

The table below can be used to convert between commonly used vacuum units:

<i>% Vacuum</i>	<i>Torr (mm Mercury)</i>	<i>Micron</i>	<i>psia, (lb/in<sup>2</sup> abs)</i>	<i>Inches Mercury Absolute</i>	<i>Inches Mercury Gauge</i>	<i>kPa abs</i>
0	760	760,000	14.7	29.92	0	101.4
1.3	750	750,000	14.5	29.5	0.42	99.9
1.9	735.6	735,600	14.2	28.9	1.02	97.7
7.9	700	700,000	13.5	27.6	2.32	93.5
21	600	600,000	11.6	23.6	6.32	79.9
34	500	500,000	9.7	19.7	10.22	66.7
47	400	400,000	7.7	15.7	14.22	53.2
50	380	380,000	7.3	15	14.92	50.8
61	300	300,000	5.8	11.8	18.12	40
74	200	200,000	3.9	7.85	22.07	26.6
87	100	100,000	1.93	3.94	25.98	13.3
88	90	90,000	1.74	3.54	26.38	12
89.5	80	80,000	1.55	3.15	26.77	10.7
90.8	70	70,000	1.35	2.76	27.16	9.3
92.1	60	60,000	1.16	2.36	27.56	8
93	51.7	51,700	1	2.03	27.89	6.9
93.5	50	50,000	0.97	1.97	27.95	6.7
94.8	40	40,000	0.77	1.57	28.35	5.3
96.1	30	30,000	0.58	1.18	28.74	4
96.6	25.4	25,400	0.49	1	28.92	3.4
97.4	20	20,000	0.39	0.785	29.14	2.7
98.7	10	10,000	0.193	0.394	29.53	1.3
99	7.6	7,600	0.147	0.299	29.62	1
99.87	1	1,000	0.01934	0.03937	29.88	0.13
99.9	0.75	750	0.0145	0.0295	29.89	0.1
99.99	0.1	100	0.00193	0.00394	29.916	0.013
99.999	0.01	10	0.000193	0.000394	29.9196	0.0013
100	0	0	0	0	29.92	0

1 psi (lb/in<sup>2</sup>) = 6,894.8 Pa (N/m<sup>2</sup>) = 6.895x10<sup>-3</sup> N/mm<sup>2</sup> = 6.895x10<sup>-2</sup> bar