

API New Drill Pipe

| API Label 1 (Pipe OD) (in) | API Label 2 (Nominal Weight) (lbs/ft) | Wall Thickness (mm) | Weight Code | Grade | Minimum Yield Strength (MPa) | Torsional Yield Strength (Nm) | Tensile Strength (kg) | Collapse Pressure (MPa) | Internal Pressure (MPa) |
|--------------------------------------|---|-------------------------------|----------------|-------|---------------------------------------|---|---------------------------------|-----------------------------------|-----------------------------------|
| 4 1/2 | 13.75 | 6,88 | 1 | E | 517 | 35 125 | 122 485 | 49 | 54 |
| | | | | X | 655 | 44 493 | 155 148 | 58 | 69 |
| | | | | G | 724 | 49 176 | 171 479 | 62 | 76 |
| | | | | S | 931 | 63 226 | 220 474 | 71 | 98 |
| | 16.60 | 8,56 | 2 | E | 517 | 41 769 | 149 939 | 72 | 68 |
| | | | | X | 655 | 52 907 | 189 922 | 88 | 86 |
| | | | | G | 724 | 58 477 | 209 914 | 95 | 95 |
| | | | | S | 931 | 75 184 | 269 889 | 116 | 122 |
| | 20.00 | 10,92 | 3 | E | 517 | 50 031 | 187 042 | 89 | 86 |
| | | | | X | 655 | 63 372 | 236 920 | 113 | 110 |
| | | | | G | 724 | 70 043 | 261 859 | 125 | 121 |
| | | | | S | 931 | 90 055 | 336 676 | 161 | 156 |
| | 22.82 | 12,70 | 4 | E | 517 | 55 469 | 213 750 | 102 | 101 |
| | | | | X | 655 | 70 260 | 270 751 | 129 | 127 |
| | | | | G | 724 | 77 656 | 299 250 | 143 | 141 |
| | | | | S | 931 | 99 844 | 384 751 | 184 | 181 |

Weight Code Number shown in yellow designates the standard weight for the drill pipe size.

The torsional yield strength is based on a shear strength of 57.7% of the minimum yield strength and nominal wall thickness.

The tensile strength, collapse pressure, and internal pressure are based on minimum yield strength.