

UNITS OF MEASUREMENT

LENGTH	Inches	in.	1in.=25.4mm
	Millimeters	mm	1mm=0.03937in.
	Feet	ft	1ft=0.3048m
	Meters	m	1m=3.28084ft
AREA	Square inches	in ²	1in ² = 645.16mm ²
	Square millimeters	mm ²	1mm ² =0.00155in ²
	Square Feet	ft ²	1ft ² =0.0929m ²
	Square Meters	m ²	1m ² =10.7639ft ²
LIQUID	US Gallons	usgal	1usgal=3.7854x10 ⁻³ m ³
	Cubic meters	m ³	1m ³ =264.172usgal
PRESSURE	Pounds Per Square Inch	psi	1psi=6.895kpa
	Kilopascals	kPa	1kPa=0.145psi
	Bar	bar	1bar=100kPa
	Kilopascals	kPa	1kPa=0.01bar
	Pounds Per Square Inch	psi	1psi=0.06895bar
	Bar	bar	1bar=14.5psi
TEMPERATURE	Degrees Fahrenheit	°F	°F= °C×1.8+32
	Degrees Celsius	°C	°C=(°F-32)×0.556
TORQUE or MOMENT	Foot Pound-Force	ft•lbf	1ft•lbf=1.356N•m
	Newton-Meters	N•m	1N•m=0.7375ft•lbf
FORCE	Pounds	lb	1lb=4.4482N
	Newtons	N	1N=0.22481lb
MASS WEIGHT	Pounds	lb	1lb=0.454kg
	Kilograms	kg	1kg=2.2026lb
	Ounces	oz	1oz=28.3495g
	grams	g	1g=0.035274oz

LENGTH	m	1km=10 ³ m	1cm=10 ⁻² m	1mm=10 ⁻³ m
	in	1ft=12in	1yd=36in	
AREA	m ²	1km ² =10 ⁶ m ²	1cm ² =10 ⁻⁴ m ²	1mm ² =10 ⁻⁶ m ²
	in ²	1ft ² =144in ²	1yd ² =1296in ²	
LIQUID	m ³	1cm ³ =10 ⁻⁶ m ³	1mm ³ =10 ⁻⁹ m ³	
	in ³	1ft ³ =1728in ³	1yd ³ =46656in ³	1usgal=231000 in ³
PRESSURE	Pa	1kPa=10 ³ Pa	1MPa=10 ⁶ Pa	
TIME	s	1min=60s	1h=3600s	1d=86400s
MASS	kg	1t=10 ³ kg	1g=10 ⁻³ kg	
	lb	1kg=2.205lb		

NOTE: All the information contained here is for your reference only.