

Gauge pressure

@wikipedia

Synonym: [Pressure \(gauge\)](#) = [Gauge pressure](#)

[Pressure](#) measured by [Pressure gauge](#).

Usually all [pressure gauges](#) are calibrated to show "0" value at 1 [bar](#) so that:

$$\text{Pressure (gauge)} = \text{Pressure (absolute)} - 1 \text{ bar}$$

and

$$\text{Pressure (absolute)} = \text{Pressure (gauge)} + 1 \text{ bar}$$

The differential value of [gauge pressure](#) is the same as the [absolute pressure](#):

$$P \text{ (gauge)} = P \text{ (absolute)}$$

In order to discriminate [gauge pressure](#) values from the [absolute pressure](#), the [gauge pressure](#) units are usually augmented with suffix "g":

barg	psig
in Oil Metric System	in Oil Field System

See also

[Natural Science](#) / [Physics](#) / [Measurement](#)

[[Pressure gauge](#)]