Explanation of Curved Track Terms

A sketch or template must accompany each inquiry or order for Curvit-Sure® curved tracks. The sketch shown below explains terms used in connection with curved tracks. A simple formula for determining the radius when Chord (AC) and Rise (BD) are given is as follows:

\[
\text{Radius (R)} = \frac{(AC)^2 + BD^2}{2BD}
\]

When placing an order for Curvit-Sure® curved tracks, the following information is required:

A. Arc (track channel) and all radii dimensions (6' minimum radius).
B. Manner of mounting track (suspended or ceiling-mounted).
C. Is the track machine or hand operated?

**No. 3500 Channel**

1' - 1 lb.
12 gauge extruded aluminum, mill-finish. Obtainable in unspliced lengths up to 20'. Must be curved at factory. Minimum radius: 6' (layout dependent).
Approximately: 2-1/4” wide x 2-1/2 high.

**No. 3501 Nylon Ball-Bearing Single Carrier**

1 – 5 oz.
Carrier spacing: 12". Block constructed of plated steel equipped with two nylon-tired ball-bearing wheels. Rubber bumper helps with noise suppression when curtain is opening. Carrier width: Approximately 1-1/2”.

**No. 3501-A Neoprene Ball-Bearing Single Carrier**

1 - 5 oz.
Carrier spacing: 12"
Block constructed of plated steel equipped with 2 neoprene-tired ball-bearing wheels. Rubber bumper helps with noise suppression when curtain is opening.
Carrier width: Approximately 1-1/2”.

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ABC - Arc
AC - Chord
BD - Rise
R - Radius