

PRESSURE CONVERSION TABLE

Conversion Factors							
kPa	lb/in ²	kg/cm ²	Bar	Water 15°C		Mercury 0°C	
				meter	feet	mm	inches
1	0.145	0.0102	0.01	0.102	0.335	7.501	0.295
6.895	1	0.0703	0.0689	0.703	2.307	51.71	2.036
98.07	14.22	1	0.98	10.0	32.81	735.6	28.96
100	14.51	1.0204	1	10.213	33.51	750.6	29.55
9.789	1.420	0.1	0.0999	1	3.284	73.55	2.896
2.984	0.433	0.031	0.0298	0.305	1	22.38	0.881
0.133	0.019	0.0014	0.00133	0.014	0.045	1	0.039
3.386	0.419	0.035	0.03384	0.346	1.135	25.4	1

kPa		lb/in ²	kPa		lb/in ²	kPa		lb/in ²
0.69	0.1	0.015	1034	150	21.75	15169	2200	319
1.00	0.145	0.021	1207	175	25.38	16548	2400	348
1.38	0.2	0.029	1379	200	29.00	17927	2600	377
2.07	0.3	0.044	1551	225	32.63	19306	2800	406
2.76	0.4	0.058	1724	250	36.25	20685	3000	435
3.45	0.5	0.073	1896	275	39.88	22064	3200	464
4.14	0.6	0.087	2069	300	43.50	23443	3400	493
4.83	0.7	0.102	2241	325	47.13	24822	3600	522
5.52	0.8	0.116	2413	350	50.75	26201	3800	551
6.21	0.9	0.131	2586	375	54.38	27508	4000	580
6.895	1	0.145	2758	400	58.00	28959	4200	609
13.79	2	0.290	2930	425	61.63	30338	4400	638
20.69	3	0.435	3103	450	65.25	31717	4600	667
27.58	4	0.580	3275	475	68.88	33096	4800	696
34.48	5	0.725	3448	500	72.50	34475	5000	725
41.73	6	0.870	3620	525	76.13	35854	5200	754
47.54	6.895	1.000	3792	550	79.75	37233	5400	783
48.27	7	1.020	3965	575	83.38	38612	5600	812
55.16	8	1.160	4137	600	87.00	39991	5800	841
62.06	9	1.310	4309	625	90.63	41370	6000	870
68.95	10	1.450	4482	650	94.25	42749	6200	899
103.40	15	2.180	4654	675	97.88	44128	6400	928
137.90	20	2.900	4827	700	101.50	45507	6600	957
172.40	25	3.630	4999	725	105.10	46886	6800	986
206.90	30	4.350	5171	750	108.80	48265	7000	1015
241.30	35	5.080	5344	775	112.40	49644	7200	1044
275.80	40	5.800	5516	800	116.00	51023	7400	1073
310.30	45	6.530	5688	825	119.60	52402	7600	1102
344.80	50	7.250	5861	850	123.30	53781	7800	1131
379.20	55	7.800	6033	875	126.90	55160	8000	1160
413.70	60	8.700	6206	900	130.50	56539	8200	1189
448.20	65	9.430	6378	925	134.10	57918	8400	1218
482.70	70	10.150	6550	950	137.80	59297	8600	1247
517.10	75	10.880	6723	975	141.40	60676	8800	1276
551.60	80	11.600	6895	1000	145.00	62055	9000	1305
586.10	85	12.330	8274	1200	174.00	63434	9200	1334
620.60	90	13.050	9653	1400	203.00	64813	9400	1363
655.00	95	13.780	11032	1600	232.00	66192	9600	1392
689.50	100	14.500	12411	1800	261.00	67571	9800	1421
861.90	125	18.130	13790	2000	290.00	68950	10000	1450