



Stainless steel SCH 80S Pipe chart, dimensions, weight and pipe wall thickness

| Nominal size (inches) | Outer Diameter (inches) | Outside Diameter (mm) | Wall Thickness (inches) | Wall Thickness (mm) | Weight (lb/ft) | Weight (kg/m) |
|-----------------------|-------------------------|-----------------------|-------------------------|---------------------|----------------|---------------|
| ½" DN15 | 0.84 | 21.3 | 0.147 | 3.73 | 1.09 | 1.62 |
| ¾" DN20 | 1.05 | 26.7 | 0.154 | 3.91 | 1.49 | 2.21 |
| 1" DN25 | 1.32 | 33.4 | 0.179 | 4.55 | 2.19 | 3.26 |
| 1 ¼" DN32 | 1.66 | 42.2 | 0.191 | 4.85 | 3.02 | 4.5 |
| 1 ½" DN40 | 1.9 | 48.3 | 0.2 | 5.08 | 3.66 | 5.45 |
| 2" DN 50 | 2.375 | 60.3 | 0.218 | 5.54 | 5.06 | 7.53 |
| 2 ½" DN65 | 2.875 | 73.0 | 0.276 | 7.01 | 7.71 | 11.48 |
| 3" DN80 | 3.5 | 88.9 | 0.3 | 7.62 | 10.33 | 15.37 |
| 3 ½" | 4.0 | 101.6 | 0.318 | 8.08 | 12.6 | 18.75 |
| 4" DN100 | 4.5 | 114.3 | 0.337 | 8.56 | 15.1 | 22.46 |
| 5" DN125 | 5.563 | 141.3 | 0.375 | 9.53 | 20.92 | 31.14 |
| 6" DN150 | 6.625 | 168.3 | 0.432 | 10.97 | 28.78 | 42.83 |
| 8" DN200 | 8.625 | 219.1 | 0.5 | 12.7 | 43.72 | 65.06 |
| 10" DN250 | 10.75 | 273.1 | 0.5 | 12.7 | 55.15 | 82.02 |
| 12" DN300 | 12.75 | 323.9 | 0.5 | 12.7 | 65.91 | 98.09 |

For nickel and alloy produced to these pipe sizes please apply these factors to the weights

Nickel 200 1.1343 Monel 400 1.1272 Nickel 201 1.1378 Inconel 600 1.0742

Incoloy* 800 1.0247 Incoloy 825 1.0389

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*All weights shown using the above are for guidance only please note that the actual metal weight can vary significantly from theoretical weight due to variations in manufacturing tolerances and compositions. The information contained herein is based on our present knowledge and experience and is given in good faith. However no liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon. *