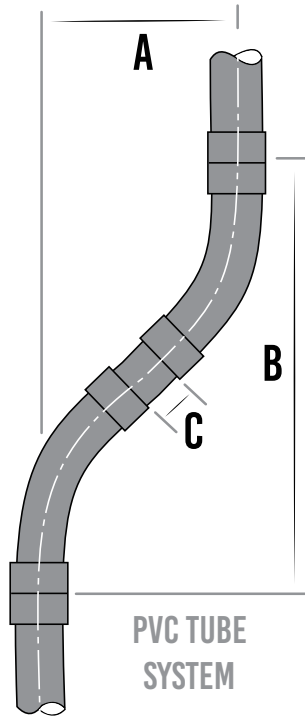


OFFSET CHART - PVC 4.5" OD TUBE SYSTEMS

All reference dimensions are nominal



90° / 20" CLR / 4" TAN

A	B	C
4'	4'	0"
4' - 5-1/4"	4'	5-1/4"

45° / 20" CLR / 4" TAN

A	B	C
1' - 5-3/8"	3' - 5-15/16"	0"
1' - 9-1/16"	3' - 9-5/8"	5-1/4"
1' - 10"	3' - 10-9/16"	6-9/16"
1' - 11"	3' - 11-9/16"	7-15/16"
2'	4' - 9/16"	9-3/8"
2' - 1"	4' - 1-9/16"	10-13/16"
2' - 2"	4' - 2-9/16"	12-7/16"
2' - 3"	4' - 3-9/16"	13-5/8"
2' - 4"	4' - 4-9/16"	15"
2' - 5"	4' - 5-9/16"	16-7/16"
2' - 6"	4' - 6-9/16"	17-7/8"
2' - 7"	4' - 7-9/16"	19-1/4"
2' - 8"	4' - 8-9/16"	20-11/16"
2' - 9"	4' - 9-9/16"	22-1/8"
2' - 10"	4' - 10-9/16"	23-1/2"
2' - 11"	4' - 11-9/16"	24-15/16"
3'	5' - 9/16"	26-3/8"

30° / 20" CLR / 4" TAN

A	B	C
9-3/8"	2' - 10-15/16"	0"
1'	3' - 3-1/2"	5-1/4"
1' - 1"	3' - 5-1/4"	7-1/4"
1' - 2"	3' - 6-15/16"	9-1/4"
1' - 3"	3' - 8-11/16"	11-1/4"
1' - 4"	3' - 10-7/16"	13-1/4"
1' - 5"	4' - 3/16"	15-1/4"
1' - 6"	4' - 1-7/8"	17-1/4"
1' - 7"	4' - 3-5/8"	19-1/4"
1' - 8"	4' - 5-3/8"	21-1/4"
1' - 9"	4' - 7-1/16"	23-1/4"
1' - 10"	4' - 8-13/16"	25-1/4"
1' - 11"	4' - 10-9/16"	27-1/4"
2'	5' - 9/16"	29-1/4"
2' - 1"	5' - 2"	31-1/4"
2' - 2"	5' - 3-3/4"	33-1/4"
2' - 3"	5' - 5-1/2"	35-1/4"

15° / 20" CLR / 4" TAN

A	B	C
3-7/16"	2' - 2-1/16"	0"
4-13/16"	2' - 7-1/8"	5-1/4"
5"	2' - 7-15/16"	6-1/16"
6"	2' - 11-5/8"	9-15/16"
7"	3' - 3-3/8"	13-3/4"
8"	3' - 7-1/8"	17-5/8"
9"	3' - 10-7/8"	21-1/2"
10"	4' - 2-9/16"	25-3/8"
11"	4' - 6-5/16"	29-1/4"
12"	4' - 10-1/16"	33-1/8"
1' - 1"	5' - 1-13/16"	37"
1' - 2"	5' - 5-1/2"	40-13/16"
1' - 3"	5' - 9-1/4"	44-11/16"
1' - 4"	6' - 1"	48-9/16"
1' - 5"	6' - 4-11/16"	52-7/16"
1' - 6"	6' - 8-7/16"	56-1/4"
1' - 7"	7' - 3/16"	60-1/8"

KEY

OD = Outside Diameter
 TAN = Tangent
 CLR = Center Line Radius
 A = Vertical or Horizontal offset
 B = Min. distance needed for offset
 C = Length of straight between bends

Catalog Part Variations Available Upon Request

Give us a call if you can't find exactly what you need!