 / 6
		Double	275 / 369	178 / 189	124 / 109	91 / 69	70 / 46	55 / 32	45 / 24	37 / 18	31 / 14
		Triple	341 / 289	221 / 148	154 / 86	114 / 54	87 / 36	69 / 25	56 / 18	46 / 14	39 / 11
	24	Single	378 / 208	242 / 106	168 / 62	123 / 39	94 / 26	75 / 18	60 / 13	50 / 10	42 / 8
		Double	369 / 501	238 / 256	166 / 148	122 / 93	94 / 63	74 / 44	60 / 32	50 / 24	42 / 19
		Triple	456 / 392	296 / 201	207 / 116	152 / 73	117 / 49	93 / 34	75 / 25	62 / 19	52 / 15
	22	Single	468 / 252	300 / 129	208 / 75	153 / 47	117 / 31	92 / 22	75 / 16	62 / 12	52 / 9
		Double	456 / 606	295 / 310	206 / 180	152 / 113	116 / 76	92 / 53	75 / 39	62 / 29	52 / 22
		Triple	564 / 474	366 / 243	256 / 141	189 / 88	145 / 59	115 / 42	93 / 30	77 / 23	65 / 18
20	Single	564 / 306	361 / 157	251 / 91	184 / 57	141 / 38	111 / 27	90 / 20	75 / 15	63 / 11	
	Double	550 / 738	355 / 378	248 / 219	183 / 138	140 / 92	111 / 65	90 / 47	74 / 35	62 / 27	
	Triple	680 / 577	441 / 296	308 / 171	227 / 108	175 / 72	138 / 51	112 / 37	93 / 28	78 / 21	
LRFD	28	Single	342 / 120	219 / 62	152 / 36	112 / 22	85 / 15	68 / 11	55 / 8	45 / 6	38 / 4
		Double	343 / 290	222 / 148	155 / 86	114 / 54	87 / 36	69 / 25	56 / 19	46 / 14	39 / 11
		Triple	425 / 227	275 / 116	192 / 67	142 / 42	109 / 28	86 / 20	70 / 15	58 / 11	49 / 8
	26	Single	428 / 153	274 / 78	190 / 45	140 / 29	107 / 19	84 / 13	68 / 10	57 / 7	48 / 6
		Double	435 / 369	281 / 189	196 / 109	145 / 69	111 / 46	88 / 32	71 / 24	59 / 18	49 / 14
		Triple	538 / 289	349 / 148	244 / 86	180 / 54	138 / 36	109 / 25	89 / 18	73 / 14	62 / 11
	24	Single	599 / 208	383 / 106	266 / 62	195 / 39	150 / 26	118 / 18	96 / 13	79 / 10	67 / 8
		Double	583 / 501	376 / 256	263 / 148	194 / 93	149 / 63	118 / 44	95 / 32	79 / 24	66 / 19
		Triple	720 / 392	467 / 201	327 / 116	241 / 73	185 / 49	147 / 34	119 / 25	98 / 19	83 / 15
	22	Single	741 / 252	474 / 129	329 / 75	242 / 47	185 / 31	146 / 22	119 / 16	98 / 12	82 / 9
		Double	721 / 606	466 / 310	325 / 180	240 / 113	184 / 76	146 / 53	118 / 39	98 / 29	82 / 22
		Triple	891 / 474	578 / 243	405 / 141	299 / 88	229 / 59	182 / 42	147 / 30	122 / 23	102 / 18
20	Single	893 / 306	572 / 157	397 / 91	292 / 57	223 / 38	176 / 27	143 / 20	118 / 15	99 / 11	
	Double	869 / 738	562 / 378	392 / 219	289 / 138	222 / 92	175 / 65	142 / 47	118 / 35	99 / 27	
	Triple	1074 / 577	697 / 296	487 / 171	360 / 108	276 / 72	219 / 51	177 / 37	147 / 28	123 / 21	

NOTES:
 Vented deck with 1.5% maximum open area is available for use with insulating fills. It is acceptable to ignore the contribution of the insulating fill and use the load table above, however, insulating fill manufacturers have determined load capacities of various combinations of fill and deck both with and without foamed plastic insulation boards. Refer to the fill manufacturer's literature for more specific loading limitations.
 R_{be} is the bearing capacity at an exterior condition based on 1 1/2" of bearing. R_{bi} is the bearing capacity at an interior condition based on 3" of bearing.

UFS, UFSV