# ANSI Pipe Schedule

## SI-UNITS (INCH)

IMS
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INDUSTRIAL MATERIAL SUPPLY FZCO

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OD = Inches, Wall thickness = Inches, Weight = lbs/ft, Vol/ft = $ft^3$

| Nominal Pipe Size Inches | OD Inches | 10 | 20 | 30 | STD | 40 | 60 | XS | 80 | 100 | 120 | 140 | 160 | XXS | Based on austenitic steel: 5S | 10S | 40S | 80S | Shipping: Vol/ft $ft^3$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/8 | 0.405 | | | | 0.068<br>0.24 | 0.068<br>0.24 | | 0.095<br>0.31 | 0.095<br>0.31 | | | | | | | 0.049<br>0.19 | 0.068<br>0.24 | 0.095<br>0.32 | 0.004 |
| 1/4 | 0.540 | | | | 0.088<br>0.42 | 0.088<br>0.42 | | 0.119<br>0.54 | 0.119<br>0.54 | | | | | | | 0.065<br>0.34 | 0.088<br>0.43 | 0.119<br>0.55 | 0.007 |
| 3/8 | 0.675 | | | | 0.091<br>0.57 | 0.091<br>0.57 | | 0.126<br>0.74 | 0.126<br>0.74 | | | | | | | 0.065<br>0.43 | 0.091<br>0.58 | 0.126<br>0.75 | 0.011 |
| 1/2 | 0.840 | | | | 0.109<br>0.85 | 0.109<br>0.85 | | 0.147<br>1.09 | 0.147<br>1.09 | | | | 0.188<br>1.31 | 0.294<br>1.71 | 0.065<br>0.55 | 0.083<br>0.68 | 0.109<br>0.87 | 0.147<br>1.11 | 0.014 |
| 3/4 | 1.050 | | | | 0.113<br>1.13 | 0.113<br>1.13 | | 0.154<br>1.47 | 0.154<br>1.47 | | | | 0.219<br>1.94 | 0.308<br>2.44 | 0.065<br>0.70 | 0.083<br>0.88 | 0.113<br>1.15 | 0.154<br>1.50 | 0.025 |
| 1 | 1.315 | | | | 0.133<br>1.68 | 0.133<br>1.68 | | 0.179<br>2.17 | 0.179<br>2.17 | | | | 0.250<br>2.84 | 0.358<br>3.66 | 0.065<br>0.89 | 0.109<br>1.43 | 0.133<br>1.71 | 0.179<br>2.21 | 0.039 |
| 1 ¼ | 1.660 | | | | 0.140<br>2.27 | 0.140<br>2.27 | | 0.191<br>3.00 | 0.191<br>3.00 | | | | 0.250<br>3.76 | 0.382<br>5.21 | 0.065<br>1.13 | 0.109<br>1.85 | 0.140<br>2.32 | 0.191<br>3.06 | 0.064 |
| 1 ½ | 1.900 | | | | 0.145<br>2.72 | 0.145<br>2.72 | | 0.200<br>3.63 | 0.200<br>3.63 | | | | 0.281<br>4.86 | 0.400<br>6.41 | 0.065<br>1.31 | 0.109<br>2.13 | 0.145<br>2.77 | 0.200<br>3.70 | 0.081 |
| 2 | 2.375 | | | | 0.154<br>3.65 | 0.154<br>3.65 | | 0.218<br>5.02 | 0.218<br>5.02 | | | | 0.344<br>7.46 | 0.436<br>9.03 | 0.065<br>1.64 | 0.109<br>2.69 | 0.154<br>3.72 | 0.218<br>5.12 | 0.127 |
| 2 ½ | 2.875 | | | | 0.203<br>5.79 | 0.203<br>5.79 | | 0.276<br>7.66 | 0.276<br>7.66 | | | | 0.375<br>10.01 | 0.552<br>13.69 | 0.083<br>2.53 | 0.120<br>3.60 | 0.203<br>5.91 | 0.276<br>7.81 | 0.187 |
| 3 | 3.500 | | | | 0.216<br>7.58 | 0.216<br>7.58 | | 0.300<br>10.25 | 0.300<br>10.25 | | | | 0.438<br>14.32 | 0.600<br>18.58 | 0.083<br>3.09 | 0.120<br>4.42 | 0.216<br>7.73 | 0.300<br>10.46 | 0.279 |
| 3 ½ | 4.000 | | | | 0.226<br>9.11 | 0.226<br>9.11 | | 0.318<br>12.50 | 0.318<br>12.50 | | | | | | 0.083<br>3.55 | 0.120<br>5.07 | 0.226<br>9.29 | 0.318<br>12.76 | 0.364 |
| 4 | 4.500 | | | | 0.237<br>10.79 | 0.237<br>10.79 | | 0.337<br>14.98 | 0.337<br>14.98 | | 0.438<br>19.00 | | 0.531<br>22.51 | 0.674<br>27.54 | 0.083<br>4.00 | 0.120<br>5.72 | 0.237<br>11.01 | 0.337<br>15.28 | 0.459 |
| 5 | 5.563 | | | | 0.258<br>14.62 | 0.258<br>14.62 | | 0.375<br>20.78 | 0.375<br>20.78 | | 0.500<br>27.04 | | 0.625<br>32.96 | 0.750<br>38.55 | 0.109<br>6.49 | 0.134<br>7.93 | 0.258<br>14.91 | 0.375<br>21.20 | 0.703 |
| 6 | 6.625 | | | | 0.280<br>18.97 | 0.280<br>18.97 | | 0.432<br>28.57 | 0.432<br>28.57 | | 0.562<br>36.39 | | 0.719<br>45.35 | 0.864<br>53.16 | 0.109<br>7.75 | 0.134<br>9.48 | 0.278<br>19.35 | 0.432<br>29.14 | 0.989 |
| 8 | 8.625 | | 0.250<br>22.36 | 0.277<br>24.70 | 0.322<br>28.55 | 0.322<br>28.55 | 0.406<br>35.64 | 0.500<br>43.39 | 0.500<br>43.39 | 0.594<br>50.95 | 0.719<br>60.71 | 0.812<br>67.76 | 0.906<br>74.69 | 0.875<br>72.42 | 0.109<br>10.13 | 0.148<br>13.67 | 0.322<br>29.12 | 0.500<br>44.26 | 1.695 |
| 10 | 10.750 | | 0.250<br>28.04 | 0.307<br>34.24 | 0.365<br>40.48 | 0.365<br>40.48 | 0.500<br>54.74 | 0.500<br>54.74 | 0.594<br>64.43 | 0.719<br>77.03 | 0.844<br>89.29 | 1.000<br>104.13 | 1.125<br>115.64 | 1.000<br>104.13 | 0.134<br>15.49 | 0.165<br>19.02 | 0.365<br>41.29 | 0.500<br>55.93 | 2.613 |
| 12 | 12.750 | | 0.250<br>33.38 | 0.330<br>43.77 | 0.375<br>49.56 | 0.406<br>53.52 | 0.562<br>73.15 | 0.500<br>65.42 | 0.688<br>88.63 | 0.844<br>107.32 | 1.000<br>125.49 | 1.125<br>139.67 | 1.312<br>160.27 | 1.000<br>125.49 | 0.156<br>21.40 | 0.180<br>24.65 | 0.375<br>50.55 | 0.500<br>66.73 | 3.673 |
| 14 | 14.000 | 0.250<br>36.71 | 0.312<br>45.61 | 0.375<br>54.57 | 0.375<br>54.57 | 0.438<br>63.44 | 0.594<br>85.05 | 0.500<br>72.09 | 0.750<br>106.13 | 0.938<br>130.85 | 1.094<br>150.79 | 1.250<br>170.21 | 1.406<br>189.11 | | 0.156<br>23.53 | 0.188<br>28.28 | | | 4.450 |
| 16 | 16.000 | 0.250<br>42.05 | 0.312<br>52.27 | 0.375<br>62.58 | 0.375<br>62.58 | 0.500<br>82.77 | 0.656<br>107.50 | 0.500<br>82.77 | 0.844<br>136.61 | 1.031<br>164.82 | 1.219<br>192.43 | 1.438<br>233.64 | 1.594<br>245.25 | | 0.165<br>28.46 | 0.188<br>32.39 | | | 5.827 |
| 18 | 18.000 | 0.250<br>47.39 | 0.312<br>58.94 | 0.438<br>82.15 | 0.375<br>70.59 | 0.562<br>104.67 | 0.750<br>138.17 | 0.500<br>93.45 | 0.938<br>170.92 | 1.156<br>207.96 | 1.375<br>244.14 | 1.562<br>274.22 | 1.781<br>308.50 | | 0.165<br>32.06 | 0.188<br>36.48 | | | 7.345 |
| 20 | 20.000 | 0.250<br>52.73 | 0.375<br>78.60 | 0.500<br>104.13 | 0.375<br>78.60 | 0.594<br>123.11 | 0.812<br>166.40 | 0.500<br>104.13 | 1.031<br>208.87 | 1.281<br>256.10 | 1.500<br>296.37 | 1.750<br>341.09 | 1.969<br>379.17 | | 0.188<br>40.58 | 0.218<br>46.98 | | | 9.111 |
| 22 | 22.000 | 0.250<br>58.07 | 0.375<br>86.61 | 0.500<br>114.81 | 0.375<br>86.61 | | 0.875<br>197.41 | 0.500<br>114.81 | 1.125<br>250.81 | 1.375<br>302.88 | 1.625<br>353.61 | 1.875<br>403.00 | 2.125<br>451.06 | | 0.188<br>44.68 | 0.218<br>51.72 | | | 11.018 |
| 24 | 24.000 | 0.250<br>63.41 | 0.375<br>94.62 | 0.562<br>140.68 | 0.375<br>94.62 | 0.688<br>171.29 | 0.969<br>238.35 | 0.500<br>125.49 | 1.219<br>296.58 | 1.531<br>367.39 | 1.812<br>429.39 | 2.062<br>483.12 | 2.344<br>542.13 | | 0.218<br>56.48 | 0.250<br>64.68 | | | 13.137 |
| 26 | 26.000 | 0.312<br>85.60 | 0.500<br>136.17 | | 0.375<br>102.63 | | | 0.500<br>136.17 | | | | | | | | | | | 15.361 |
| 28 | 28.000 | 0.312<br>92.26 | 0.500<br>146.85 | 0.625<br>182.73 | 0.375<br>110.64 | | | 0.500<br>146.85 | | | | | | | | | | | 17.833 |
| 30 | 30.000 | 0.312<br>98.93 | 0.500<br>157.53 | 0.625<br>196.08 | 0.375<br>118.65 | | | 0.500<br>157.53 | | | | | | | 0.250<br>81.02 | 0.312<br>100.91 | | | 20.482 |
| 32 | 32.000 | 0.312<br>105.59 | 0.500<br>168.21 | 0.625<br>209.43 | 0.375<br>126.66 | 0.688<br>230.08 | | 0.500<br>168.21 | | | | | | | | | | | 23.307 |
| 34 | 34.000 | 0.312<br>112.25 | 0.500<br>178.89 | 0.625<br>222.78 | 0.375<br>134.67 | 0.688<br>244.77 | | 0.500<br>178.89 | | | | | | | | | | | 26.344 |
| 36 | 36.000 | 0.312<br>118.92 | 0.500<br>189.57 | 0.625<br>236.13 | 0.375<br>142.68 | 0.750<br>282.35 | | 0.500<br>189.57 | | | | | | | | | | | 29.487 |
| 38 | 38.000 | | | | 0.375<br>150.69 | | | 0.500<br>200.25 | | | | | | | | | | | 32.877 |
| 40 | 40.000 | | | | 0.375<br>158.70 | | | 0.500<br>210.93 | | | | | | | | | | | 36.444 |
| 42 | 42.000 | | | | 0.375<br>166.71 | | | 0.500<br>221.61 | | | | | | | | | | | 40.187 |
| 44 | 44.000 | | | | 0.375<br>174.72 | | | 0.500<br>232.29 | | | | | | | | | | | 44.107 |
| 46 | 46.000 | | | | 0.375<br>182.73 | | | 0.500<br>242.97 | | | | | | | | | | | 48.168 |
| 48 | 48.000 | | | | 0.375<br>190.74 | | | 0.500<br>253.65 | | | | | | | | | | | 52.441 |