

**ABSOLUTE PRESSURE CONVERSIONS  
AND PRESSURE EQUIVALENTS**

ABSOLUTE PRESSURE (1)									GAGE PRESSURE (2)	
cm of Hg	Torr or mm of Hg	Micron	Atmosphere	lb/in <sup>2</sup>	ton/ft <sup>2</sup>	gram/cm <sup>2</sup>	ft. of H <sub>2</sub> O	in of Hg	lb/in <sup>2</sup> (psi)	in of Hg
76	760	760000	1.0	14.70	1.06	1033	33.9	29.9	0.00	0.00
70	700	700000	0.921	13.53	0.975	952	31.2	27.6	1.16	2.36
60	600	600000	0.790	11.60	0.835	816	26.8	23.6	3.10	6.30
50	500	500000	0.659	9.67	0.696	680	22.3	19.7	5.03	10.2
40	400	400000	0.526	7.74	0.557	545	17.8	15.7	6.97	14.2
30	300	300000	0.395	5.80	0.417	408	13.4	11.8	8.90	18.1
20	200	200000	0.263	3.87	0.287	272	8.92	7.87	10.8	22.0
10	100	100000	0.132	1.94	0.139	136	4.46	3.94	12.80	26.0
5	50	50000	0.066	0.967	0.070	68.0	2.23	1.97	13.7	27.9
1	10	10000	0.013	0.194	0.014	13.6	0.446	0.394	14.5	29.5
0.1	1	1000	0.001	0.019	0.001	1.36	0.045	0.039	14.68	29.88
0	0	0	0	0	0	0	0	0	14.70	29.92

(1) Positive pressure measured from absolute zero.

(2) Negative pressure (or vacuum) measured from atmospheric pressure.

**PRESSURE EQUIVALENTS**

Millitorr, or Micron	Torr	mm of Hg
1000	= 1.0	= 10 <sup>0</sup>
100	= 0.1	= 10 <sup>1</sup>
10	= 0.01	= 10 <sup>2</sup>
1	= 0.001	= 10 <sup>3</sup>
0.5	= 0.0005	= 5 x 10 <sup>-4</sup>
0.1	= 0.0001	= 1
0.01	= 0.00001	= 10 <sup>-5</sup>
0.001	= 0.000001	= 10 <sup>-6</sup>