

# Nominal pipe size chart — steel pipe (ASME B36.10M/B36.19M)

| NPS   | DN  | OD (in) | Sch 10 | Sch 40 | Sch 80 | Sch 40 ID | Sch 80 ID |
|-------|-----|---------|--------|--------|--------|-----------|-----------|
| 1/8   | 6   | 0.405   | —      | 0.068  | 0.095  | 0.269     | 0.215     |
| 1/4   | 8   | 0.54    | —      | 0.088  | 0.119  | 0.364     | 0.302     |
| 3/8   | 10  | 0.675   | —      | 0.091  | 0.126  | 0.493     | 0.423     |
| 1/2   | 15  | 0.84    | 0.083  | 0.109  | 0.147  | 0.622     | 0.546     |
| 3/4   | 20  | 1.05    | 0.083  | 0.113  | 0.154  | 0.824     | 0.742     |
| 1     | 25  | 1.31    | 0.109  | 0.133  | 0.179  | 1.05      | 0.957     |
| 1-1/4 | 32  | 1.66    | 0.109  | 0.14   | 0.191  | 1.38      | 1.28      |
| 1-1/2 | 40  | 1.9     | 0.109  | 0.145  | 0.2    | 1.61      | 1.5       |
| 2     | 50  | 2.38    | 0.109  | 0.154  | 0.218  | 2.07      | 1.94      |
| 2-1/2 | 65  | 2.88    | 0.12   | 0.203  | 0.276  | 2.47      | 2.32      |
| 3     | 80  | 3.5     | 0.12   | 0.216  | 0.3    | 3.07      | 2.9       |
| 3-1/2 | 90  | 4       | 0.12   | 0.226  | 0.318  | 3.55      | 3.36      |
| 4     | 100 | 4.5     | 0.12   | 0.237  | 0.337  | 4.03      | 3.83      |
| 5     | 125 | 5.56    | 0.134  | 0.258  | 0.375  | 5.05      | 4.81      |
| 6     | 150 | 6.62    | 0.134  | 0.28   | 0.432  | 6.07      | 5.76      |
| 8     | 200 | 8.62    | 0.148  | 0.322  | 0.5    | 7.98      | 7.62      |
| 10    | 250 | 10.75   | 0.165  | 0.365  | 0.594  | 10.02     | 9.56      |
| 12    | 300 | 12.75   | 0.18   | 0.406  | 0.688  | 11.94     | 11.37     |
| 14    | 350 | 14      | 0.25   | 0.438  | 0.75   | 13.12     | 12.5      |
| 16    | 400 | 16      | 0.25   | 0.5    | 0.844  | 15        | 14.31     |
| 18    | 450 | 18      | 0.25   | 0.562  | 0.938  | 16.88     | 16.12     |
| 20    | 500 | 20      | 0.25   | 0.594  | 1.03   | 18.81     | 17.94     |
| 24    | 600 | 24      | 0.25   | 0.688  | 1.22   | 22.62     | 21.56     |

Wall thickness in inches. Confirm with manufacturer data for critical use.