

Pressure Conversion Chart

PSI	kPa	Mpa	bar	kgf/cm ²	kg/cm ²	mm/Hg	mm/H ₂ O	in/Hg	in/H ₂ O
1	6.895	0.0069	0.0689	0.07	0.0703	51.75	703.1	2.036	27.71
5	34.475	0.0345	0.3445	0.35	0.3515	258.75	3515.5	10.18	138.55
10	68.95	0.069	0.689	0.7	0.703	517.5	7031	20.36	277.1
15	103.425	0.1035	1.0335	1.05	1.0545	776.25	10546.5	30.54	415.65
20	137.9	0.138	1.378	1.4	1.406	1035	14062	40.72	554.2
25	172.375	0.1725	1.7225	1.75	1.7575	1293.75	17577.5	50.9	692.75
30	206.85	0.207	2.067	2.1	2.109	1552.5	21093	61.08	831.3
35	241.325	0.2415	2.4115	2.45	2.4605	1811.25	24608.5	71.26	969.85
40	275.8	0.276	2.756	2.8	2.812	2070	28124	81.44	1108.4
45	310.275	0.3105	3.1005	3.15	3.1635	2328.75	31639.5	91.62	1246.95
50	344.75	0.345	3.445	3.5	3.515	2587.5	35155	101.8	1385.5
55	379.225	0.3795	3.7895	3.85	3.8665	2846.25	38670.5	111.98	1524.05
60	413.7	0.414	4.134	4.2	4.218	3105	42186	122.16	1662.6
65	448.175	0.4485	4.4785	4.55	4.5695	3363.75	45701.5	132.34	1801.15
70	482.65	0.483	4.823	4.9	4.921	3622.5	49217	142.52	1939.7
75	517.125	0.5175	5.1675	5.25	5.2725	3881.25	52732.5	152.7	2078.25
80	551.6	0.552	5.512	5.6	5.624	4140	56248	162.88	2216.8
85	586.075	0.5865	5.8565	5.95	5.9755	4398.75	59763.5	173.06	2355.35
90	620.55	0.621	6.201	6.3	6.327	4657.5	63279	183.24	2493.9
95	655.025	0.6555	6.5455	6.65	6.6785	4916.25	66794.5	193.42	2632.45
100	689.5	0.69	6.89	7	7.03	5175	70310	203.6	2771
150	1034.25	1.035	10.335	10.5	10.545	7762.5	105465	305.4	4156.5
200	1379	1.38	13.78	14	14.06	10350	140620	407.2	5542
250	1723.75	1.725	17.225	17.5	17.575	12937.5	175775	509	6927.5
300	2068.5	2.07	20.67	21	21.09	15525	210930	610.8	8313
350	2413.25	2.415	24.115	24.5	24.605	18112.5	246085	712.6	9698.5
400	2758	2.76	27.56	28	28.12	20700	281240	814.4	11084
450	3102.75	3.105	31.005	31.5	31.635	23287.5	316395	916.2	12469.5
500	3447.5	3.45	34.45	35	35.15	25875	351550	1018	13855
550	3792.25	3.795	37.895	38.5	38.665	28462.5	386705	1119.8	15240.5
600	4137	4.14	41.34	42	42.18	31050	421860	1221.6	16626
650	4481.75	4.485	44.785	45.5	45.695	33637.5	457015	1323.4	18011.5
700	4826.5	4.83	48.23	49	49.21	36225	492170	1425.2	19397
750	5171.25	5.175	51.675	52.5	52.725	38812.5	527325	1527	20782.5
800	5516	5.52	55.12	56	56.24	41400	562480	1628.8	22168
850	5860.75	5.865	58.565	59.5	59.755	43987.5	597635	1730.6	23553.5
900	6205.5	6.21	62.01	63	63.27	46575	632790	1832.4	24939
950	6550.25	6.555	65.455	66.5	66.785	49162.5	667945	1934.2	26324.5
1000	6895	6.9	68.9	70	70.3	51750	703100	2036	27710
1,100	7584.5	7.59	75.79	77	77.33	56925	773410	2239.6	30481
1,200	8274	8.28	82.68	84	84.36	62100	843720	2443.2	33252
1,300	8963.5	8.97	89.57	91	91.39	67275	914030	2646.8	36023
1,400	9653	9.66	96.46	98	98.42	72450	984340	2850.4	38794
1,500	10342.5	10.35	103.35	105	105.45	77625	1054650	3054	41565
1,600	11032	11.04	110.24	112	112.48	82800	1124960	3257.6	44336
1,700	11721.5	11.73	117.13	119	119.51	87975	1195270	3461.2	47107
1,800	12411	12.42	124.02	126	126.54	93150	1265580	3664.8	49878
1,900	13100.5	13.11	130.91	133	133.57	98325	1335890	3868.4	52649
2,000	13790	13.8	137.8	140	140.6	103500	1406200	4072	55420
2,100	14479.5	14.49	144.69	147	147.63	108675	1476510	4275.6	58191
2,200	15169	15.18	151.58	154	154.66	113850	1546820	4479.2	60962
2,300	15858.5	15.87	158.47	161	161.69	119025	1617130	4682.8	63733
2,400	16548	16.56	165.36	168	168.72	124200	1687440	4886.4	66504

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PSI	kPa	Mpa	bar	kgf/cm ²	kg/cm ²	mm/Hg	mm/H ₂ O	in/Hg	in/H ₂ O
2,500	17237.5	17.25	172.25	175	175.75	129375	1757750	5090	69275
2,600	17927	17.94	179.14	182	182.78	134550	1828060	5293.6	72046
2,700	18616.5	18.63	186.03	189	189.81	139725	1898370	5497.2	74817
2,800	19306	19.32	192.92	196	196.84	144900	1968680	5700.8	77588
2,900	19995.5	20.01	199.81	203	203.87	150075	2038990	5904.4	80359
3,000	20685	20.7	206.7	210	210.9	155250	2109300	6108	83130
3,100	21374.5	21.39	213.59	217	217.93	160425	2179610	6311.6	85901
3,200	22064	22.08	220.48	224	224.96	165600	2249920	6515.2	88672
3,300	22753.5	22.77	227.37	231	231.99	170775	2320230	6718.8	91443
3,400	23443	23.46	234.26	238	239.02	175950	2390540	6922.4	94214
3,500	24132.5	24.15	241.15	245	246.05	181125	2460850	7126	96985
3,600	24822	24.84	248.04	252	253.08	186300	2531160	7329.6	99756
3,700	25511.5	25.53	254.93	259	260.11	191475	2601470	7533.2	102527
3,800	26201	26.22	261.82	266	267.14	196650	2671780	7736.8	105298
3,900	26890.5	26.91	268.71	273	274.17	201825	2742090	7940.4	108069
4,000	27580	27.6	275.6	280	281.2	207000	2812400	8144	110840
4,100	28269.5	28.29	282.49	287	288.23	212175	2882710	8347.6	113611
4,200	28959	28.98	289.38	294	295.26	217350	2953020	8551.2	116382
4,300	29648.5	29.67	296.27	301	302.29	222525	3023330	8754.8	119153
4,400	30338	30.36	303.16	308	309.32	227700	3093640	8958.4	121924
4,500	31027.5	31.05	310.05	315	316.35	232875	3163950	9162	124695
4,600	31717	31.74	316.94	322	323.38	238050	3234260	9365.6	127466
4,700	32406.5	32.43	323.83	329	330.41	243225	3304570	9569.2	130237
4,800	33096	33.12	330.72	336	337.44	248400	3374880	9772.8	133008
4,900	33785.5	33.81	337.61	343	344.47	253575	3445190	9976.4	135779
5,000	34475	34.5	344.5	350	351.5	258750	3515500	10180	138550
5,500	37922.5	37.95	378.95	385	386.65	284625	3867050	11198	152405
6,000	41370	41.4	413.4	420	421.8	310500	4218600	12216	166260
6,500	44817.5	44.85	447.85	455	456.95	336375	4570150	13234	180115
7,000	48265	48.3	482.3	490	492.1	362250	4921700	14252	193970
7,500	51712.5	51.75	516.75	525	527.25	388125	5273250	15270	207825
8,000	55160	55.2	551.2	560	562.4	414000	5624800	16288	221680
8,500	58607.5	58.65	585.65	595	597.55	439875	5976350	17306	235535
9,500	65502.5	65.55	654.55	665	667.85	491625	6679450	19342	263245
10,000	68950	69	689	700	703	517500	7031000	20360	277100
10,500	72397.5	72.45	723.45	735	738.15	543375	7382550	21378	290955
11,000	75845	75.9	757.9	770	773.3	569250	7734100	22396	304810
11,500	79292.5	79.35	792.35	805	808.45	595125	8085650	23414	318665
12,000	82740	82.8	826.8	840	843.6	621000	8437200	24432	332520
12,500	86187.5	86.25	861.25	875	878.75	646875	8788750	25450	346375
13,000	89635	89.7	895.7	910	913.9	672750	9140300	26468	360230
13,500	93082.5	93.15	930.15	945	949.05	698625	9491850	27486	374085
14,000	96530	96.6	964.6	980	984.2	724500	9843400	28504	387940
14,500	99977.5	100.05	999.05	1015	1019.35	750375	1E+07	29522	401795
15,000	103425	103.5	1033.5	1050	1054.5	776250	1.1E+07	30540	415650
15,500	106873	106.95	1067.95	1085	1089.65	802125	1.1E+07	31558	429505

CONVERSION FACTORS

NOTE:

CONVERSION FACTORS

ROUNDED

kPa = 6.895xPSI

Mpa = 0.0069xPSI

bar = 0.068xPSI

kgf/cm² = 0.07xPSI

kg/cm² = 0.0703xPSI

mm/Hg = 51.75xPSI

mm/H₂O = 703.1xPSI

in/Hg = 2.036xPSI

in/H₂O = 27.71xPSI