

# Standard Outside Diameter Chart



| NOMINAL BORE | IMPERIAL CAST IRON & ASBESTOS CEMENT (TURNED END) |        |               |        |         |        | STEEL ISO/4200 (1991) |        |       |       | BS EN 10255:2004 | BS EN 10220:2002, BS EN 10216:2013 & BS EN 10217:2002 (pipe ends to BS EN 10311:2005 & BS EN 10224:2002) | API 5L (2000) & BS1600 (2000) UTI 36" NB | PVC-U          |               | ABS                                                                           | DUCTILE IRON                     |          | GRP      | METRIC ASBESTOS CEMENT (TURNED END) |     |      |
|--------------|---------------------------------------------------|--------|---------------|--------|---------|--------|-----------------------|--------|-------|-------|------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------|----------------|---------------|-------------------------------------------------------------------------------|----------------------------------|----------|----------|-------------------------------------|-----|------|
|              | CLASS AB ONLY                                     |        | CLASS CD ONLY |        | NON STD |        | SER1                  | SER2   | SER3  | SER3  |                  |                                                                                                          |                                          | BS EN ISO 3506 | BS5391 (1976) | BS EN 545:2010, BS EN 598:2007, BS EN 969:2002 DIN 28601, 28602, 28603, 28605 | BS5480 (1990) (typical UK sizes) | CLASS 15 | CLASS 20 | CLASS 25                            |     |      |
|              | mm                                                | inches | mm            | inches | mm      | inches |                       |        |       |       |                  |                                                                                                          |                                          |                |               |                                                                               |                                  |          |          |                                     |     |      |
| 15 / 0.5     |                                                   |        |               |        |         |        | 21.3                  |        |       |       | 21.3             | 21.4                                                                                                     | 21.4                                     | 21.4           | 21.4          |                                                                               |                                  |          |          |                                     |     |      |
| 20 / 0.75    |                                                   |        |               |        |         |        | 26.9                  | 25.0   | 25.4  |       | 26.9             | 26.8                                                                                                     | 26.7                                     | 26.8           | 26.8          |                                                                               |                                  |          |          |                                     |     |      |
| 25 / 1       |                                                   |        |               |        |         |        | 33.7                  | 32.0   | 30.0  | 35.0  | 33.7             | 33.6                                                                                                     | 33.4                                     | 33.6           | 33.6          |                                                                               |                                  |          |          |                                     |     |      |
| 32 / 1.25    |                                                   |        |               |        |         |        | 42.4                  | 40.0   | 44.5  |       | 42.4             | 42.3                                                                                                     | 42.2                                     | 42.3           | 42.3          |                                                                               |                                  |          |          |                                     |     |      |
| 40 / 1.5     | 55.9                                              | 2.20   | 55.9          | 2.20   | 57.0    | 2.25   | 48.3                  | 57.0   | 54.0  |       | 48.3             | 48.3                                                                                                     | 48.3                                     | 48.3           | 48.3          |                                                                               | 56                               |          |          |                                     |     |      |
| 50 / 2       | 69.1                                              | 2.72   | 69.1          | 2.72   |         |        | 60.3                  | 63.5   |       |       | 60.3             | 60.4                                                                                                     | 60.3                                     | 60.4           | 60.4          |                                                                               | 66                               |          |          |                                     |     | 69   |
| 65 / 2.5     | 82.3                                              | 3.24   | 82.3          | 3.24   | 82.5    | 3.25   | 76.1                  | 70.0   | 73.0  |       | 76.1             | 76.1                                                                                                     | 73.0                                     |                | 75.2          |                                                                               | 82                               |          |          |                                     |     |      |
| 80 / 3       | 95.5                                              | 3.76   | 95.5          | 3.76   |         |        | 88.9                  |        | 82.5  |       | 88.9             | 88.9                                                                                                     | 88.9                                     | 88.9           | 88.9          |                                                                               | 98                               |          |          |                                     |     | 96   |
| 90 / 3.5     |                                                   |        |               |        |         |        |                       | 101.6  |       |       |                  | 101.6                                                                                                    | 101.6                                    |                |               |                                                                               |                                  |          |          |                                     |     |      |
| 100 / 4      | 121.9                                             | 4.80   | 121.9         | 4.80   |         |        | 114.3                 | 127.0  | 108.0 |       | 114.3            | 114.3                                                                                                    | 114.3                                    | 114.3          | 114.3         |                                                                               | 118                              |          |          |                                     |     | 122  |
| 125 / 5      | 149.9                                             | 5.90   | 149.9         | 5.90   |         |        | 139.7                 | 133.0  | 141.3 | 152.4 | 139.7            | 139.7                                                                                                    | 141.3                                    | 140.2          | 140.2         |                                                                               | 144                              |          |          |                                     |     |      |
| 150 / 6      | 177.3                                             | 6.98   | 177.3         | 6.98   |         |        | 168.3                 |        | 159.0 | 177.8 | 165.1            | 168.3                                                                                                    | 168.3                                    | 168.3          | 168.3         |                                                                               | 170                              |          | 177      |                                     |     | 177  |
| 175 / 7      | 204.7                                             | 8.06   | 204.7         | 8.06   |         |        |                       |        | 193.7 |       |                  | 193.7                                                                                                    |                                          |                | 193.8         |                                                                               |                                  |          |          |                                     |     |      |
| 200 / 8      | 232.2                                             | 9.14   | 232.2         | 9.14   |         |        | 219.1                 |        |       |       |                  | 219.1                                                                                                    | 219.1                                    | 219.1          | 219.1         |                                                                               | 222                              |          | 220      | 232                                 | 232 | 240  |
| 225 / 9      | 259.1                                             | 10.20  | 259.1         | 10.20  |         |        |                       |        | 244.5 |       |                  | 244.5                                                                                                    |                                          |                | 244.5         |                                                                               |                                  |          |          | 259                                 | 259 | 268  |
| 250 / 10     | 286.0                                             | 11.26  | 286.0         | 11.26  |         |        | 273.0                 |        |       |       |                  | 273.0                                                                                                    | 273.1                                    | 273.0          | 273.0         |                                                                               | 274                              |          | 272      | 286                                 | 286 | 295  |
| 300 / 12     | 333.8                                             | 13.14  | 345.4         | 13.60  |         |        | 323.9                 |        |       |       |                  | 323.9                                                                                                    | 323.9                                    | 323.9          | 323.9         |                                                                               | 326                              |          | 324      | 334                                 | 345 | 356  |
| 350 / 14     | 387.0                                             | 15.22  | 399.3         | 15.72  |         |        | 355.6                 |        |       |       |                  | 355.6                                                                                                    | 355.6                                    | 355.6          | 355.5         |                                                                               | 378                              |          | 376      | 392                                 | 405 | 419  |
| 375 / 15     | 413.0                                             | 16.26  | 426.2         | 16.78  |         |        |                       |        |       |       |                  |                                                                                                          |                                          |                |               |                                                                               |                                  |          |          |                                     |     |      |
| 400 / 16     | 439.0                                             | 17.30  | 453.1         | 17.84  |         |        | 406.4                 |        |       |       |                  | 406.4                                                                                                    | 406.4                                    | 406.4          | 406.4         |                                                                               | 429                              |          | 427      | 448                                 | 463 | 478  |
| 450 / 18     | 492.0                                             | 19.38  | 506.9         | 19.96  |         |        | 457.0                 |        |       |       |                  | 457.0                                                                                                    | 457.2                                    | 457.2          | 457.2         |                                                                               | 480                              |          | 478      | 498                                 | 515 | 532  |
| 500 / 20     | 545.0                                             | 21.46  | 560.3         | 22.06  |         |        | 508.0                 |        |       |       |                  | 508.0                                                                                                    | 508.0                                    | 508.0          | 508.0         |                                                                               | 532                              |          | 530      | 568                                 | 586 | 605  |
| 525 / 21     | 572.0                                             | 22.50  | 587.2         | 23.12  |         |        |                       |        |       |       |                  |                                                                                                          |                                          |                |               |                                                                               |                                  |          |          |                                     |     |      |
| 550 / 22     | 598.0                                             | 23.54  | 613.7         | 24.16  |         |        |                       |        | 559.0 |       |                  | 559.0                                                                                                    | 559.0                                    |                | 558.8         |                                                                               |                                  |          |          |                                     |     |      |
| 600 / 24     | 650.0                                             | 25.60  | 667.0         | 26.26  |         |        | 610.0                 |        |       |       |                  | 610.0                                                                                                    | 609.6                                    | 609.6          | 609.6         |                                                                               | 635                              |          | 633      | 654                                 | 672 | 691  |
| 650 / 26     | 703.0                                             | 27.66  | 720.3         | 28.36  |         |        |                       |        | 660.0 |       |                  | 660.0                                                                                                    | 660.4                                    |                |               |                                                                               |                                  |          |          |                                     |     |      |
| 675 / 27     | 729.0                                             | 28.70  | 746.8         | 29.40  |         |        |                       |        |       |       |                  |                                                                                                          |                                          |                |               |                                                                               |                                  |          |          |                                     |     |      |
| 700 / 28     | 755.0                                             | 29.72  | 773.2         | 30.44  |         |        | 711.0                 |        |       |       |                  | 711.0                                                                                                    | 711.2                                    |                |               |                                                                               | 738                              |          | 718      | 761                                 | 780 | 801  |
| 750 / 30     | 807.0                                             | 31.78  | 826.0         | 32.52  |         |        |                       | 762.0  |       |       |                  | 762.0                                                                                                    | 762.0                                    |                |               |                                                                               |                                  |          |          | 808                                 | 830 | 852  |
| 800 / 32     | 860.0                                             | 33.84  | 879.3         | 34.62  |         |        | 813.0                 |        |       |       |                  | 813.0                                                                                                    | 812.8                                    |                |               |                                                                               | 842                              |          | 820      | 882                                 | 904 | 915  |
| 825 / 33     | 886.0                                             | 34.88  | 905.8         | 35.66  |         |        |                       |        |       |       |                  |                                                                                                          |                                          |                |               |                                                                               |                                  |          |          |                                     |     |      |
| 850 / 34     | 912.0                                             | 35.92  |               |        |         |        |                       |        | 864.0 |       |                  | 864.0                                                                                                    | 863.6                                    |                |               |                                                                               |                                  |          |          | 927                                 | 952 | 977  |
| 900 / 36     | 964.0                                             | 37.96  | 984.5         | 38.76  |         |        | 914.0                 |        |       |       |                  | 914.0                                                                                                    | 914.4                                    |                |               |                                                                               | 945                              |          | 924      | 970                                 | 996 | 1024 |
| 1000 / 40    | 1068.0                                            | 42.06  | 1090.2        | 42.92  |         |        | 1016.0                |        |       |       |                  | 1016.0                                                                                                   | 1016.0                                   |                |               |                                                                               | 1048                             |          | 1027     |                                     |     |      |
| 1050 / 42    | 1121.0                                            | 44.12  | 1143.0        | 45.00  |         |        | 1067.0                | 1168.0 |       |       |                  | 1067.0                                                                                                   | 1066.8                                   |                |               |                                                                               |                                  |          |          |                                     |     |      |
| 1100 / 44    | 1172.0                                            | 46.16  |               |        |         |        | 1118.0                |        |       |       |                  |                                                                                                          | 1117.6                                   |                |               |                                                                               | 1152                             |          | 1144     |                                     |     |      |
| 1200 / 48    | 1277.0                                            | 50.26  | 1300.5        | 51.20  |         |        | 1219.0                |        |       |       |                  | 1219.0                                                                                                   | 1219.2                                   |                |               |                                                                               | 1255                             |          | 1228     |                                     |     |      |
| 1300 / 52    |                                                   |        |               |        |         |        |                       | 1321.0 |       |       |                  |                                                                                                          | 1320.8                                   |                |               |                                                                               |                                  |          | 1350     |                                     |     |      |
| 1400 / 56    |                                                   |        |               |        |         |        | 1422.0                |        |       |       |                  | 1422.0                                                                                                   | 1422.4                                   |                |               |                                                                               | 1462                             |          | 1449     |                                     |     |      |
| 1600 / 64    |                                                   |        |               |        |         |        | 1626.0                |        |       |       |                  | 1626.0                                                                                                   | 1625.6                                   |                |               |                                                                               | 1668                             |          | 1640     |                                     |     |      |
| 1800 / 72    |                                                   |        |               |        |         |        | 1829.0                |        |       |       |                  | 1829.0                                                                                                   | 1828.8                                   |                |               |                                                                               | 1875                             |          | 1844     |                                     |     |      |
| 2000 / 80    |                                                   |        |               |        |         |        | 2032.0                |        |       |       |                  | 2032.0                                                                                                   | 2032.0                                   |                |               |                                                                               | 2082                             |          | 2048     |                                     |     |      |

PVC-U & POLYETHYLENE (METRIC). BS ISO 11922-1 (1997) METRIC PVC-U & PE HAVE A DESIGNATED NOMINAL BORE WHICH IS USUALLY THE SAME AS THE OUTSIDE DIAMETER. QUOTE PIPE CLASS, RATING OR WALL THICKNESS ON ENQUIRIES.

Note: More details available on request