



PRESSURE EQUIVALENTS

The basic dimensional unit for pressure is the *pascal* which is a force of one *newton* acting on an area of one *square meter*.

Pressure equivalents are:

- 1 pascal (1 newton/meter²)
- = 0.00750 torr
- = 10⁻⁵ bar (or 10⁻² millibar)
- = 10 dyne/cm²
- = 1.45X10⁻⁴ lbs/inch² (PSI)
- = 2.95X10⁻⁴ inches Hg
- = 9.87X10⁻⁶ atmosphere

The red line on the chart indicates atmospheric pressure. Values below the line are positive pressure levels; values above the line are levels of vacuum.

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