

Pressure Equivalents

Unit	PSI	kPa	kg/cm²	cm H₂O	feet H₂O	inches Hg	mm Hg	inches H₂O	Atm.	Bar	mPa
PSI	1	6.894757	0.070307	70.306927	2.306723	2.03602	51.71486	27.68068	0.068046	0.0689476	0.00689
kPa	0.1450377	1	0.0101972	10.19745	0.3345618	0.2952997	7.50061	4.01472	0.0096692	0.01	0.001
kg/cm²	14.223343	98.06694	1	1,000.026	32.809312	28.95901	735.5588	393.71181	0.9678416	0.9806649	0.09806
cm H₂O	0.0142229	0.0980634	0.001	1	0.032808	0.0289581	0.7355372	0.3937	0.0009678	0.009806	0.00098
feet H₂O	0.433515	2.968961	0.0304791	30.48	1	0.882646	22.4192	12	0.029499	0.0296896	0.00298
inches Hg	0.4911542	3.386389	0.0345316	34.53253	1.132957	1	25.4	13.595484	0.0334211	0.0338639	0.00386
mm Hg	0.0193368	0.1333225	0.0013595	1.359554	0.0446046	0.0393701	1	0.535255	0.0013158	0.0013332	0.00013
inches H₂O	0.0361263	0.2490819	0.0025422	2.54	0.08333	0.0735539	1.8682683	1	0.0024583	0.0024908	0.000249
Atm.	14.696	101.32535	1.033231	1,033.2633	33.8995	29.9213	760	406.794	1	1.0132535	0.1013
Bar	14.5038	100	1.019716	1019.7466	33.4833	29.53	750.0626	401.8596	0.986923	1	0.1
mPa	145.0377	1,000	10.197	10,197.45	334.56	295.299	7500.61	4014.74	9.669	10	1