

# PIPE OUTSIDE DIAMETERS OF COMMON PIPE MATERIALS

ALL DIMENSIONS ARE IN MILLIMETRES (mm)

| PIPE NOMINAL BORE                     | mm     | 15   | 20   | 25   | 32   | 40   | 50   | 65   | 80   | 100   | 125   | 150   | 175   | 200   | 225   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750 | 800   | 850   | 900    | 1000 | 1050   | 1100   | 1200   | 1300   | 1400   | 1500 | 1600   | 1800   | 2000 |  |  |  |  |  |  |
|---------------------------------------|--------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|--------|------|--------|--------|--------|--------|--------|------|--------|--------|------|--|--|--|--|--|--|
| STEEL BS 1387                         | inches | 0.5  | 0.75 | 1    | 1.25 | 1.5  | 2    | 2.5  | 3    | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 12    | 14    | 16    | 18    | 20    | 22    | 24    | 26    | 28    | 30  | 32    | 34    | 36     | 40   | 42     | 44     | 48     | 52     | 56     | 64   | 72     | 80     |      |  |  |  |  |  |  |
| STEEL SABS 62 MEDIUM                  | max    | 21.3 | 26.9 | 33.7 | 42.4 | 48.3 | 60.3 | 76.1 | 88.9 | 114.3 | 139.7 | 165.1 |       |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |        |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| STEEL SABS 7/9                        |        | 21.7 | 27.2 | 34.2 | 42.9 | 48.8 | 60.8 | 76.6 | 89.5 | 114.9 | 140.6 | 166.1 |       |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |        |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| STEEL ISO 4200 SER 1                  |        | 21.3 | 26.9 | 33.7 | 42.4 | 48.3 | 60.3 | 76.1 | 88.9 | 114.3 | 139.7 | 168.3 |       | 219.1 | 219.1 | 273.0 | 323.9 | 355.6 | 406.4 | 457.2 | 508   | 559   | 610   | 660   | 711   | 762 | 813   | 864   | 914    | 1016 | 1067   | 1118   | 1219   | 1321   | 1422   |      | 1626   | 1829   | 2032 |  |  |  |  |  |  |
| STEEL API 5 L                         |        | 21.4 | 26.7 | 33.4 | 42.4 | 48.3 | 60.3 | 73.0 | 88.9 | 114.3 | 141.3 | 168.3 |       | 219.1 | 219.1 | 273.1 | 323.9 | 355.6 | 406.4 | 457.2 | 508   | 559   | 609.6 | 660.4 | 711.2 | 762 | 812.8 | 863.6 | 914.4  | 1016 | 1066.8 | 1117.6 | 1219.2 | 1320.8 | 1422.4 |      | 1625.6 | 1828.8 | 2032 |  |  |  |  |  |  |
| STEEL BS 3600/3601                    |        | 21.4 | 26.8 | 33.6 | 42.3 | 48.3 | 60.4 | 76.1 | 88.9 | 114.3 | 139.7 | 168.3 | 193.7 | 219.1 | 244.5 | 273.0 | 323.9 | 355.6 | 406.4 | 457.0 | 508   | 559   | 610   | 660   | 711   | 762 | 813   | 864   | 914    | 1016 |        |        | 1219   | 1422   |        | 1626 | 1829   | 2032   |      |  |  |  |  |  |  |
| DUCTILE IRON ISO 2531 : BS 4772       |        |      |      |      |      |      |      |      | 98.0 | 118.0 | 144.0 | 170.0 |       | 222.0 | 274.0 | 326.0 | 378.0 | 429.0 | 480.0 | 532   | 635   | 738   |       |       |       |     |       | 842   | 945    | 1048 |        |        | 1255   | 1462   |        | 1668 | 1875   | 2080   |      |  |  |  |  |  |  |
| GRP (O.D. Can Vary by Manufacturer)   | max    |      |      |      |      |      | 69   | 96   | 122  | 150   | 177   |       | 232   | 286   | 345   | 426   | 507   | 587   |       |       | 667   |       |       |       |       |     |       | 821   | 924    | 1025 |        |        | 1229   | 1433   |        | 1637 | 1841   | 2045   |      |  |  |  |  |  |  |
| ASBESTOS CEMENT C.O.D. (South Africa) |        |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |       |       |        |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT C.I.D. (South Africa) | CL6    |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       | 378   | 430   | 483   | 535   | 638   | 744   |       |       |       |     | 850   | 956+  | 1062   |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT C.I.D. (South Africa) | CL12   |      |      |      |      |      |      |      |      |       |       | 168   |       | 222   | 274   | 328   | 382   | 436   | 488   | 543   | 651   | 760   |       |       |       |     | 868   | 976   | 1084   |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT C.I.D. (South Africa) | CL18   |      |      |      |      |      |      |      |      |       | 174   |       | 229   | 284   | 340   | 396   | 450   | 506   | 560   | 672   | 784   |       |       |       |       |     | 896   | 1008  | 1120   |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT C.I.D. (South Africa) | CL24   |      |      |      |      |      |      |      |      |       | 180   |       | 239   | 295   | 353   | 412   | 468   | 524   | 583   | 699   | 816   |       |       |       |       |     | 932   | 1048  | 1165   |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT C.I.D. (South Africa) | CL30   |      |      |      |      |      |      |      |      |       | 188   |       | 250   | 304   | 365   | 426   | 484   | 545   | 606   | 727   |       |       |       |       |       |     |       |       |        |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT C.I.D. (South Africa) | CL36   |      |      |      |      |      |      |      |      |       | 196   |       | 262   | 318   | 378   | 440   | 503   | 566   | 629   | 755   |       |       |       |       |       |     |       |       |        |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT METRIC BS 486         | CL15   |      |      |      |      |      |      |      |      |       | 177   |       | 232   | 259   | 286   | 334   | 392   | 448   | 498   | 568   | 654   | 761   |       |       |       |     | 808   | 927   | 970    |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT METRIC BS 486         | CL18   |      |      |      |      |      | 86   | 106  | 126  |       | 178   |       | 234   | 288   | 344   | 402   | 456   | 508   | 560   | 668   | 780   |       |       |       |       |     | 888   | 1000  | 1110   |      |        | 1214   | 1320   | 1430   | 1540   | 1650 |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT METRIC BS 486         | CL20   |      |      |      |      |      |      |      |      |       | 178   |       | 232   | 259   | 286   | 345   | 405   | 463   | 515   | 586   | 672   | 780   |       |       |       |     | 830   | 952   | 996    |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |
| ASBESTOS CEMENT METRIC BS 486         | CL25   |      |      |      |      |      | 69   | 96   | 122  |       | 177   |       | 240   | 268   | 295   | 356   | 419   | 478   | 532   | 605   | 598   | 691   | 703   | 801   | 807   | 852 | 912   | 977   | 1024   | 1121 | 1172   | 1277   |        |        |        |      |        |        |      |  |  |  |  |  |  |
| IMP CAST IRON ASBESTOS CEMENT         | CL AB  |      |      |      |      |      | 55.9 | 69.1 | 82.3 | 95.5  | 121.9 | 149.9 | 177.3 | 204.7 | 232.2 | 259.1 | 286   | 333.8 | 378   | 439   | 492   | 545   | 613.7 | 650   | 720.3 | 755 | 826   | 860   | 964    | 1068 | 1143   | 1300.5 |        |        |        |      |        |        |      |  |  |  |  |  |  |
| IMP CAST IRON ASBESTOS CEMENT         | CL CD  |      |      |      |      |      | 55.9 | 69.1 | 82.3 | 95.5  | 121.9 | 149.9 | 177.3 | 204.7 | 232.2 | 259.1 | 286   | 345.4 | 399.3 | 453.1 | 506.9 | 560.3 | 667   | 773.2 |       |     | 879.3 | 984.5 | 1090.2 |      |        |        |        |        |        |      |        |        |      |  |  |  |  |  |  |

UPVC, MPVC, PE, HDP

THESE PIPES ARE QUOTED USING THE SAME DIMENSION FOR NOMINAL BORE AS PIPE OUTSIDE DIAMETER

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 16 | 20 | 25 | 32 | 40 | 50 | 63 | 75 | 90 | 110 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | 355 | 400 | 450 | 500 | 560 | 630 | 710 | 800 | 900 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|

TO ASSIST US IN MAKING THE CORRECT PRODUCT SELECTION FOR YOU PLEASE PROVIDE AS MUCH OF THE FOLLOWING INFORMATION AS POSSIBLE

- (I) PIPE OUTSIDE DIAMETER OR PIPE MATERIAL AND CLASS
- (II) WORKING PRESSURE
- (III) MATCHING FLANGE DRILLING FOR FLANGE ADAPTORS AND DISMANTLING JOINTS
- (IV) PRODUCT IN SYSTEM (WATER, SEWAGE, CHEMICALS, GAS, AIR, OIL ETC)
- (V) FLUID / GAS TEMPERATURE IF AVAILABLE
- (VI) AC PIPE SIZES ARE FOR REAMED ENDS