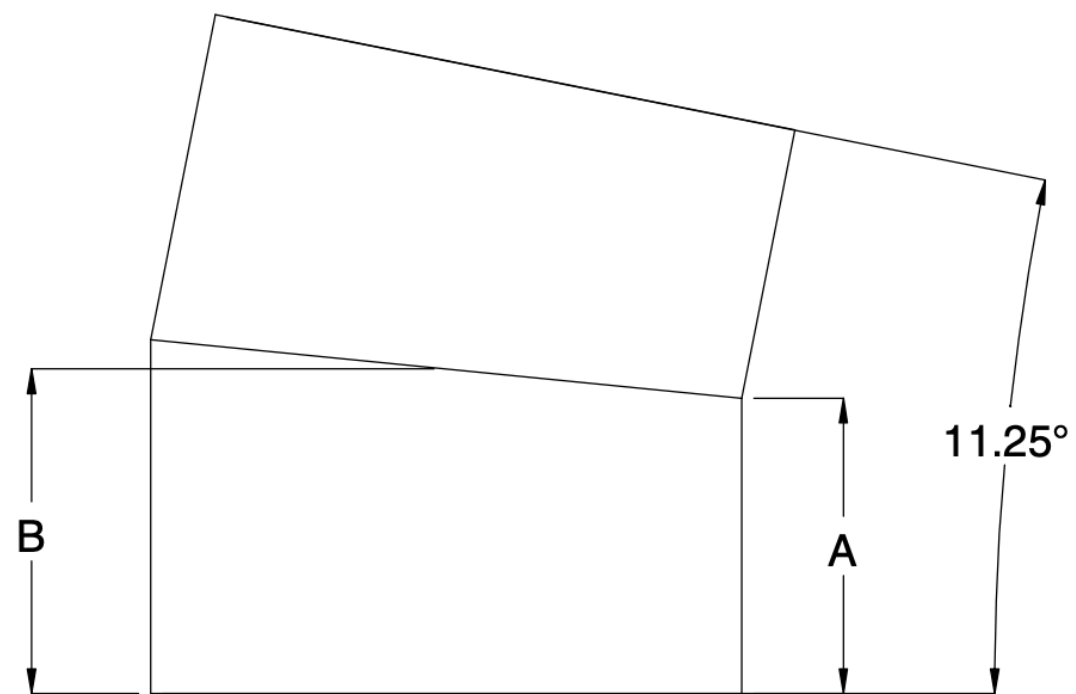


| IPS  |     |       |
|------|-----|-------|
| SIZE | A   | B     |
| 2"   | 4.5 | 4.63  |
| 3"   | 4.5 | 4.63  |
| 4"   | 6   | 6.25  |
| 6"   | 7   | 7.38  |
| 8"   | 7.5 | 7.88  |
| 10"  | 7.5 | 8     |
| 12"  | 9   | 9.63  |
| 14"  | 9   | 9.75  |
| 16"  | 9   | 9.75  |
| 18"  | 10  | 10.88 |
| 20"  | 10  | 11    |
| 22"  | 12  | 13    |
| 24"  | 12  | 13.13 |
| 26"  | 14  | 15.25 |
| 28"  | 16  | 17.38 |
| 30"  | 16  | 17.5  |
| 32"  | 16  | 17.5  |
| 34"  | 16  | 17.63 |
| 36"  | 20  | 21.75 |
| 42"  | 20  | 22    |
| 48"  | 20  | 22.25 |
| 54"  | 20  | 22.63 |
| 63"  | 20  | 23    |



Fittings between 20" and 48" are designed to be fused on a 1648 or smaller field machine, If longer lengths are required, please contact Sandale Utility Products for special requirements.

**DISCLAIMER - PLEASE READ**

- 1) All dimensions approximate, subject to change without notice  
 --Angle tolerance is +/- 2 degrees  
 --All other dimensions to +/- 1"
- 2) This drawing only applicable if a copy is referred at time of order.  
 --Without a copy of drawing, fitting construction may differ from that shown.
- 3) Subject to manufacturer's terms and conditions.

TITLE  
 HDPE FABRICATED 11.25-deg ELBOWS  
 PLAIN-END/BUTT-FUSE  
 DR9-32.5 FULLY RATED  
 DR7 DE-RATED  
 PE4710

DATE  
 8-10-18