

General industry terms

Calculations

Measurement	Conversion	Multiply by
Length	Inches to mm	25.4
	Inches to cm	2.54
	Yard to metre	0.9144
	Mile to km	1.609
	Lay flat to circumference	lay flat x 2
	Circumference to diameter	Circumference divided by 3.142 (pi)
	Diameter to circumference	Diameter x 3.142 (pi)
Area	Inches ² to cm ²	6.4516
	Foot ² to Metre ²	0.092903
	Mile ² to km ²	2.589988
Volume	Inches ³ to cm ³	16.39
	Gallon(imperial) to Litres	4.5461
	Gallon (U.S) to Litres	3.7854
Flow (air)	CFM to Litres/sec	0.472
Flow (liquid)	GPM (Imperial) to Litres/sec	0.07571
	GPM (U.S) to Litres/sec	0.06308
Velocity	ft/sec to m/s	0.3048
	ft/min to m/s	0.00508
Pressure	PSI to Pa	6894.76
	PSI to kPa	6.895
	InH ₂ O to Pa	0.249
	Bar to PSI	14.5
	Bar to kPa	100
Weight	lbs to kgs	2.2
Power	Horse power to kW	0.746
Heat	BTU/hr to Watts	0.29307