

Pressure Conversion Table

DATA SHEET #300

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REPLACES:
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ELY ENERGY, INC.

(ABSOLUTE PRESSURES)

Find the known pressure to be converted in the red column. Then read the kilograms per square centimeter (kg/cm²) conversion to the left and pound per square inch (psi) to the right.
e.g. 1.8983 27 384.03 27 kg/cm² = 384.03 psi 27 psi = 1.8983 kg/cm²

kg/cm ²		psi	kg/cm ²		psi	kg/cm ²		psi	kg/cm ²		psi
0	0	0									
0.0703	1	14.223	5.3433	76	1081.0	10.546	151	2147.7	15.889	226	3214.5
0.1406	2	28.447	5.4137	77	1095.2	10.616	152	2162.0	15.960	227	3228.7
0.2109	3	42.670	5.4840	78	1109.4	10.687	153	2176.2	16.030	228	3243.0
0.2812	4	56.893	5.5543	79	1123.6	10.757	154	2190.4	16.100	229	3257.2
0.3515	5	71.117	5.6246	80	1137.9	10.827	155	2204.5	16.171	230	3271.4
0.4218	6	85.340	5.6949	81	1152.1	10.898	156	2218.9	16.241	231	3285.6
0.4922	7	99.563	5.7652	82	1166.3	10.968	157	2233.1	16.311	232	3299.8
0.5625	8	113.79	5.8355	83	1180.5	11.038	158	2247.3	16.382	233	3314.1
0.6328	9	128.01	5.9058	84	1194.8	11.179	159	2261.5	16.452	234	3328.3
0.7031	10	142.23	5.9761	85	1209.0	11.249	160	2275.7	16.522	235	3342.5
0.7734	11	158.46	6.0464	86	1223.2	11.319	161	2290.0	16.593	236	3356.7
0.8437	12	170.68	6.1167	87	1237.4	11.390	162	2304.2	16.663	237	3370.7
0.9140	13	184.90	6.1870	88	1251.7	11.460	163	2318.4	16.733	238	3385.2
0.9843	14	199.13	6.2573	89	1265.9	11.530	164	2332.6	16.803	239	3399.4
1.0946	15	213.35	6.3276	90	1280.1	11.601	165	2346.9	16.874	240	3413.6
1.1749	16	227.57	6.3980	91	1294.3	11.671	166	2361.1	16.944	241	3427.9
1.1952	17	241.60	6.4683	92	1308.5	11.741	167	2375.3	17.014	242	3442.1
1.2655	18	256.02	6.5386	93	1322.8	11.812	168	2389.5	17.085	243	3456.3
1.3358	19	270.24	6.6089	94	1337.0	11.882	169	2403.8	17.155	244	3470.5
1.4001	20	284.47	6.6792	95	1351.2	11.952	170	2418.0	17.225	245	3484.8
1.4765	21	298.69	6.7495	96	1365.4	12.022	171	2432.2	17.296	246	3499.0
1.5468	22	312.91	6.8198	97	1379.7	12.093	172	2446.4	17.366	247	3513.2
1.6171	23	327.14	6.8901	98	1393.9	12.163	173	2460.7	17.436	248	3527.4
1.6824	24	341.36	6.9640	99	1408.1	12.233	174	2474.9	17.506	249	3541.6
1.7977	25	335.58	7.0307	100	1422.3	12.304	175	2489.1	17.577	250	3555.9
1.8780	26	369.81	7.1010	101	1436.5	12.374	176	2503.3	17.647	251	3570.1
1.8983	27	384.03	7.1713	102	1450.8	12.444	177	2517.5	17.717	252	3584.3
1.9686	28	398.25	7.2416	103	1465.0	12.515	178	2531.8	17.788	253	3598.5
2.0389	29	412.48	7.3119	104	1479.2	12.585	179	2546.0	17.858	254	3612.8
2.1092	30	426.70	7.3822	105	1493.5	12.655	180	2560.2	17.928	255	3627.0
2.1799	31	440.92	7.4525	106	1507.7	12.726	181	2574.4	17.999	256	3641.2
2.2498	32	455.15	7.5229	107	1521.8	12.796	182	2588.7	18.069	257	3655.4
2.3201	33	469.37	7.5932	108	1536.1	12.866	183	2602.9	18.139	258	3669.7
2.3904	34	483.59	7.6635	109	1550.4	12.938	184	2617.1	18.210	259	3683.9
2.4608	35	497.82	7.7338	110	1564.6	13.008	185	2631.3	18.280	260	3698.1
2.5311	36	512.04	7.8041	111	1570.7	13.077	186	2645.6	18.350	261	3712.3
2.6014	37	526.26	7.8744	112	1593.0	13.147	187	2659.8	18.420	262	3726.6
2.6717	38	540.49	7.9447	113	1607.3	13.218	188	2674.0	18.491	263	3740.8
2.7420	39	554.71	8.0150	114	1621.5	13.288	189	2688.2	18.561	264	3755.0
2.8123	40	568.93	8.0853	115	1635.7	13.358	190	2702.5	18.631	265	3769.2
2.8826	41	583.16	8.1556	116	1649.9	13.429	191	2716.7	18.702	266	3783.4
2.9529	42	597.38	8.2259	117	1664.1	13.500	192	2730.9	18.772	267	3797.7
3.0232	43	611.60	8.2962	118	1678.4	13.529	193	2745.1	18.842	268	3811.9
3.0935	44	625.83	8.3665	119	1692.6	13.640	194	2759.3	18.913	269	3826.1
3.1638	45	640.05	8.4368	120	1706.8	13.710	195	2773.5	18.983	270	3840.3
3.2341	46	654.27	8.5071	121	1721.0	13.780	196	2787.8	19.053	271	3854.6
3.3044	47	668.50	8.5775	122	1735.3	13.850	197	2802.0	19.124	272	3868.8

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kg/cm ²		psi	kg/cm ²		psi	kg/cm ²		psi	kg/cm ²		psi
3.3747	48	682.72	8.6478	123	1749.5	13.921	198	2816.2	19.194	273	3883.0
3.4451	49	696.94	8.7101	124	1763.7	13.991	199	2830.4	19.264	274	3897.2
3.5154	50	711.17	8.7884	125	1777.9	14.061	200	2844.7	19.334	275	3911.5
3.5857	51	725.39	8.8587	126	1792.2	14.132	201	2858.9	19.405	276	3925.7
3.6560	52	739.61	8.9290	127	1806.4	14.202	202	2873.1	19.475	277	3939.9
3.7263	53	753.84	8.9993	128	1820.6	14.272	203	2887.3	19.545	278	3954.1
3.7966	54	768.06	9.0696	129	1834.8	14.343	204	2901.6	19.616	279	3968.4
3.8669	55	782.28	9.1399	130	1849.1	14.413	205	2915.8	19.690	280	3982.6
3.9372	56	796.51	9.2102	131	1863.3	14.483	206	2930.0	19.756	281	3996.8
4.0075	57	810.73	9.2805	132	1877.5	14.554	207	2944.3	19.827	282	4011.0
4.0778	58	824.95	9.3508	133	1891.7	14.624	208	2958.5	19.897	283	4025.3
4.1481	59	839.18	9.4211	134	1905.9	14.694	209	2972.7	19.967	284	4039.5
4.2184	60	853.40	9.4914	135	1920.2	14.764	210	2986.9	20.037	285	4053.7
4.2887	61	867.62	9.5618	136	1934.4	14.835	211	3001.1	20.107	286	4067.9
4.3590	62	881.85	9.6321	137	1948.6	14.905	212	3015.3	20.178	287	4082.1
4.4294	63	896.07	9.7024	138	1962.8	14.975	213	3029.6	20.248	288	4096.1
4.4997	64	910.29	9.7727	139	1977.1	15.046	214	3043.8	20.319	289	4110.6
4.5700	65	924.52	9.8430	140	1991.3	15.116	215	3058.0	20.389	290	4124.8
4.6402	66	938.74	9.9133	141	2005.5	15.186	216	3072.3	20.459	291	4139.0
4.7106	67	952.96	9.9836	142	2019.7	15.257	217	3086.5	20.530	292	4153.3
4.7809	68	967.19	10.054	143	2034.0	15.327	218	3100.7	20.600	293	4167.5
4.8512	69	981.41	10.124	144	2048.2	15.397	219	3114.9	20.670	294	4181.7
4.9215	70	995.63	10.195	145	2062.4	15.468	220	3129.1	20.741	295	4195.9
4.9918	71	1009.9	10.265	146	2076.6	15.538	221	3143.4	20.811	296	4210.2
5.0621	72	1024.1	10.335	147	2090.9	15.608	222	3157.6	20.881	297	4224.4
5.1324	73	1038.3	10.405	148	2105.1	15.678	223	3171.8	20.951	298	4238.6
5.2027	74	1052.5	10.478	149	2119.3	15.749	224	3186.1	21.022	299	4252.8
5.2730	75	1066.8	10.546	150	2133.5	15.819	225	3200.3	21.092	300	4267.1

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