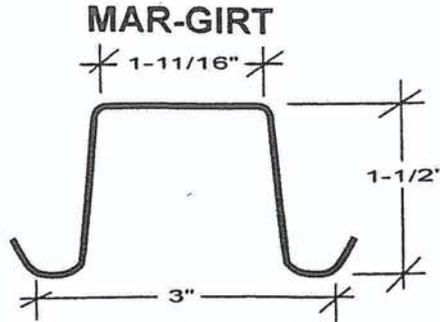


PRODUCT INFORMATION



| SECTION PROPERTIES | | | | | | | | |
|--------------------|----------------------|--------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|--------------------------|
| | | | TOP IN COMPRESSION | | | BOTTOM IN COMPRESSION | | |
| PANEL GAUGE | F _y (KSI) | WEIGHT (PLF) | I _y (in.4/ft.) | S _a (in.3/ft.) | M _a (Kip in.) | I _x (in.4/ft.) | S _e (in.3/ft.) | M _a (Kip in.) |
| 24 | 50 | .53 | .0438 | .0550 | 1.649 | .0506 | .0638 | 1.915 |
| 22 | 50 | .66 | .0573 | .0736 | 2.208 | .0628 | .0791 | 2.372 |
| 20 | 50 | .80 | .0730 | .0941 | 2.824 | .0765 | .0959 | 2.878 |
| 18 | 50 | 1.06 | .1024 | .1278 | 3.834 | .1024 | .1278 | 3.834 |
| 16 | 50 | 1.33 | .1289 | .1600 | 4.799 | .1289 | .1600 | 4.799 |

| Single Span Condition | | | | | | | | | | |
|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SPAN (FT.) | 16 GAUGE | | 18 GAUGE | | 20 GAUGE | | 22 GAUGE | | 24 GAUGE | |
| | LL (PLF) | WL (PLF) |
| 2.0 | 800 | 1067 | 639 | 848 | 470 | 605 | 369 | 465 | 275 | 347 |
| 3.0 | 356 | 417 | 284 | 331 | 209 | 247 | 164 | 203 | 122 | 154 |
| 4.0 | 176 | 176 | 140 | 140 | 105 | 104 | 84 | 86 | 64 | 69 |
| 5.0 | 90 | 90 | 72 | 72 | 54 | 53 | 43 | 44 | 33 | 35 |
| 6.0 | 52 | 52 | 41 | 41 | 31 | 31 | 25 | 25 | 19 | 20 |
| 7.0 | 33 | 33 | 26 | 26 | 20 | 19 | 16 | 16 | 12 | 13 |
| 8.0 | 22 | 22 | 17 | 17 | 13 | 13 | 10 | 11 | 8 | 9 |
| 9.0 | 15 | 15 | 12 | 12 | 9 | 9 | 7 | 8 | 6 | 6 |
| 10.0 | 11 | 11 | 9 | 9 | 7 | 7 | 5 | 5 | 5 | 4 |

| Two Span Condition | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SPAN (FT.) | 16 GAUGE | | 18 GAUGE | | 20 GAUGE | | 22 GAUGE | | 24 GAUGE | |
| | LL (PLF) | WL (PLF) |
| 2.0 | 800 | 1067 | 639 | 848 | 480 | 605 | 396 | 465 | 319 | 347 |
| 3.0 | 356 | 474 | 284 | 377 | 213 | 269 | 176 | 206 | 142 | 154 |
| 4.0 | 200 | 267 | 160 | 211 | 120 | 151 | 99 | 116 | 80 | 87 |
| 5.0 | 128 | 171 | 102 | 136 | 77 | 97 | 63 | 74 | 51 | 55 |
| 6.0 | 88 | 99 | 71 | 78 | 53 | 67 | 44 | 52 | 35 | 38 |
| 7.0 | 62 | 62 | 50 | 49 | 37 | 37 | 30 | 38 | 23 | 24 |
| 8.0 | 42 | 42 | 33 | 33 | 25 | 25 | 20 | 20 | 15 | 16 |
| 9.0 | 29 | 29 | 23 | 23 | 17 | 17 | 14 | 14 | 11 | 11 |
| 10.0 | 21 | 21 | 17 | 17 | 13 | 13 | 10 | 10 | 8 | 8 |

| Three Span or More Condition | | | | | | | | | | |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SPAN (FT.) | 16 GAUGE | | 18 GAUGE | | 20 GAUGE | | 22 GAUGE | | 24 GAUGE | |
| | LL (PLF) | WL (PLF) |
| 2.0 | 999 | 1333 | 799 | 1060 | 600 | 756 | 494 | 582 | 399 | 434 |
| 3.0 | 444 | 474 | 355 | 471 | 266 | 336 | 220 | 259 | 177 | 193 |
| 4.0 | 250 | 333 | 200 | 265 | 150 | 189 | 124 | 145 | 100 | 109 |
| 5.0 | 160 | 171 | 127 | 136 | 96 | 101 | 79 | 83 | 62 | 67 |
| 6.0 | 99 | 99 | 89 | 78 | 59 | 84 | 47 | 65 | 36 | 39 |
| 7.0 | 62 | 62 | 50 | 49 | 37 | 37 | 30 | 47 | 23 | 24 |
| 8.0 | 42 | 42 | 33 | 33 | 25 | 25 | 20 | 20 | 15 | 16 |
| 9.0 | 29 | 29 | 23 | 23 | 17 | 17 | 14 | 14 | 11 | 11 |
| 10.0 | 21 | 21 | 17 | 17 | 13 | 13 | 10 | 10 | 8 | 8 |

LL = Live Load Limited by Deflection L/180
 WL = Negative Wind Load