

PRESSURE & VACUUM CONVERSIONS

| Pounds per Square Inch | bar | Kilopascals | Kilograms per Square Centimeter | Ounces per Square Inch | Inches of Mercury | Millimeters of Mercury | Inches of Water |
|------------------------|----------|-------------|---------------------------------|------------------------|-------------------|------------------------|--------------------|
| psi | bar | kPa | kg/cm ² | oz-in ² | inHg | mmHg* | inH ₂ O |
| 1 | .0689476 | 6.89476 | .0703069 | 16 | 2.03602 | 51.71485 | 27.6807 |
| 14.5038 | 1 | 100 | 1.019716 | 232.0608 | 29.530 | 750.0626 | 401.8596 |
| .145038 | .01 | 1 | .0101972 | 2.320608 | .295299 | 7.500610 | 401.8596 |
| 14.2233 | .9806649 | 98.06649 | 1 | 227.5739 | 28.95901 | 735.5588 | 393.7118 |
| .0625 | .0043092 | .4309223 | .0043942 | 1 | .1272513 | 3.23218 | 1.73004 |
| .4911542 | .0338639 | 3.386389 | .0345316 | 7.85847 | 1 | 25.4 | 13.59548 |
| .0193368 | .0013332 | .1333225 | .0013595 | .3093888 | .0393701 | 1 | .535255 |
| .0361263 | .0024908 | .2490819 | .0025422 | .578020 | .0735539 | 1.868268 | 1 |

* 1 kPa = 1 kN/m², 1 mmHg = 1 Torr, 1Kg/cm² = 1 kp/cm²
 (Conversions of: H₂O are at 39.2 °F (4 °C): Hg are at 32 °F (0 °C))