

# Metric Conversion Tables

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To convert METRIC to IMPERIAL divide by the conversion factors below:

To convert IMPERIAL to METRIC multiply by the conversion factors below:

| Metric                              | Imperial                                       | Conversion Factor |
|-------------------------------------|--|-------------------|
| Millimetres (mm)                    | Inches (ins)                                   | 25.40000          |
| Centimetres (cm)                    | Inches (ins)                                   | 2.5400            |
| Metre (m)                           | Feet (ft)                                      | 0.30480           |
| Metre (m)                           | Yard (yd)                                      | 0.9144            |
| Square Metre (m <sup>2</sup> )      | Square Yard (yd <sup>2</sup> )                 | 0.8361            |
| Cubic Metre (m <sup>3</sup> )       | Cubic Yard (yd <sup>3</sup> )                  | 0.7646            |
| Litre (l)                           | Pint   | 0.5683            |
| Litre (l)                           | Gallon (gal)                                   | 4.546             |
| Kilogram (kg)                       | Pound (lb)                                     | 0.4536            |
|                                     |  |                   |
| Joule (J)                           | British Thermal Unit (BTU)                     | 1055              |
| Kilowatt (kW)                       | Btu per Hour BTU/h                             | 0.0002931         |
| Kilowatt (kW)                       | Horse Power (hp)                               | 0.7457            |
|                                     |  |                   |
| Newton (N)                          | Pound Force (lbf)                              | 4.448             |
| Newton/Sq Metre (N/m <sup>2</sup> ) | Pound Force per Sq Inch (lbf/in <sup>2</sup> ) | 6895              |
| Pascal                              | Pound Force per Sq Inch (lbf/in <sup>2</sup> ) | 6895              |
| Bar                                 | Pound Force per Sq Inch (lbf/in <sup>2</sup> ) | 0.06895           |
| Metres per Second (m/s)             | Foot per Second (ft/s)                         | 0.3048            |

### Temperature Conversions

Fahrenheit (°F) to Celsius (°C) = °F - 32 ÷ 1.8

Celsius (°C) to Fahrenheit (°F) = °C x 1.8 + 32