

# Unit Conversion Table – Pressure



| Bar<br>( bar ) | Kilopascal<br>( kPa ) | Pounds / Inch <sup>2</sup><br>( psi ) | Meters Of Head<br>( m ) | Feet Of Head<br>( ft ) | Atmospheres<br>( atm-std ) | cm Of Mercury<br>( cm.Hg ) |
|----------------|-----------------------|---------------------------------------|-------------------------|------------------------|----------------------------|----------------------------|
| 0.1            | 9.8                   | 1.42                                  | 1                       | 3.28                   | 0.1                        | 7.35                       |
| 0.1            | 10                    | 1.45                                  | 1.02                    | 3.35                   | 0.1                        | 7.5                        |
| 0.1            | 13.3                  | 1.93                                  | 1.36                    | 4.46                   | 0.13                       | 10                         |
| 0.3            | 29.9                  | 4.34                                  | 3.05                    | 10                     | 0.3                        | 22.42                      |
| 0.6            | 60                    | 8.7                                   | 6.12                    | 20.07                  | 0.59                       | 45                         |
| 1              | 100                   | 14.5                                  | 10.2                    | 33.46                  | 0.99                       | 75.01                      |
| 1              | 101.3                 | 14.7                                  | 10.33                   | 33.9                   | 1                          | 76                         |
| 1.3            | 133.3                 | 19.34                                 | 13.6                    | 44.6                   | 1.32                       | 100                        |
| 1.6            | 160                   | 23.21                                 | 16.32                   | 53.53                  | 1.58                       | 120.01                     |
| 2.1            | 206.8                 | 30                                    | 21.1                    | 69.2                   | 2.04                       | 155.14                     |
| 2.5            | 250                   | 36.26                                 | 25.5                    | 83.64                  | 2.47                       | 187.52                     |
| 4              | 400                   | 58.02                                 | 40.8                    | 133.82                 | 3.95                       | 300.02                     |
| 4.1            | 413.7                 | 60                                    | 42.19                   | 138.4                  | 4.08                       | 310.29                     |
| 6              | 600                   | 87.02                                 | 61.2                    | 200.73                 | 5.92                       | 450.04                     |
| 6.9            | 689.5                 | 100                                   | 70.32                   | 230.67                 | 6.8                        | 517.15                     |
| 8              | 800                   | 116.03                                | 81.6                    | 267.64                 | 7.9                        | 600.05                     |
| 10             | 1000                  | 145                                   | 102                     | 334.55                 | 9.87                       | 750.06                     |
| 11             | 1103.1                | 160                                   | 112.52                  | 369.07                 | 10.89                      | 827.44                     |
| 13.3           | 1333.2                | 193.37                                | 135.99                  | 446.03                 | 13.16                      | 1000                       |
| 16             | 1600                  | 232.06                                | 163.2                   | 535.28                 | 15.79                      | 1200.1                     |
| 20.7           | 2068.4                | 300                                   | 210.97                  | 692                    | 20.41                      | 1551.45                    |
| 25             | 2500                  | 362.59                                | 255                     | 836.38                 | 24.67                      | 1875.15                    |
| 29.9           | 2989.1                | 433.53                                | 304.88                  | 1000                   | 29.5                       | 2241.98                    |
| 40             | 4000                  | 580.15                                | 407.99                  | 1338.21                | 39.48                      | 3000.25                    |
| 41.4           | 4136.9                | 600                                   | 421.95                  | 1384                   | 40.83                      | 3102.9                     |
| 60             | 6000                  | 870.23                                | 611.99                  | 2007.32                | 59.22                      | 4500.37                    |
| 69             | 6894.8                | 1000                                  | 703.25                  | 2306.66                | 68.05                      | 5171.49                    |
| 80             | 8000                  | 1160.3                                | 815.98                  | 2676.42                | 78.95                      | 6000.49                    |
| 100            | 10000                 | 1450                                  | 1020                    | 3345.5                 | 98.69                      | 7500.62                    |

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