



Pressure Unit Conversion

bar	mbar	MPa	$\frac{\text{kN/m}^2}{\text{kPa}}$	$\frac{\text{N/m}^2}{\text{Pa}}$	mmWs	$\frac{\text{kg/cm}^2}{\text{kp/cm}^2}$	psi	$\frac{\text{mmHG}}{\text{Torr}}$	inch HG	inch H ₂ O
1	1000	0.1	100	100000	10197.2	1.01972	14.5038	750.062	29.53	401.463
0.001	1	0.0001	0.1	100	10.197	0.001019	0.0145	0.750	0.02953	0.40146
10	10000	1	1000	1000000	101972	10.197	145.038	7500.62	295.3	4014.63
0.010	10	0.001	1	1000	101.97	0.01019	0.14503	7.501	0.2953	4.0146
0.00001	0.01	0.000001	0.001	1	0.10197	0.00001019	0.000145	0.0075	0.00029	0.00401
0.0000098	0.098007	0.00000098	0.009806	9.8066	1	0.0001	0.001422	0.073556	0.002895	0.03937
0.98066	980.665	0.09807	98.0665	98066.5	10000	1	14.2233	735.559	28.959	393.701
0.06895	68.9476	0.006894	6.89476	6894.76	703.07	0.070307	1	51.7149	2.03602	27.68
0.001333	1.33322	0.000133	0.133322	133.322	13.5951	0.00136	0.019337	1	0.03937	0.53524
0.033864	33.8639	0.003386	3.386	3386	345.316	0.034532	0.491154	25.4	1	13.5951
0.00249	2.49089	0.000249	0.249089	249.089	25.4	0.00254	0.03613	1.86832	0.073556	1

The above data is provided to guide the reader for the most relevant accuracy, not permitted for a detailed comparison. When selecting devices against specific duties, all service data must not be fully considered. Further verification is needed against actual devices implemented, whilst, any misleading figures incurred is out of our responsibility.