

# Conversion Factors

## Pressure

Multiply	By	To Obtain
Atmospheres	760	Millimeters of Mercury
	29.921	Inches of Mercury
	33.93	Feet of Water
	10332	kg./m. <sup>2</sup>
	14.696	lbs./sq. in. (psi)
	2216.2	lbs./sq. ft.
	1.0133	Bars
Centimeters of Mercury	1.0332	kg./cm. <sup>2</sup>
	5.3524	Inches of Water
	0.4460	Feet of Water
	0.1934	lbs./sq. in. (psi)
Feet of Water	27.854	lbs./sq. ft.
	135.95	kg./m. <sup>2</sup>
	0.02947	Atmospheres
	0.4335	lbs./sq. in. (psi)
Inches of Mercury	62.378	lbs./sq. ft.
	0.03342	Atmospheres
	13.60	Inches of Water
Inches of Water	1.133	Feet of Water
	0.4912	lbs./sq. in. (psi)
	70.727	lbs./sq. ft.
	345.32	kg./m. <sup>2</sup>
	0.03609	lbs./sq. in. (psi)
Kilograms per square centimeter (kg./cm. <sup>2</sup> )	5.1981	lbs./sq. ft.
	25.38	kg./m. <sup>2</sup>
Kilograms per square meter (kg./m. <sup>2</sup> )	0.9678	Atmospheres
	14.22	lbs./sq. in. (psi)
Kilopascals	0.00142	lbs./sq. in. (psi)
	0.20482	lbs./sq. ft.
	0.00328	Feet of Water
	0.1	gm./cm. <sup>2</sup>
	9.80665	Pascals
	0.00987	Atmospheres
	0.29613	Inches of Mercury (60°F)
0.33456	Feet of Water (39.2°F)	
Pounds per square inch (psi)	101.97162	kg./m. <sup>2</sup>
	0.14504	lbs./sq. in. (psi)
	20.88543	lbs./sq. ft.
	0.01000	Bars
	0.01020	kg./cm. <sup>2</sup>
Torr	70.31	gm./cm. <sup>2</sup>
	2.036	Inches of Mercury
	2.311	Feet of Water
	6.8948	Kilopascals
Torr	0.001316	Atmospheres
	0.001333	Bar
	1000	Millitorr
	1.333	Millibar
	1000	Micron (Hg)