

## Pressure Equivalents



| Unit                    | PSI       | KPa       | Kg/cm <sup>2</sup> | Cm H <sub>2</sub> O | Feet H <sub>2</sub> O | Inches Hg | mm Hg     | Inches H <sub>2</sub> O | ATM       | BAR       | mPa      |
|-------------------------|-----------|-----------|--------------------|---------------------|-----------------------|-----------|-----------|-------------------------|-----------|-----------|----------|
| PSI                     | 1         | 6.894757  | 0.070307           | 70.306927           | 2.306723              | 2.03602   | 51.71486  | 27.68068                | 0.068046  | 0.0689476 | 0.00689  |
| KPa                     | 0.1450377 | 1         | 0.0101972          | 10.19745            | 0.3345618             | 0.2952997 | 7.50061   | 4.01472                 | 0.0096692 | 0.01      | 0.001    |
| Kg/cm <sup>2</sup>      | 14.223343 | 98.06694  | 1                  | 1000.026            | 32.809312             | 28.95901  | 735.5588  | 393.71181               | 0.9678416 | 0.9806649 | 0.09806  |
| Cm H <sub>2</sub> O     | 0.0142229 | 0.0980634 | 0.001              | 1                   | 0.032808              | 0.0289581 | 0.7355372 | 0.39937                 | 0.0009678 | 0.009806  | 0.00098  |
| Feet H <sub>2</sub> O   | 0.433515  | 2.968961  | 0.0304791          | 30.48               | 1                     | 0.882646  | 22.4192   | 12                      | 0.029499  | 0.0296896 | 0.00298  |
| Inches Hg               | 0.4911542 | 3.386389  | 0.0345316          | 34.53253            | 1.132957              | 1         | 25.4      | 13.595484               | 0.0334211 | 0.0338639 | 0.00386  |
| mm Hg                   | 0.0193368 | 0.1333225 | 0.0013595          | 1.359554            | 0.0446046             | 0.0393701 | 1         | 0.535255                | 0.0013158 | 0.0013332 | 0.00013  |
| Inches H <sub>2</sub> O | 0.0361263 | 0.2490819 | 0.0025422          | 2.54                | 0.08333               | 0.0735539 | 1.8682683 | 1                       | 0.0024583 | 0.0024908 | 0.000249 |
| ATM                     | 14.696    | 101.32535 | 1.033231           | 1033.2633           | 33.8995               | 29.9213   | 760       | 406.794                 | 1         | 1.0132535 | 0.1013   |
| BAR                     | 14.5038   | 100       | 1.019716           | 1019.7466           | 33.4833               | 29.53     | 750.0626  | 401.8596                | 0.986923  | 1         | 0.1      |
| mPa                     | 145.0377  | 1000      | 10.197             | 10197.45            | 334.56                | 295.299   | 7500.61   | 4014.74                 | 9.669     | 10        | 1        |