

DIMENSIONAL COMPARISON OF OUTER DIAMETER

Comparison table of outer diameter dimensions by pipe size

| Nominal Diameter | | KS/JIS | ASTM ANSI | ISO DIN | BS | GRP PIPE | DUCTILE PIPE | COPPER PIPE | SU PIPE | PE PIPE | PVC PIPE | HUME PIPE |
|------------------|--------|--------|-----------|---------|-------|----------|--------------|-------------|---------|---------|----------|-----------|
| 15A | 1/2" | 21.7 | 21.3 | 21.3 | 21.2 | | | | 22.2 | 21.5 | 22.0 | |
| 20A | 3/4" | 27.2 | 26.7 | 26.9 | 26.7 | | | 22.2 | 28.6 | 27.0 | 26.0 | |
| 25A | 1" | 34.0 | 33.4 | 33.7 | 34.1 | | | 28.6 | 34.0 | 34.0 | 32.0 | |
| 32A | 1-1/4" | 42.7 | 42.2 | 42.4 | 42.8 | | | 34.9 | 42.7 | 42.0 | 42.0 | |
| 40A | 1-1/2" | 48.6 | 48.3 | 48.3 | 48.4 | | | 41.3 | 48.6 | 48.0 | 48.0 | |
| 50A | 2" | 60.5 | 60.3 | 60.3 | 60.3 | | | 54.0 | 60.5 | 60.0 | 60.0 | |
| 65A | 2-1/2" | 76.3 | 73.0 | 76.1 | 76.2 | | | 66.7 | 76.3 | 76.0 | 76.0 | |
| 80A | 3" | 89.1 | 88.9 | 88.9 | 89.9 | | 98.0 | 79.4 | 89.1 | 89.0 | 89.0 | |
| 90A | 3-1/4" | 101.6 | 101.6 | 101.6 | 101.6 | | | 92.1 | | | | |
| 100A | 4" | 114.3 | 114.3 | 114.3 | 114.3 | | 118.0 | 104.8 | 114.3 | 114.0 | 114.0 | |
| 125A | 5" | 139.8 | 141.3 | 139.7 | 159.4 | | 144.0 | 130.2 | | 140.0 | 140.0 | |
| 150A | 6" | 165.2 | 168.3 | 168.3 | 165.1 | 167.0 | 170.0 | 155.6 | | 165.0 | 165.0 | |

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|------------------|-----|--------|-----------|---------|-------|----------|--------------|-------------|---------|---------|----------|-----------|
| 200A | 8" | 216.3 | 219.1 | 219.1 | 219.1 | 217.0 | 222.0 | 206.4 | | 216.0 | 216.0 | |
| 250A | 10" | 267.4 | 273.1 | 273.0 | 273.1 | 267.0 | 274.0 | 257.2 | | 267.0 | 267.0 | 306.0 |
| 300A | 12" | 318.5 | 323.9 | 323.9 | 323.8 | 318.0 | 326.0 | | | 318.0 | 318.0 | 360.0 |
| 350A | 14" | 355.6 | 355.6 | 355.6 | 355.6 | 369.0 | 378.0 | | | 370.0 | | 414.0 |
| 400A | 16" | 406.4 | 406.4 | 406.4 | 406.4 | 419.0 | 429.0 | | | 420.0 | | 470.0 |
| 450A | 18" | 457.2 | 457.2 | 457.2 | 457.2 | 470.0 | | | | 457.2 | | 526.0 |
| 500A | 20" | 508.0 | 508.0 | 508.0 | 508.0 | 521.0 | 532.0 | | | 508.0 | | 584.0 |