Pressure Conversion Table

	Atmos-pheres	Bars	Dynes/ cm^2	Hg, In. (0^oC)	H_2O, In. (4^oC)	kg/m^2	$Lb/in.^2$ (psi)	$Lb./ft.^2$	Hg, mm (torr)	Pascals
Atmospheres		9.86923×10^{-1}	9.86923×10^{-7}	3.34207×10^{-2}	2.458×10^{-3}	9.678×10^{-5}	6.8046×10^{-2}	4.7254×10^{-4}	1.316×10^{-3}	9.869×10^{-6}
Bars	1.01325		10^{-6}	3.3864×10^{-2}	2.491×10^{-3}	9.8067×10^{-5}	6.8948×10^{-2}	4.788×10^{-4}	1.333×10^{-3}	10^5
Dynes/cm^2	1.01325×10^6	$\times 10^6$		3.386×10^4	2.491×10^3	98.067	6.8948	4.788×10^6	1.333	10
In. of Hg (0^oC)	29.9213	29.53	2.953×10^{-5}		7.355×10^{-2}	2.896×10^{-3}	2.036	1.4139×10^{-2}	3.937×10^{-2}	2.953×10^{-4}
In. of H_2O (4^oC)	406.8	401.48	4.0148×10^{-4}	13.6		3.937×10^{-2}	27.68	.1922	.5354	4.014×10^{-3}
kg/m^2	1.033227×10^4	1.0197×10^4	1.0197×10^{-2}	345.3	25.4		7.0306×10^2	4.882	13.59	0.1019
$Lb/in.^2$ (psi)	14.695595	14.504	1.4504×10^{-5}	.4912	3.6126×10^{-2}	1.423×10^{-3}		6.9444×10^{-3}	1.934×10^{-2}	1.45×10^{-4}
$Lb./ft.^2$	2116.22	2088.5	2.0885×10^{-3}	70.726	5.202	.2048	144.0		2.7844	2.089×10^{-2}
mm of Hg (torr)	760	750.06	7.5006×10^{-4}	25.400	1.868	7.3558×10^{-2}	51.715	.35913		7.502×10^{-3}
Pascals	1.01325×10^5	1.000×10^5	10^{-1}	3.386×10^3	2.491×10^2	9.8067	6.8948×10^3	47.88	1.333×10^2	

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 1.01325×10^5 to obtain the equivalent measurement in Pascals.