

English to S.I. Conversions

| from | to S.I. | multiply by |
|----------------------------|--------------------|-----------------------------|
| inch | m | 0.0254 |
| foot | m | 0.3048 |
| BTU | J | 1055 |
| cal | J | 4.186 |
| ounce (mass) (avoirdupois) | kg | 0.02835 |
| pound (mass) | kg | 0.4536 |
| horsepower | W | 746 |
| atm | N m^{-2} | 101 325 |
| mmHg | N m^{-2} | 133.322 |
| psi | N m^{-2} | 6894.76 |
| mph | m s^{-1} | 0.44704 |
| $^{\circ}\text{F}$ | $^{\circ}\text{C}$ | $t_C = (5/9)(t_F - 32)$ |
| fluid ounce | m^3 | $2.957\,353 \times 10^{-5}$ |
| pint | m^3 | $4.731\,765 \times 10^{-4}$ |
| gallon | m^3 | $3.785\,412 \times 10^{-3}$ |