

	pascal (Pa)	bar (bar)	technical atmosphere (at)	atmosphere (atm)	torr (mmHg)	pound-force per square inch (psi)
1 Pa	$\equiv 1\text{N/m}^2$	$10^{-5}$	$1.0197 \times 10^{-5}$	$9.8692 \times 10^{-6}$	$7.5006 \times 10^{-3}$	$145.04 \times 10^{-6}$
1 bar	100000	$\equiv 10^6\text{dyn/cm}^2$	1.0197	0.98692	750.06	14.504
1 at	98066.5	0.980665	$\equiv 1\text{kgf/cm}^2$	0.96784	735.56	14.223
1 atm	101325	1.01325	1.0332	$\equiv 1\text{atm}$	760	14.696
1 torr	133.322	$1.3332 \times 10^{-3}$	$1.3595 \times 10^{-3}$	$1.3158 \times 10^{-3}$	$\equiv 1\text{mmHg}$	$19.337 \times 10^{-3}$
1 psi	6894.76	$68.948 \times 10^{-3}$	$70.307 \times 10^{-3}$	$68.046 \times 10^{-3}$	51.715	$\equiv 1\text{lbf/in}^2$

**Example reading:**  $1\text{ Pa} = 1\text{ N/m}^2 = 10^{-5}\text{ bar} = 10.197 \times 10^{-6}\text{ at} = 9.8692 \times 10^{-6}\text{ atm}$ , etc.

**Note:** mmHg is an abbreviation for millimeters of mercury.