



PRESSURE CONVERSION CHART

designation	psi	kPa	kg/cm ²	cm of H ₂ O	feet of H ₂ O	inches of Hg	mm of Hg	inches of H ₂ O	ounces per square inch	atmospheres	bar	mbar	Mpa
psi	1	6.894757	0.070306958	70.306927	2.306723	2.03602	51.71486	27.68068	16	0.068046	0.06894757	68.9476	0.00689
kPa	0.1450377	1	0.01019716	10.19745	0.3345618	0.2952997	7.50061	4.01472	2.320603	0.009669235	0.01	10	0.001
kg/cm ²	14.223343	98.06694	1	1000.026	32.809312	28.95901	735.5588	393.711806	227.57349	0.967841596	0.98066494	1013.25	0.09806
cm of H ₂ O	0.0142229	0.0980634	0.00099997	1	0.032808	0.0289581	0.7355372	0.3937	0.227566	0.000967814	0.000980634	0.9806	0.00098
feet of H ₂ O	0.433515	2.968961	0.03047912	30.48	1	0.882646	22.4192	12	6.93624	0.02949896	0.02968961	29.689	0.00298
inches of Hg	0.4911542	3.386389	0.0345316	34.53253	1.132957	1	25.4	13.595484	7.85847	0.0334211	0.03386389	33.8639	0.00386
mm of Hg	0.0193368	0.1333225	0.00135951	1.359554	0.0446046	0.039370079	1	0.535255	0.3093888	0.0013157895	0.001333225	1.33322	0.00013
inches of H ₂ O	0.03612628	0.2490819	0.00254219	2.54	0.08333	0.0735539	1.8682683	1	0.57802	0.00245825	0.002490819	2.49089	0.000249
ounces per square inch	0.0625	0.4309223	0.004394308	4.394308	0.14417	0.12725125	3.23218	1.73004	1	0.004252875	0.004309223	4.309	0.0004309
atmospheres	14.696	101.32535	1.033231	1033.2633	33.8995	29.9213	760	406.794	235.136	1	1.0132535	1013.25	0.1013
bar	14.5038	100	1.019716	1019.7466	33.4833	29.53	750.0626	401.8596	232.0608	0.986923	1	1000	0.1
mbar	0.0145	0.1	0.001019	1.019	0.003456	0.02953	0.75006	0.40146	0.23206	0.00099	0.001	1	0.0001
Mpa	145.0377	1000	10.197	10197.45	3334.56	295.299	7500.61	4014.74	2320.603	9.669	10	10000	1