

Jubail  
Table 4 - API 5L & Structural



Size, Range & Grade for API 5L & Structural

| NPS   | Nominal Size | Outside Diameter |       | Wall Thickness |       | Weight (Plain End) |           | Schedule | Non-Schedule | Length    |          | PSL1       |            | PSL2       |                     |
|-------|--------------|------------------|-------|----------------|-------|--------------------|-----------|----------|--------------|-----------|----------|------------|------------|------------|---------------------|
|       |              |                  |       |                |       |                    |           |          |              | Max Mtrs. | Fixed mm | Hot Rolled | Hot Rolled | Normalized | Quenched & Tempered |
| INCH  | INCH         | INCH             | MM    | INCH           | MM    | PPF                | KG. / MTR |          |              |           |          |            |            |            |                     |
| 4     | 4 1/2        | 4.500            | 114.3 | 0.203          | 5.16  | 9.32               | 13.89     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.219          | 5.56  | 10.01              | 14.91     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.237          | 6.02  | 10.79              | 16.08     | 40       | STD          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.250          | 6.35  | 11.35              | 16.91     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.281          | 7.14  | 12.67              | 18.87     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.312          | 7.92  | 13.95              | 20.78     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.337          | 8.56  | 14.99              | 22.32     | 80       | XS           | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.375          | 9.52  | 16.52              | 24.60     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.438          | 11.13 | 19.01              | 28.32     | 120      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.500          | 12.70 | 21.36              | 31.82     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.531          | 13.49 | 22.52              | 33.54     | 160      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.562          | 14.27 | 23.63              | 35.20     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
| 0.625 | 15.88        | 25.88            | 38.54 | ...            | ...   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 0.674 | 17.12        | 27.55            | 41.03 | ...            | XXS   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 0.688 | 17.48        | 28.02            | 41.74 | ...            | ...   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 5     | 5 9/16       | 5.563            | 141.3 | 0.203          | 5.16  | 11.63              | 17.32     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.219          | 5.56  | 12.50              | 18.61     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.250          | 6.35  | 14.19              | 21.13     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.258          | 6.55  | 14.61              | 21.77     | 40       | STD          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.281          | 7.14  | 15.86              | 23.62     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.312          | 7.92  | 17.49              | 26.05     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.344          | 8.74  | 19.18              | 28.57     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.375          | 9.52  | 20.77              | 30.94     | 80       | XS           | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.438          | 11.13 | 23.99              | 35.73     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.500          | 12.70 | 27.04              | 40.28     | 120      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.562          | 14.27 | 30.01              | 44.70     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.625          | 15.88 | 32.98              | 49.12     | 160      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
| 0.688 | 17.48        | 35.84            | 53.38 | ...            | ...   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 0.750 | 19.05        | 38.56            | 57.43 | ...            | XXS   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 0.875 | 22.23        | 43.82            | 65.28 | ...            | ...   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 6     | 6 5/8        | 6.625            | 168.3 | 0.250          | 6.35  | 17.03              | 25.36     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.280          | 7.11  | 18.98              | 28.26     | 40       | STD          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.312          | 7.92  | 21.03              | 31.33     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.344          | 8.74  | 23.09              | 34.39     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.375          | 9.53  | 25.05              | 37.31     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.432          | 10.97 | 28.58              | 42.56     | 80       | XS           | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.438          | 11.13 | 28.96              | 43.14     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.500          | 12.70 | 32.72              | 48.73     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.562          | 14.27 | 36.39              | 54.21     | 120      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.625          | 15.88 | 40.07              | 59.69     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.688          | 17.48 | 43.65              | 65.02     | ...      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
|       |              |                  |       | 0.719          | 18.26 | 45.36              | 67.57     | 160      | ...          | 14        | + / - 50 | Y          | Y          | Y          | Y                   |
| 0.750 | 19.05        | 47.07            | 70.12 | ...            | ...   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 0.864 | 21.95        | 53.19            | 79.22 | ...            | XXS   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 0.875 | 22.23        | 53.76            | 80.08 | ...            | ...   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 0.938 | 23.83        | 57.00            | 84.90 | ...            | ...   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |
| 1.000 | 25.40        | 60.10            | 89.51 | ...            | ...   | 14                 | + / - 50  | Y        | Y            | Y         | Y        |            |            |            |                     |