



Vacuum Measurement Conversion Static Table

| Torr (scientific) | Torr (decimal) | micron | mTorr (millitorr) | mbar (millibar) | Pa (Pascal) | kPa (kilopascal) | atm (atmosphere) | bar | PSI (pound-force per square inch) | mm Hg (millimeters of mercury) | in Hg (inch of mercury) | in H2O (inch of water) |
|-----------------------------|--------------------------|---------------|-----------------------------|---------------------------|-----------------------|----------------------------|----------------------------|------------|---|--|-----------------------------------|----------------------------------|
| 1.0E+04 | 10,000 | 10,000,000 | 10,000,000 | 1.3E+04 | 1.3E+06 | 1.3E+03 | 1.3E+01 | 1.3E+01 | 1.9E+02 | 1.0E+04 | 3.9E+02 | 5.4E+03 |
| 9.0E+03 | 9,000 | 9,000,000 | 9,000,000 | 1.2E+04 | 1.2E+06 | 1.2E+03 | 1.2E+01 | 1.2E+01 | 1.7E+02 | 9.0E+03 | 3.5E+02 | 4.8E+03 |
| 8.0E+03 | 8,000 | 8,000,000 | 8,000,000 | 1.1E+04 | 1.1E+06 | 1.1E+03 | 1.1E+01 | 1.1E+01 | 1.5E+02 | 8.0E+03 | 3.1E+02 | 4.3E+03 |
| 7.0E+03 | 7,000 | 7,000,000 | 7,000,000 | 9.3E+03 | 9.3E+05 | 9.3E+02 | 9.2E+00 | 9.3E+00 | 1.4E+02 | 7.0E+03 | 2.8E+02 | 3.8E+03 |
| 6.0E+03 | 6,000 | 6,000,000 | 6,000,000 | 8.0E+03 | 8.0E+05 | 8.0E+02 | 7.9E+00 | 8.0E+00 | 1.2E+02 | 6.0E+03 | 2.4E+02 | 3.2E+03 |
| 5.0E+03 | 5,000 | 5,000,000 | 5,000,000 | 6.7E+03 | 6.7E+05 | 6.7E+02 | 6.6E+00 | 6.7E+00 | 9.7E+01 | 5.0E+03 | 2.0E+02 | 2.7E+03 |
| 4.0E+03 | 4,000 | 4,000,000 | 4,000,000 | 5.3E+03 | 5.3E+05 | 5.3E+02 | 5.3E+00 | 5.3E+00 | 7.7E+01 | 4.0E+03 | 1.6E+02 | 2.1E+03 |
| 3.0E+03 | 3,000 | 3,000,000 | 3,000,000 | 4.0E+03 | 4.0E+05 | 4.0E+02 | 3.9E+00 | 4.0E+00 | 5.8E+01 | 3.0E+03 | 1.2E+02 | 1.6E+03 |
| 2.0E+03 | 2,000 | 2,000,000 | 2,000,000 | 2.7E+03 | 2.7E+05 | 2.7E+02 | 2.6E+00 | 2.7E+00 | 3.9E+01 | 2.0E+03 | 7.9E+01 | 1.1E+03 |
| 1.0E+03 | 1,000 | 1,000,000 | 1,000,000 | 1.3E+03 | 1.3E+05 | 1.3E+02 | 1.3E+00 | 1.3E+00 | 1.9E+01 | 1.0E+03 | 3.9E+01 | 5.4E+02 |
| 9.0E+02 | 900 | 900,000 | 900,000 | 1.2E+03 | 1.2E+05 | 1.2E+02 | 1.2E+00 | 1.2E+00 | 1.7E+01 | 9.0E+02 | 3.5E+01 | 4.8E+02 |
| 8.0E+02 | 800 | 800,000 | 800,000 | 1.1E+03 | 1.1E+05 | 1.1E+02 | 1.1E+00 | 1.1E+00 | 1.5E+01 | 8.0E+02 | 3.1E+01 | 4.3E+02 |
| 7.0E+02 | 700 | 700,000 | 700,000 | 9.3E+02 | 9.3E+04 | 9.3E+01 | 9.2E-01 | 9.3E-01 | 1.4E+01 | 7.0E+02 | 2.8E+01 | 3.8E+02 |
| 6.0E+02 | 600 | 600,000 | 600,000 | 8.0E+02 | 8.0E+04 | 8.0E+01 | 7.9E-01 | 8.0E-01 | 1.2E+01 | 6.0E+02 | 2.4E+01 | 3.2E+02 |
| 5.0E+02 | 500 | 500,000 | 500,000 | 6.7E+02 | 6.7E+04 | 6.7E+01 | 6.6E-01 | 6.7E-01 | 9.7E+00 | 5.0E+02 | 2.0E+01 | 2.7E+02 |
| 4.0E+02 | 400 | 400,000 | 400,000 | 5.3E+02 | 5.3E+04 | 5.3E+01 | 5.3E-01 | 5.3E-01 | 7.7E+00 | 4.0E+02 | 1.6E+01 | 2.1E+02 |
| 3.0E+02 | 300 | 300,000 | 300,000 | 4.0E+02 | 4.0E+04 | 4.0E+01 | 3.9E-01 | 4.0E-01 | 5.8E+00 | 3.0E+02 | 1.2E+01 | 1.6E+02 |
| 2.0E+02 | 200 | 200,000 | 200,000 | 2.7E+02 | 2.7E+04 | 2.7E+01 | 2.6E-01 | 2.7E-01 | 3.9E+00 | 2.0E+02 | 7.9E+00 | 1.1E+02 |
| 1.0E+02 | 100 | 100,000 | 100,000 | 1.3E+02 | 1.3E+04 | 1.3E+01 | 1.3E-01 | 1.3E-01 | 1.9E+00 | 1.0E+02 | 3.9E+00 | 5.4E+01 |
| 9.0E+01 | 90 | 90,000 | 90,000 | 1.2E+02 | 1.2E+04 | 1.2E+01 | 1.2E-01 | 1.2E-01 | 1.7E+00 | 9.0E+01 | 3.5E+00 | 4.8E+01 |
| 8.0E+01 | 80 | 80,000 | 80,000 | 1.1E+02 | 1.1E+04 | 1.1E+01 | 1.1E-01 | 1.1E-01 | 1.5E+00 | 8.0E+01 | 3.1E+00 | 4.3E+01 |
| 7.0E+01 | 70 | 70,000 | 70,000 | 9.3E+01 | 9.3E+03 | 9.3E+00 | 9.2E-02 | 9.3E-02 | 1.4E+00 | 7.0E+01 | 2.8E+00 | 3.8E+01 |
| 6.0E+01 | 60 | 60,000 | 60,000 | 8.0E+01 | 8.0E+03 | 8.0E+00 | 7.9E-02 | 8.0E-02 | 1.2E+00 | 6.0E+01 | 2.4E+00 | 3.2E+01 |
| 5.0E+01 | 50 | 50,000 | 50,000 | 6.7E+01 | 6.7E+03 | 6.7E+00 | 6.6E-02 | 6.7E-02 | 9.7E-01 | 5.0E+01 | 2.0E+00 | 2.7E+01 |
| 4.0E+01 | 40 | 40,000 | 40,000 | 5.3E+01 | 5.3E+03 | 5.3E+00 | 5.3E-02 | 5.3E-02 | 7.7E-01 | 4.0E+01 | 1.6E+00 | 2.1E+01 |
| 3.0E+01 | 30 | 30,000 | 30,000 | 4.0E+01 | 4.0E+03 | 4.0E+00 | 3.9E-02 | 4.0E-02 | 5.8E-01 | 3.0E+01 | 1.2E+00 | 1.6E+01 |
| 2.0E+01 | 20 | 20,000 | 20,000 | 2.7E+01 | 2.7E+03 | 2.7E+00 | 2.6E-02 | 2.7E-02 | 3.9E-01 | 2.0E+01 | 7.9E-01 | 1.1E+01 |
| 1.0E+01 | 10 | 10,000 | 10,000 | 1.3E+01 | 1.3E+03 | 1.3E+00 | 1.3E-02 | 1.3E-02 | 1.9E-01 | 1.0E+01 | 3.9E-01 | 5.4E+00 |
| 9.0E+00 | 9 | 9,000 | 9,000 | 1.2E+01 | 1.2E+03 | 1.2E+00 | 1.2E-02 | 1.2E-02 | 1.7E-01 | 9.0E+00 | 3.5E-01 | 4.8E+00 |
| 8.0E+00 | 8 | 8,000 | 8,000 | 1.1E+01 | 1.1E+03 | 1.1E+00 | 1.1E-02 | 1.1E-02 | 1.5E-01 | 8.0E+00 | 3.1E-01 | 4.3E+00 |
| 7.0E+00 | 7 | 7,000 | 7,000 | 9.3E+00 | 9.3E+02 | 9.3E-01 | 9.2E-03 | 9.3E-03 | 1.4E-01 | 7.0E+00 | 2.8E-01 | 3.8E+00 |
| 6.0E+00 | 6 | 6,000 | 6,000 | 8.0E+00 | 8.0E+02 | 8.0E-01 | 7.9E-03 | 8.0E-03 | 1.2E-01 | 6.0E+00 | 2.4E-01 | 3.2E+00 |
| 5.0E+00 | 5 | 5,000 | 5,000 | 6.7E+00 | 6.7E+02 | 6.7E-01 | 6.6E-03 | 6.7E-03 | 9.7E-02 | 5.0E+00 | 2.0E-01 | 2.7E+00 |
| 4.0E+00 | 4 | 4,000 | 4,000 | 5.3E+00 | 5.3E+02 | 5.3E-01 | 5.3E-03 | 5.3E-03 | 7.7E-02 | 4.0E+00 | 1.6E-01 | 2.1E+00 |
| 3.0E+00 | 3 | 3,000 | 3,000 | 4.0E+00 | 4.0E+02 | 4.0E-01 | 3.9E-03 | 4.0E-03 | 5.8E-02 | 3.0E+00 | 1.2E-01 | 1.6E+00 |

| Torr (scientific) | Torr (decimal) | micron | mTorr (millitorr) | mbar (millibar) | Pa (Pascal) | kPa (kilopascal) | atm (atmosphere) | bar | PSI (pound-force per square inch) | mm Hg (millimeters of mercury) | in Hg (inch of mercury) | in H2O (inch of water) |
|-----------------------------|--------------------------|---------------|-----------------------------|---------------------------|-----------------------|----------------------------|----------------------------|------------|---|--|-----------------------------------|----------------------------------|
| 2.0E+00 | 2 | 2,000 | 2,000 | 2.7E+00 | 2.7E+02 | 2.7E-01 | 2.6E-03 | 2.7E-03 | 3.9E-02 | 2.0E+00 | 7.9E-02 | 1.1E+00 |
| 1.0E+00 | 1 | 1,000 | 1,000 | 1.3E+00 | 1.3E+02 | 1.3E-01 | 1.3E-03 | 1.3E-03 | 1.9E-02 | 1.0E+00 | 3.9E-02 | 5.4E-01 |
| 9.0E-01 | 0.900 | 900 | 900 | 1.2E+00 | 1.2E+02 | 1.2E-01 | 1.2E-03 | 1.2E-03 | 1.7E-02 | 9.0E-01 | 3.5E-02 | 4.8E-01 |
| 8.0E-01 | 0.800 | 800 | 800 | 1.1E+00 | 1.1E+02 | 1.1E-01 | 1.1E-03 | 1.1E-03 | 1.5E-02 | 8.0E-01 | 3.1E-02 | 4.3E-01 |
| 7.0E-01 | 0.700 | 700 | 700 | 9.3E-01 | 9.3E+01 | 9.3E-02 | 9.2E-04 | 9.3E-04 | 1.4E-02 | 7.0E-01 | 2.8E-02 | 3.8E-01 |
| 6.0E-01 | 0.600 | 600 | 600 | 8.0E-01 | 8.0E+01 | 8.0E-02 | 7.9E-04 | 8.0E-04 | 1.2E-02 | 6.0E-01 | 2.4E-02 | 3.2E-01 |
| 5.0E-01 | 0.500 | 500 | 500 | 6.7E-01 | 6.7E+01 | 6.7E-02 | 6.6E-04 | 6.7E-04 | 9.7E-03 | 5.0E-01 | 2.0E-02 | 2.7E-01 |
| 4.0E-01 | 0.400 | 400 | 400 | 5.3E-01 | 5.3E+01 | 5.3E-02 | 5.3E-04 | 5.3E-04 | 7.7E-03 | 4.0E-01 | 1.6E-02 | 2.1E-01 |
| 3.0E-01 | 0.300 | 300 | 300 | 4.0E-01 | 4.0E+01 | 4.0E-02 | 3.9E-04 | 4.0E-04 | 5.8E-03 | 3.0E-01 | 1.2E-02 | 1.6E-01 |
| 2.0E-01 | 0.200 | 200 | 200 | 2.7E-01 | 2.7E+01 | 2.7E-02 | 2.6E-04 | 2.7E-04 | 3.9E-03 | 2.0E-01 | 7.9E-03 | 1.1E-01 |
| 1.0E-01 | 0.100 | 100 | 100 | 1.3E-01 | 1.3E+01 | 1.3E-02 | 1.3E-04 | 1.3E-04 | 1.9E-03 | 1.0E-01 | 3.9E-03 | 5.4E-02 |
| 9.0E-02 | 0.090 | 90 | 90 | 1.2E-01 | 1.2E+01 | 1.2E-02 | 1.2E-04 | 1.2E-04 | 1.7E-03 | 9.0E-02 | 3.5E-03 | 4.8E-02 |
| 8.0E-02 | 0.080 | 80 | 80 | 1.1E-01 | 1.1E+01 | 1.1E-02 | 1.1E-04 | 1.1E-04 | 1.5E-03 | 8.0E-02 | 3.1E-03 | 4.3E-02 |
| 7.0E-02 | 0.070 | 70 | 70 | 9.3E-02 | 9.3E+00 | 9.3E-03 | 9.2E-05 | 9.3E-05 | 1.4E-03 | 7.0E-02 | 2.8E-03 | 3.8E-02 |
| 6.0E-02 | 0.060 | 60 | 60 | 8.0E-02 | 8.0E+00 | 8.0E-03 | 7.9E-05 | 8.0E-05 | 1.2E-03 | 6.0E-02 | 2.4E-03 | 3.2E-02 |
| 5.0E-02 | 0.050 | 50 | 50 | 6.7E-02 | 6.7E+00 | 6.7E-03 | 6.6E-05 | 6.7E-05 | 9.7E-04 | 5.0E-02 | 2.0E-03 | 2.7E-02 |
| 4.0E-02 | 0.040 | 40 | 40 | 5.3E-02 | 5.3E+00 | 5.3E-03 | 5.3E-05 | 5.3E-05 | 7.7E-04 | 4.0E-02 | 1.6E-03 | 2.1E-02 |
| 3.0E-02 | 0.030 | 30 | 30 | 4.0E-02 | 4.0E+00 | 4.0E-03 | 3.9E-05 | 4.0E-05 | 5.8E-04 | 3.0E-02 | 1.2E-03 | 1.6E-02 |
| 2.0E-02 | 0.020 | 20 | 20 | 2.7E-02 | 2.7E+00 | 2.7E-03 | 2.6E-05 | 2.7E-05 | 3.9E-04 | 2.0E-02 | 7.9E-04 | 1.1E-02 |
| 1.0E-02 | 0.010 | 10 | 10 | 1.3E-02 | 1.3E+00 | 1.3E-03 | 1.3E-05 | 1.3E-05 | 1.9E-04 | 1.0E-02 | 3.9E-04 | 5.4E-03 |
| 9.0E-03 | 0.009 | 9 | 9 | 1.2E-02 | 1.2E+00 | 1.2E-03 | 1.2E-05 | 1.2E-05 | 1.7E-04 | 9.0E-03 | 3.5E-04 | 4.8E-03 |
| 8.0E-03 | 0.008 | 8 | 8 | 1.1E-02 | 1.1E+00 | 1.1E-03 | 1.1E-05 | 1.1E-05 | 1.5E-04 | 8.0E-03 | 3.1E-04 | 4.3E-03 |
| 7.0E-03 | 0.007 | 7 | 7 | 9.3E-03 | 9.3E-01 | 9.3E-04 | 9.2E-06 | 9.3E-06 | 1.4E-04 | 7.0E-03 | 2.8E-04 | 3.8E-03 |
| 6.0E-03 | 0.006 | 6 | 6 | 8.0E-03 | 8.0E-01 | 8.0E-04 | 7.9E-06 | 8.0E-06 | 1.2E-04 | 6.0E-03 | 2.4E-04 | 3.2E-03 |
| 5.0E-03 | 0.005 | 5 | 5 | 6.7E-03 | 6.7E-01 | 6.7E-04 | 6.6E-06 | 6.7E-06 | 9.7E-05 | 5.0E-03 | 2.0E-04 | 2.7E-03 |
| 4.0E-03 | 0.004 | 4 | 4 | 5.3E-03 | 5.3E-01 | 5.3E-04 | 5.3E-06 | 5.3E-06 | 7.7E-05 | 4.0E-03 | 1.6E-04 | 2.1E-03 |
| 3.0E-03 | 0.003 | 3 | 3 | 4.0E-03 | 4.0E-01 | 4.0E-04 | 3.9E-06 | 4.0E-06 | 5.8E-05 | 3.0E-03 | 1.2E-04 | 1.6E-03 |
| 2.0E-03 | 0.002 | 2 | 2 | 2.7E-03 | 2.7E-01 | 2.7E-04 | 2.6E-06 | 2.7E-06 | 3.9E-05 | 2.0E-03 | 7.9E-05 | 1.1E-03 |
| 1.0E-03 | 0.001 | 1 | 1 | 1.3E-03 | 1.3E-01 | 1.3E-04 | 1.3E-06 | 1.3E-06 | 1.9E-05 | 1.0E-03 | 3.9E-05 | 5.4E-04 |
| 9.0E-04 | 0.000900 | 0.9 | 0.9 | 1.2E-03 | 1.2E-01 | 1.2E-04 | 1.2E-06 | 1.2E-06 | 1.7E-05 | 9.0E-04 | 3.5E-05 | 4.8E-04 |
| 8.0E-04 | 0.000800 | 0.8 | 0.8 | 1.1E-03 | 1.1E-01 | 1.1E-04 | 1.1E-06 | 1.1E-06 | 1.5E-05 | 8.0E-04 | 3.1E-05 | 4.3E-04 |
| 7.0E-04 | 0.000700 | 0.7 | 0.7 | 9.3E-04 | 9.3E-02 | 9.3E-05 | 9.2E-07 | 9.3E-07 | 1.4E-05 | 7.0E-04 | 2.8E-05 | 3.8E-04 |
| 6.0E-04 | 0.000600 | 0.6 | 0.6 | 8.0E-04 | 8.0E-02 | 8.0E-05 | 7.9E-07 | 8.0E-07 | 1.2E-05 | 6.0E-04 | 2.4E-05 | 3.2E-04 |
| 5.0E-04 | 0.000500 | 0.5 | 0.5 | 6.7E-04 | 6.7E-02 | 6.7E-05 | 6.6E-07 | 6.7E-07 | 9.7E-06 | 5.0E-04 | 2.0E-05 | 2.7E-04 |
| 4.0E-04 | 0.000400 | 0.4 | 0.4 | 5.3E-04 | 5.3E-02 | 5.3E-05 | 5.3E-07 | 5.3E-07 | 7.7E-06 | 4.0E-04 | 1.6E-05 | 2.1E-04 |

| Torr (scientific) | Torr (decimal) | micron | mTorr (millitorr) | mbar (millibar) | Pa (Pascal) | kPa (kilopascal) | atm (atmosphere) | bar | PSI (pound-force per square inch) | mm Hg (millimeters of mercury) | in Hg (inch of mercury) | in H2O (inch of water) |
|-----------------------------|--------------------------|---------------|-----------------------------|---------------------------|-----------------------|----------------------------|----------------------------|------------|---|--|-----------------------------------|----------------------------------|
| 3.0E-04 | 0.000300 | 0.3 | 0.3 | 4.0E-04 | 4.0E-02 | 4.0E-05 | 3.9E-07 | 4.0E-07 | 5.8E-06 | 3.0E-04 | 1.2E-05 | 1.6E-04 |
| 2.0E-04 | 0.000200 | 0.2 | 0.2 | 2.7E-04 | 2.7E-02 | 2.7E-05 | 2.6E-07 | 2.7E-07 | 3.9E-06 | 2.0E-04 | 7.9E-06 | 1.1E-04 |
| 1.0E-04 | 0.000100 | 0.1 | 0.1 | 1.3E-04 | 1.3E-02 | 1.3E-05 | 1.3E-07 | 1.3E-07 | 1.9E-06 | 1.0E-04 | 3.9E-06 | 5.4E-05 |
| 9.0E-05 | 0.000090 | 0.09 | 0.09 | 1.2E-04 | 1.2E-02 | 1.2E-05 | 1.2E-07 | 1.2E-07 | 1.7E-06 | 9.0E-05 | 3.5E-06 | 4.8E-05 |
| 8.0E-05 | 0.000080 | 0.08 | 0.08 | 1.1E-04 | 1.1E-02 | 1.1E-05 | 1.1E-07 | 1.1E-07 | 1.5E-06 | 8.0E-05 | 3.1E-06 | 4.3E-05 |
| 7.0E-05 | 0.000070 | 0.07 | 0.07 | 9.3E-05 | 9.3E-03 | 9.3E-06 | 9.2E-08 | 9.3E-08 | 1.4E-06 | 7.0E-05 | 2.8E-06 | 3.8E-05 |
| 6.0E-05 | 0.000060 | 0.06 | 0.06 | 8.0E-05 | 8.0E-03 | 8.0E-06 | 7.9E-08 | 8.0E-08 | 1.2E-06 | 6.0E-05 | 2.4E-06 | 3.2E-05 |
| 5.0E-05 | 0.000050 | 0.05 | 0.05 | 6.7E-05 | 6.7E-03 | 6.7E-06 | 6.6E-08 | 6.7E-08 | 9.7E-07 | 5.0E-05 | 2.0E-06 | 2.7E-05 |
| 4.0E-05 | 0.000040 | 0.04 | 0.04 | 5.3E-05 | 5.3E-03 | 5.3E-06 | 5.3E-08 | 5.3E-08 | 7.7E-07 | 4.0E-05 | 1.6E-06 | 2.1E-05 |
| 3.0E-05 | 0.000030 | 0.03 | 0.03 | 4.0E-05 | 4.0E-03 | 4.0E-06 | 3.9E-08 | 4.0E-08 | 5.8E-07 | 3.0E-05 | 1.2E-06 | 1.6E-05 |
| 2.0E-05 | 0.000020 | 0.02 | 0.02 | 2.7E-05 | 2.7E-03 | 2.7E-06 | 2.6E-08 | 2.7E-08 | 3.9E-07 | 2.0E-05 | 7.9E-07 | 1.1E-05 |
| 1.0E-05 | 0.000010 | 0.01 | 0.01 | 1.3E-05 | 1.3E-03 | 1.3E-06 | 1.3E-08 | 1.3E-08 | 1.9E-07 | 1.0E-05 | 3.9E-07 | 5.4E-06 |
| 9.0E-06 | 0.000009 | 0.009 | 0.009 | 1.2E-05 | 1.2E-03 | 1.2E-06 | 1.2E-08 | 1.2E-08 | 1.7E-07 | 9.0E-06 | 3.5E-07 | 4.8E-06 |
| 8.0E-06 | 0.000008 | 0.008 | 0.008 | 1.1E-05 | 1.1E-03 | 1.1E-06 | 1.1E-08 | 1.1E-08 | 1.5E-07 | 8.0E-06 | 3.1E-07 | 4.3E-06 |
| 7.0E-06 | 0.000007 | 0.007 | 0.007 | 9.3E-06 | 9.3E-04 | 9.3E-07 | 9.2E-09 | 9.3E-09 | 1.4E-07 | 7.0E-06 | 2.8E-07 | 3.8E-06 |
| 6.0E-06 | 0.000006 | 0.006 | 0.006 | 8.0E-06 | 8.0E-04 | 8.0E-07 | 7.9E-09 | 8.0E-09 | 1.2E-07 | 6.0E-06 | 2.4E-07 | 3.2E-06 |
| 5.0E-06 | 0.000005 | 0.005 | 0.005 | 6.7E-06 | 6.7E-04 | 6.7E-07 | 6.6E-09 | 6.7E-09 | 9.7E-08 | 5.0E-06 | 2.0E-07 | 2.7E-06 |
| 4.0E-06 | 0.000004 | 0.004 | 0.004 | 5.3E-06 | 5.3E-04 | 5.3E-07 | 5.3E-09 | 5.3E-09 | 7.7E-08 | 4.0E-06 | 1.6E-07 | 2.1E-06 |
| 3.0E-06 | 0.000003 | 0.003 | 0.003 | 4.0E-06 | 4.0E-04 | 4.0E-07 | 3.9E-09 | 4.0E-09 | 5.8E-08 | 3.0E-06 | 1.2E-07 | 1.6E-06 |
| 2.0E-06 | 0.000002 | 0.002 | 0.002 | 2.7E-06 | 2.7E-04 | 2.7E-07 | 2.6E-09 | 2.7E-09 | 3.9E-08 | 2.0E-06 | 7.9E-08 | 1.1E-06 |
| 1.0E-06 | 0.000001 | 0.001 | 0.001 | 1.3E-06 | 1.3E-04 | 1.3E-07 | 1.3E-09 | 1.3E-09 | 1.9E-08 | 1.0E-06 | 3.9E-08 | 5.4E-07 |
| 9.0E-07 | 0.000000900 | 0.0009 | 0.0009 | 1.2E-06 | 1.2E-04 | 1.2E-07 | 1.2E-09 | 1.2E-09 | 1.7E-08 | 9.0E-07 | 3.5E-08 | 4.8E-07 |
| 8.0E-07 | 0.000000800 | 0.0008 | 0.0008 | 1.1E-06 | 1.1E-04 | 1.1E-07 | 1.1E-09 | 1.1E-09 | 1.5E-08 | 8.0E-07 | 3.1E-08 | 4.3E-07 |
| 7.0E-07 | 0.000000700 | 0.0007 | 0.0007 | 9.3E-07 | 9.3E-05 | 9.3E-08 | 9.2E-10 | 9.3E-10 | 1.4E-08 | 7.0E-07 | 2.8E-08 | 3.8E-07 |
| 6.0E-07 | 0.000000600 | 0.0006 | 0.0006 | 8.0E-07 | 8.0E-05 | 8.0E-08 | 7.9E-10 | 8.0E-10 | 1.2E-08 | 6.0E-07 | 2.4E-08 | 3.2E-07 |
| 5.0E-07 | 0.000000500 | 0.0005 | 0.0005 | 6.7E-07 | 6.7E-05 | 6.7E-08 | 6.6E-10 | 6.7E-10 | 9.7E-09 | 5.0E-07 | 2.0E-08 | 2.7E-07 |
| 4.0E-07 | 0.000000400 | 0.0004 | 0.0004 | 5.3E-07 | 5.3E-05 | 5.3E-08 | 5.3E-10 | 5.3E-10 | 7.7E-09 | 4.0E-07 | 1.6E-08 | 2.1E-07 |
| 3.0E-07 | 0.000000300 | 0.0003 | 0.0003 | 4.0E-07 | 4.0E-05 | 4.0E-08 | 3.9E-10 | 4.0E-10 | 5.8E-09 | 3.0E-07 | 1.2E-08 | 1.6E-07 |
| 2.0E-07 | 0.000000200 | 0.0002 | 0.0002 | 2.7E-07 | 2.7E-05 | 2.7E-08 | 2.6E-10 | 2.7E-10 | 3.9E-09 | 2.0E-07 | 7.9E-09 | 1.1E-07 |
| 1.0E-07 | 0.000000100 | 0.0001 | 0.0001 | 1.3E-07 | 1.3E-05 | 1.3E-08 | 1.3E-10 | 1.3E-10 | 1.9E-09 | 1.0E-07 | 3.9E-09 | 5.4E-08 |
| 9.0E-08 | 0.000000090 | 0.00009 | 0.00009 | 1.2E-07 | 1.2E-05 | 1.2E-08 | 1.2E-10 | 1.2E-10 | 1.7E-09 | 9.0E-08 | 3.5E-09 | 4.8E-08 |
| 8.0E-08 | 0.000000080 | 0.00008 | 0.00008 | 1.1E-07 | 1.1E-05 | 1.1E-08 | 1.1E-10 | 1.1E-10 | 1.5E-09 | 8.0E-08 | 3.1E-09 | 4.3E-08 |
| 7.0E-08 | 0.000000070 | 0.00007 | 0.00007 | 9.3E-08 | 9.3E-06 | 9.3E-09 | 9.2E-11 | 9.3E-11 | 1.4E-09 | 7.0E-08 | 2.8E-09 | 3.8E-08 |
| 6.0E-08 | 0.000000060 | 0.00006 | 0.00006 | 8.0E-08 | 8.0E-06 | 8.0E-09 | 7.9E-11 | 8.0E-11 | 1.2E-09 | 6.0E-08 | 2.4E-09 | 3.2E-08 |
| 5.0E-08 | 0.000000050 | 0.00005 | 0.00005 | 6.7E-08 | 6.7E-06 | 6.7E-09 | 6.6E-11 | 6.7E-11 | 9.7E-10 | 5.0E-08 | 2.0E-09 | 2.7E-08 |

| Torr (scientific) | Torr (decimal) | micron | mTorr (millitorr) | mbar (millibar) | Pa (Pascal) | kPa (kilopascal) | atm (atmosphere) | bar | PSI (pound-force per square inch) | mm Hg (millimeters of mercury) | in Hg (inch of mercury) | in H2O (inch of water) |
|-----------------------------|--------------------------|---------------|-----------------------------|---------------------------|-----------------------|----------------------------|----------------------------|------------|---|--|-----------------------------------|----------------------------------|
| 4.0E-08 | 0.000000040 | 0.00004 | 0.00004 | 5.3E-08 | 5.3E-06 | 5.3E-09 | 5.3E-11 | 5.3E-11 | 7.7E-10 | 4.0E-08 | 1.6E-09 | 2.1E-08 |
| 3.0E-08 | 0.000000030 | 0.00003 | 0.00003 | 4.0E-08 | 4.0E-06 | 4.0E-09 | 3.9E-11 | 4.0E-11 | 5.8E-10 | 3.0E-08 | 1.2E-09 | 1.6E-08 |
| 2.0E-08 | 0.000000020 | 0.00002 | 0.00002 | 2.7E-08 | 2.7E-06 | 2.7E-09 | 2.6E-11 | 2.7E-11 | 3.9E-10 | 2.0E-08 | 7.9E-10 | 1.1E-08 |
| 1.0E-08 | 0.000000010 | 0.00001 | 0.00001 | 1.3E-08 | 1.3E-06 | 1.3E-09 | 1.3E-11 | 1.3E-11 | 1.9E-10 | 1.0E-08 | 3.9E-10 | 5.4E-09 |
| 9.0E-09 | 0.000000009 | 0.000009 | 0.000009 | 1.2E-08 | 1.2E-06 | 1.2E-09 | 1.2E-11 | 1.2E-11 | 1.7E-10 | 9.0E-09 | 3.5E-10 | 4.8E-09 |
| 8.0E-09 | 0.000000008 | 0.000008 | 0.000008 | 1.1E-08 | 1.1E-06 | 1.1E-09 | 1.1E-11 | 1.1E-11 | 1.5E-10 | 8.0E-09 | 3.1E-10 | 4.3E-09 |
| 7.0E-09 | 0.000000007 | 0.000007 | 0.000007 | 9.3E-09 | 9.3E-07 | 9.3E-10 | 9.2E-12 | 9.3E-12 | 1.4E-10 | 7.0E-09 | 2.8E-10 | 3.8E-09 |
| 6.0E-09 | 0.000000006 | 0.000006 | 0.000006 | 8.0E-09 | 8.0E-07 | 8.0E-10 | 7.9E-12 | 8.0E-12 | 1.2E-10 | 6.0E-09 | 2.4E-10 | 3.2E-09 |
| 5.0E-09 | 0.000000005 | 0.000005 | 0.000005 | 6.7E-09 | 6.7E-07 | 6.7E-10 | 6.6E-12 | 6.7E-12 | 9.7E-11 | 5.0E-09 | 2.0E-10 | 2.7E-09 |
| 4.0E-09 | 0.000000004 | 0.000004 | 0.000004 | 5.3E-09 | 5.3E-07 | 5.3E-10 | 5.3E-12 | 5.3E-12 | 7.7E-11 | 4.0E-09 | 1.6E-10 | 2.1E-09 |
| 3.0E-09 | 0.000000003 | 0.000003 | 0.000003 | 4.0E-09 | 4.0E-07 | 4.0E-10 | 3.9E-12 | 4.0E-12 | 5.8E-11 | 3.0E-09 | 1.2E-10 | 1.6E-09 |
| 2.0E-09 | 0.000000002 | 0.000002 | 0.000002 | 2.7E-09 | 2.7E-07 | 2.7E-10 | 2.6E-12 | 2.7E-12 | 3.9E-11 | 2.0E-09 | 7.9E-11 | 1.1E-09 |
| 1.0E-09 | 0.000000001 | 0.000001 | 0.000001 | 1.3E-09 | 1.3E-07 | 1.3E-10 | 1.3E-12 | 1.3E-12 | 1.9E-11 | 1.0E-09 | 3.9E-11 | 5.4E-10 |
| 9.0E-10 | 0.000000000900 | 0.0000009 | 0.0000009 | 1.2E-09 | 1.2E-07 | 1.2E-10 | 1.2E-12 | 1.2E-12 | 1.7E-11 | 9.0E-10 | 3.5E-11 | 4.8E-10 |
| 8.0E-10 | 0.000000000800 | 0.0000008 | 0.0000008 | 1.1E-09 | 1.1E-07 | 1.1E-10 | 1.1E-12 | 1.1E-12 | 1.5E-11 | 8.0E-10 | 3.1E-11 | 4.3E-10 |
| 7.0E-10 | 0.000000000700 | 0.0000007 | 0.0000007 | 9.3E-10 | 9.3E-08 | 9.3E-11 | 9.2E-13 | 9.3E-13 | 1.4E-11 | 7.0E-10 | 2.8E-11 | 3.8E-10 |
| 6.0E-10 | 0.000000000600 | 0.0000006 | 0.0000006 | 8.0E-10 | 8.0E-08 | 8.0E-11 | 7.9E-13 | 8.0E-13 | 1.2E-11 | 6.0E-10 | 2.4E-11 | 3.2E-10 |
| 5.0E-10 | 0.000000000500 | 0.0000005 | 0.0000005 | 6.7E-10 | 6.7E-08 | 6.7E-11 | 6.6E-13 | 6.7E-13 | 9.7E-12 | 5.0E-10 | 2.0E-11 | 2.7E-10 |
| 4.0E-10 | 0.000000000400 | 0.0000004 | 0.0000004 | 5.3E-10 | 5.3E-08 | 5.3E-11 | 5.3E-13 | 5.3E-13 | 7.7E-12 | 4.0E-10 | 1.6E-11 | 2.1E-10 |
| 3.0E-10 | 0.000000000300 | 0.0000003 | 0.0000003 | 4.0E-10 | 4.0E-08 | 4.0E-11 | 3.9E-13 | 4.0E-13 | 5.8E-12 | 3.0E-10 | 1.2E-11 | 1.6E-10 |
| 2.0E-10 | 0.000000000200 | 0.0000002 | 0.0000002 | 2.7E-10 | 2.7E-08 | 2.7E-11 | 2.6E-13 | 2.7E-13 | 3.9E-12 | 2.0E-10 | 7.9E-12 | 1.1E-10 |
| 1.0E-10 | 0.000000000100 | 0.0000001 | 0.0000001 | 1.3E-10 | 1.3E-08 | 1.3E-11 | 1.3E-13 | 1.3E-13 | 1.9E-12 | 1.0E-10 | 3.9E-12 | 5.4E-11 |
| 9.0E-11 | 0.000000000090 | 0.00000009 | 0.00000009 | 1.2E-10 | 1.2E-08 | 1.2E-11 | 1.2E-13 | 1.2E-13 | 1.7E-12 | 9.0E-11 | 3.5E-12 | 4.8E-11 |
| 8.0E-11 | 0.000000000080 | 0.00000008 | 0.00000008 | 1.1E-10 | 1.1E-08 | 1.1E-11 | 1.1E-13 | 1.1E-13 | 1.5E-12 | 8.0E-11 | 3.1E-12 | 4.3E-11 |
| 7.0E-11 | 0.000000000070 | 0.00000007 | 0.00000007 | 9.3E-11 | 9.3E-09 | 9.3E-12 | 9.2E-14 | 9.3E-14 | 1.4E-12 | 7.0E-11 | 2.8E-12 | 3.8E-11 |
| 6.0E-11 | 0.000000000060 | 0.00000006 | 0.00000006 | 8.0E-11 | 8.0E-09 | 8.0E-12 | 7.9E-14 | 8.0E-14 | 1.2E-12 | 6.0E-11 | 2.4E-12 | 3.2E-11 |
| 5.0E-11 | 0.000000000050 | 0.00000005 | 0.00000005 | 6.7E-11 | 6.7E-09 | 6.7E-12 | 6.6E-14 | 6.7E-14 | 9.7E-13 | 5.0E-11 | 2.0E-12 | 2.7E-11 |
| 4.0E-11 | 0.000000000040 | 0.00000004 | 0.00000004 | 5.3E-11 | 5.3E-09 | 5.3E-12 | 5.3E-14 | 5.3E-14 | 7.7E-13 | 4.0E-11 | 1.6E-12 | 2.1E-11 |
| 3.0E-11 | 0.000000000030 | 0.00000003 | 0.00000003 | 4.0E-11 | 4.0E-09 | 4.0E-12 | 3.9E-14 | 4.0E-14 | 5.8E-13 | 3.0E-11 | 1.2E-12 | 1.6E-11 |
| 2.0E-11 | 0.000000000020 | 0.00000002 | 0.00000002 | 2.7E-11 | 2.7E-09 | 2.7E-12 | 2.6E-14 | 2.7E-14 | 3.9E-13 | 2.0E-11 | 7.9E-13 | 1.1E-11 |
| 1.0E-11 | 0.000000000010 | 0.00000001 | 0.00000001 | 1.3E-11 | 1.3E-09 | 1.3E-12 | 1.3E-14 | 1.3E-14 | 1.9E-13 | 1.0E-11 | 3.9E-13 | 5.4E-12 |
| 9.0E-12 | 0.000000000009 | 0.000000009 | 0.000000009 | 1.2E-11 | 1.2E-09 | 1.2E-12 | 1.2E-14 | 1.2E-14 | 1.7E-13 | 9.0E-12 | 3.5E-13 | 4.8E-12 |
| 8.0E-12 | 0.000000000008 | 0.000000008 | 0.000000008 | 1.1E-11 | 1.1E-09 | 1.1E-12 | 1.1E-14 | 1.1E-14 | 1.5E-13 | 8.0E-12 | 3.1E-13 | 4.3E-12 |
| 7.0E-12 | 0.000000000007 | 0.000000007 | 0.000000007 | 9.3E-12 | 9.3E-10 | 9.3E-13 | 9.2E-15 | 9.3E-15 | 1.4E-13 | 7.0E-12 | 2.8E-13 | 3.8E-12 |
| 6.0E-12 | 0.000000000006 | 0.000000006 | 0.000000006 | 8.0E-12 | 8.0E-10 | 8.0E-13 | 7.9E-15 | 8.0E-15 | 1.2E-13 | 6.0E-12 | 2.4E-13 | 3.2E-12 |

| Torr (scientific) | Torr (decimal) | micron | mTorr (millitorr) | mbar (millibar) | Pa (Pascal) | kPa (kilopascal) | atm (atmosphere) | bar | PSI (pound-force per square inch) | mm Hg (millimeters of mercury) | in Hg (inch of mercury) | in H2O (inch of water) |
|-----------------------------|--------------------------|---------------|-----------------------------|---------------------------|-----------------------|----------------------------|----------------------------|------------|---|--|-----------------------------------|----------------------------------|
| 5.0E-12 | 0.000000000005 | 0.000000005 | 0.000000005 | 6.7E-12 | 6.7E-10 | 6.7E-13 | 6.6E-15 | 6.7E-15 | 9.7E-14 | 5.0E-12 | 2.0E-13 | 2.7E-12 |
| 4.0E-12 | 0.000000000004 | 0.000000004 | 0.000000004 | 5.3E-12 | 5.3E-10 | 5.3E-13 | 5.3E-15 | 5.3E-15 | 7.7E-14 | 4.0E-12 | 1.6E-13 | 2.1E-12 |
| 3.0E-12 | 0.000000000003 | 0.000000003 | 0.000000003 | 4.0E-12 | 4.0E-10 | 4.0E-13 | 3.9E-15 | 4.0E-15 | 5.8E-14 | 3.0E-12 | 1.2E-13 | 1.6E-12 |
| 2.0E-12 | 0.000000000002 | 0.000000002 | 0.000000002 | 2.7E-12 | 2.7E-10 | 2.7E-13 | 2.6E-15 | 2.7E-15 | 3.9E-14 | 2.0E-12 | 7.9E-14 | 1.1E-12 |
| 1.0E-12 | 0.000000000001 | 0.000000001 | 0.000000001 | 1.3E-12 | 1.3E-10 | 1.3E-13 | 1.3E-15 | 1.3E-15 | 1.9E-14 | 1.0E-12 | 3.9E-14 | 5.4E-13 |