

## Equivalents of Head and Pressure

(in. and feet of water at 68°F, in. and feet mercury at 32°F)

	lb/in <sup>2</sup>	lb/ft <sup>2</sup>	Atm.	kg/cm <sup>2</sup>	kg/m <sup>2</sup>	in. water	ft. water	in. mercury	mm mercury	Bars	MPa
lb/in <sup>2</sup>	1	144	0.068046	0.070307	703.070	27.7276	2.3106	2.03602	51.7150	0.06895	0.006895
lb/ft <sup>2</sup>	0.0069444	1	0.000473	0.000488	4088241	0.1926	0.01605	0.014139	0.35913	0.000479	0.0000479
Atm.	14.696	2116.22	1	1.0332	10332.27	407.484	33.9570	29.921	760	1.01325	0.101325
kg/cm <sup>2</sup>	14.2233	2048.155	0.96784	1	10000	394.38	32.8650	28.959	735.559	0.98067	0.098067
kg/m <sup>2</sup>	0.001422	0.204768	0.0000968	0.0001	1	0.03944	0.003287	0.002896	0.073556	0.000098	0.0000098
in. water	0.036092	5.1972	0.002454	0.00253	25.375	1	0.08333	0.073430	1.8651	0.00249	0.000249
ft. water	0.432781	62.3205	0.029449	0.03043	304.275	12	1	0.88155	22.3813	0.029839	0.0029839
in. mercury	0.491154	70.7262	0.033421	0.03453	345.316	13.6185	1.1349	1	25.40005	0.033864	0.0033864
mm mercury	0.0193368	2.78450	0.0013158	0.0013595	13.59509	0.53616	0.044680	0.03937	1	0.001333	0.0001333
Bars	14.5038	2088.55	0.98692	1.01972	10197.2	402.156	33.5130	29.5300	750.062	1	0.10
MPa	145.038	20885.5	9.8692	10.1972	101972.0	4021.56	335.130	295.300	7500.62	10.0	1