

CONVERSION TABLES

IMPERIAL TO METRIC

LENGTH	1 Inch	=	25.4 Millimetre
	1 Foot	=	304.0 Millimetre
	1 Yard	=	0.9144 Metre
	1 Yard	=	3 Feet
	2 Yards	=	1 Fathom
	220 Yards	=	Furlong
	5 ½ Yards	=	1 Pole
	4 Poles	=	1 Chain
	10 Chains	=	1 Furlong
WEIGHT	1 Ounce	=	28.35 Grammes
	1 Pound	=	0.4536 Kilogram
	1 Ton	=	1.01605 Tonnes
	1 Ton	=	2240 lbs
	1 Tonne	=	2276 lbs
AREA	1 Inch ²	=	645.16 Millimetre ²
	1 Foot ²	=	0.0929 metre ²
	1 Acre	=	0.4047 Hectares
	1 Acre	=	4840 Yard ²
	144 Inches ²	=	1 Foot ²
	30 ¼ Yards	=	1 Square Pole
	4 Roods	=	1 Acre
VOLUME	1 Inch ³	=	16.387 Centimetre ³
	1 Foot ³	=	0.02832 Metre ³
	1 Fluid oz	=	28.41 Millilitres
	1 Pint	=	0.5683 Litre
	1 Gallon	=	4.5461 Litres
	1728 Inches ³	=	1 Foot ³
	VELOCITY	1 Foot/Minute	=
1 Mile/Hour		=	1.609334 Km/Hr
STRESS	1 lbf/in ²	=	0.006895 N/m ²
	1 tonf/in ²	=	15.444 N/m ²
	1 Ksi	=	6.895 Mpa
	1 Mpa	=	145 Psi
	1 Psc	=	0.0069 Mpa
DENSITY	1 lb/ft ³	=	16.085 kg/m ³
	1lb/gallon	=	0.099766 g/cm ³
PRESSURE	1 in H2O	=	1.868 mm Hg
	1 bar	=	0.9869 atm
	1lbf/ft ²	=	47.88 N/m ²
	1 bar	=	14.503 Psi
FLOW RATES	1 gall/min	=	0.2728 m ³ /hour
	1 ft ³ /min	=	0.4719 litres/min
ENERGY	1 BTU	=	1.0551 kJ
	1 Hp/Hr	=	0.7457 kw h
	1 ft/lbf	=	0.3238 calories
FORCE	1 lb f	=	4.448 N
	1 ton f	=	9.964 kN

METRIC TO IMPERIAL

1 Millimetre	=	0.03937 Inch
1 Centimetre	=	0.3937 Inch
1 Metre	=	3.2808 Feet
1 Metre	=	1.0936 Yards
1 Kilometre	=	0.6214 Mile
1 Mile	=	1.6093 Kilometre
1 Mile	=	1760 Yards
1 Gramme	=	0.035274 oz
1 Kilogram	=	2.204621 lbs
1 Tonne	=	0.9842 Ton
1 (Pa) Pascal	=	1 N/m ²
1 Millimetre ²	=	0.00155 Inch ²
1 Metre ²	=	10.765 Foot ²
1 Hectare	=	2.471 Acres
1 Mile ²	=	258.998 Hectares
9 Foot ²	=	1 Yard ²
40 Square Poles	=	1 Rood
640 Acres	=	1 Square Mile
1 Centimetre ³	=	0.610 Cubic Inches
1 dm ³	=	0.0353 Cubic Feet
1 Metre ³	=	1.3080 Cubic Yards
1 Litre	=	1.76 Pints
1 Hectolitre	=	21.997 Gallons
27 Feet ³	=	1 Yard ³
1 Millimetre/Sec	=	0.19685 Feet/Min
1 Kilometre/Hour	=	0.621371 Miles/Hr
1 N/m ²	=	145.038 lbf/in ²
1 N/mm ²	=	0.6350 tonf/in ²
1 Kg/mm ²	=	9.807 Mpa
1 Ksi	=	1000 Psi
1 kg/m ³	=	0.062428 lb/ft ³
1 g/cm ³	=	10.0224 lb/gallon
1 mm Hg	=	0.5352 in H2O
1 atm	=	1.013 bar
1 N/m ²	=	0.02089 lbf/ft ²
1 m ³ /hour	=	3.666 gallons/min
1 litre/sec	=	2.119 ft ³ /minute
1 kJ	=	0.9478 BTU
1 kw h	=	1.3410 Hp
1 Cal	=	3.0880 ft lb
1 N	=	0.2248 lb f
1 Kn	=	0.1004 ton f

FIGURES SHOWN ABOVE ARE TO BE USED AS A GUIDE ONLY.