

PRESSURE CONVERSION TABLE

	Atmospheres	Bars	Dynes/cm ²	Hg, In. (0°C)	H ₂ O, In. (4°C)	kg/m ²	Lb/in. ² (psi)	Lb./ft. ²	Hg, mm (torr)	Pascals
Atmospheres		9.86923 x10 ⁻¹	9.86923 x10 ⁻⁷	3.34207 x10 ⁻²	2.458 x10 ⁻³	9.678 x10 ⁻⁵	6.8046 x10 ⁻²	4.7254 x10 ⁻⁴	1.316 x10 ⁻³	9.869 x10 ⁻⁶
Bars	1.01325		10 ⁻⁶	3.3864 x10 ⁻²	2.491 x10 ⁻³	9.8067 x10 ⁻⁵	6.8948 x10 ⁻²	4.788 x10 ⁻⁴	1.333 x10 ⁻³	10 ⁵
Dynes/cm ²	1.01325 x10 ⁶	x10 ⁶		3.386 x10 ⁴	2.491 x10 ³	98.067	6.8948	4.788 x10 ⁶	1.333	10
In. of Hg (0°C)	29.9213	29.53	2.953 x10 ⁻⁵		7.355 x10 ⁻²	2.896 x10 ⁻³	2.036	1.4139 x10 ⁻²	3.937 x10 ⁻²	2.953 x10 ⁻⁴
In. of H ₂ O (4°C)	406.8	401.48	4.0148 x10 ⁻⁴	13.6		3.937 x10 ⁻²	27.68	.1922	.5354	4.014 x10 ⁻³
kg/m ²	1.033227 x10 ⁴	1.0197 x10 ⁴	1.0197 x10 ⁻²	345.3	25.4		7.0306 x10 ²	4.882	13.59	0.1019
Lb/in. ² (psi)	14.695595	14.504	1.4504 x10 ⁻⁵	.4912	3.6126 x10 ⁻²	1.423 x10 ⁻³		6.9444 x10 ⁻³	1.934 x10 ⁻²	1.45 x10 ⁻⁴
Lb./ft. ²	2116.22	2088.5	2.0885 x10 ⁻³	70.726	5.202	.2048	144.0		2.7844	2.089 x10 ⁻²
mm of Hg (torr)	760	750.06	7.5006 x10 ⁻⁴	25.400	1.868	7.3558 x10 ⁻²	51.715	.35913		7.502 x10 ⁻³
Pascals	1.01325 x10 ⁵	1.000 x10 ⁵	10 ⁻¹	3.386 x10 ³	2.491 x10 ²	9.8067	6.8948 x10 ³	47.88	1.333 x10 ²	

To use the above table, locate the initial measurement along the top of the table, and multiply by the number in the row that corresponds to the final measurement in the left column.

For example: to convert from Atmospheres to Pascals, locate the Atmospheres column at the top of the table and move down to the row that corresponds to Pascals on the left, which says to multiply Atmospheres by 1.01325 x 10⁵ to obtain the equivalent measurement in Pascals.