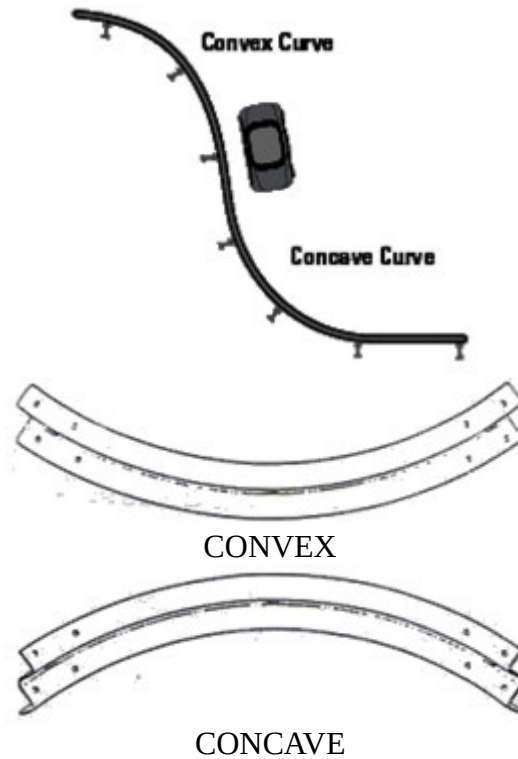


It's sometimes difficult to determine what's needed when the guardrail is curved. This information will help you determine the curvature based on a few measurements.

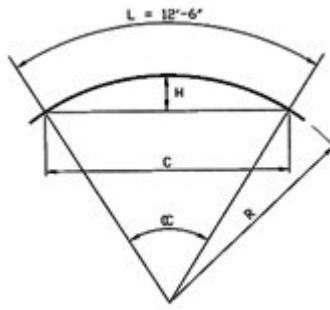
***The first characteristic of radius rail is the curve type:***



***The second characteristic of radius rail is the rise:***

When ordering radius rail we will need the R-Ft Dimension or "H" dimension (see chart). To get this, run a string line from end post to end post then lay your tape from middle post to string. This gives you the rise or the "H" dimension. We will also need to know if the bend is convex or concave.





Dimensions For 12' 6" Curved Rail

| R-Ft | Oc      | C<br>(Approx.) | H<br>(Approx.) |
|------|---------|----------------|----------------|
| 5    | 143°14' | 9'-5 7/8"      | 3'-5"          |
| 10   | 71°37'  | 11'-8 3/8"     | 1'-10 3/4"     |
| 15   | 47°45'  | 12'-1 3/4"     | 1'-3 3/8"      |
| 20   | 35°50'  | 12'-3 5/8"     | 11 3/4"        |
| 25   | 28°39'  | 12'-4 3/8"     | 9 1/2"         |
| 30   | 23°52'  | 12'-4 5/8"     | 7 7/8"         |
| 35   | 20°28'  | 12'-4 3/4"     | 6 7/8"         |
| 40   | 17°54'  | 12'-4 7/8"     | 6"             |
| 45   | 15°55'  | 12'-5"         | 5 1/4"         |
| 50   | 14°20'  | 12'-5 1/8"     | 4 5/8"         |
| 60   | 11°56'  | 12'-5 1/4"     | 4"             |
| 70   | 10°14'  | 12'-5 3/8"     | 3 1/2"         |
| 80   | 8°56'   | 12'-5 1/2"     | 3"             |
| 90   | 7°57'   | 12'-5 5/8"     | 2 5/8"         |
| 100  | 7°10'   | 12'-5 3/4"     | 2 3/8"         |
| 110  | 6°31'   | 12'-5 7/8"     | 2 1/8"         |

|            |              |               |               |
|------------|--------------|---------------|---------------|
| <b>120</b> | <b>5°58'</b> | <b>12'-6"</b> | <b>1 7/8"</b> |
| <b>130</b> | <b>5°31'</b> | <b>12'-6"</b> | <b>1 3/4"</b> |
| <b>140</b> | <b>5°7'</b>  | <b>12'-6"</b> | <b>1 5/8"</b> |
| <b>150</b> | <b>4°46'</b> | <b>12'-6"</b> | <b>1 1/2"</b> |