

CONVERSION FACTORS FOR UNITS OF PRESSURE MULTIPLY BY

TO CONVERT FROM TO	PSI	MILLIBAR	BAR	ATM	PASCAL	KILO PASCAL	CM WATER AT 20°C	IN. WATER AT 20°C	FT. WATER AT 20°C	MM HG AT 20°C	IN. HG AT 0°C	LB/FT ²	GM/CM ²	KG/CM ²	IN. SEA WATER	FT. SEA WATER	METERS SEA WATER	IN. WATER AT 60°F*
PSI	1	68.9476	0.0689476	0.0680460	6894.76	6.89476	70.433	27.730	2.3108	51.7149	2.03602	144.0	70.30696	0.07030696	26.9484	2.2457	0.684482	1.000804
MILLIBAR	0.0145038	1	0.001	9.86923 X 10 ⁻⁴	100	0.100	1.0215	0.40218	0.03352	0.75006	0.0295300	2.0885	1.019716	0.00101972	0.39085	0.032571	0.0099276	0.014515
BAR	14.5038	1000	1	0.986923	100000	100	1021.5	402.18	33.52	750.06	29.5300	2088.5	1019.716	1.019716	390.85	32.571	9.9276	14.51546
ATM	14.6959	1013.25	1.01325	1	101325	101.325	1035.08	407.511	33.959	760.0	29.9213	2116.21	1033.227	1.033227	396.031	33.002	10.0591	14.70772
PASCAL	1.45038 X 10 ⁻⁴	0.01	0.00001	9.86923 X 10 ⁻⁶	1	0.001	0.010215	0.0040218	3.352 X 10 ⁻⁴	7.5006 X 10 ⁻³	2.95300 X 10 ⁻⁴	0.02089	0.0109716	1.019716 X 10 ⁻⁵	39.085	3.2571 X 10 ⁻⁴	9.9276 X 10 ⁻⁵	1.45155 X 10 ⁻⁴
KILO PASCAL	0.1455038	10.0	0.010	0.0098692	1000	1	10.215	4.0218	0.3352	7.5006	0.295300	20.89	10.19716	0.0101972	3.9085	0.32571	0.099276	0.145155
CM WATER AT 20°C	0.1455038	0.97891	9.7891 X 10 ⁻⁴	9.66105 X 10 ⁻⁴	97.891	0.097891	1	0.3937	0.03281	0.73424	0.028907	2.0445	0.99821	9.9821 X 10 ⁻⁴	0.382613	0.031884	0.0097182	0.014209
IN. WATER AT 20°C	0.0360683	2.4864	0.0024864	2.45392 X 10 ⁻³	248.64	0.24864	2.5400	1	0.083333	1.8650	0.073424	5.1931	2.5354	0.0025354	0.971840	0.080986	0.024684	0.0360692
FT. WATER AT 20°C	0.432756	29.8368	0.0298368	0.0294470	2983.68	2.98368	30.480	12	1	22.380	0.881089	62.317	30.425	0.030425	11.6621	0.97183	0.29621	0.433104
MM HG AT 0°C	0.0193368	1.33322	0.00133322	0.00131579	133.322	0.133322	1.3619	0.53620	0.04468	1	0.03937	2.7845	1.35951	0.00135951	0.521096	0.043424	0.013236	0.0193949
IN. HG AT 0°C	0.491154	33.8639	0.0338639	0.0334211	3386.39	3.38639	34.593	13.619	1.13491	25.400	1	70.72629	34.5316	0.0345316	13.23581	1.1030	0.33619	0.491549
LB/FT ²	0.0069444	0.478799	4.78799 X 10 ⁻⁴	4.72539 X 10 ⁻⁴	47.880	0.047880	0.048911	0.19257	0.01605	0.35913	0.014139	1	0.48824	4.88239 X 10 ⁻⁴	0.18714	0.015595	4.753332 X 10 ⁻³	6.94998 X 10 ⁻³
GM/CM ²	0.0142233	0.980665	9.80665 X 10 ⁻⁴	9.67842 X 10 ⁻⁴	98.0665	0.0980665	1.0018	0.39441	0.032868	0.735559	0.028959	2.04816	1	0.001	0.38330	0.031940	0.0097355	0.014235
KG/CM ²	14.2233	980.665	0.980665	0.967842	98066.5	98.0665	1001.8	394.41	32.868	735.559	28.959	2048.2	1000	1	383.330	31.9410	9.7355	14.235
IN. SEA WATER	0.037108	2.55851	2.55851 X 10 ⁻³	2.52505 X 10 ⁻³	255.851	0.255851	2.6136	1.02900	0.08575	1.91904	0.07555	5.343552	2.60895	2.60895 X 10 ⁻³	1	0.08333	0.025400	0.037138
FT. SEA WATER	0.4453	30.702	0.030702	0.030301	3070.2	3.0702	31.3638	12.3482	1.02900	23.029	0.90664	64.123	31.308	0.031308	12	1	0.3048	0.445658
METERS SEA WATER	1.46096	100.730	0.100730	0.099409	10073.0	10.0730	102.90	40.512	3.3760	75.553	2.9745	210.378	102.716	0.102716	39.3705	3.2808	1	1.462135
IN. WATER AT 60°F*	0.036092	2.48846	2.48846	2.45592	248.846	0.248846	2.54207	1.00083	0.083235	1.86650	0.073484	5.19725	2.53246	2.53752	0.97622	0.081052	0.024704	1