



Common Measures Conversions

Linear / Area / Volume		Mass	
1 mile	=	1.6093 kilometer	1 oz = 28.35 gram
1 foot	=	304.8 millimeter	1 lb = .4536 kilogram
1 square foot	=	.0929 square meter	1 ton (2000 lbs) = .9072 metric ton
1 cubic foot	=	.02832 cubic meter	1 lb/ft = 1.4882 kg/m
1 inch	=	25.4 millimeter	1 lb/in = 17.86 g/mm
1 square inch	=	645.2 square millimeter	1 gram = .0353 oz
1 cubic inch	=	16390 cubic millimeter	1 kilogram = 2.2046 lb
1 US Gallon	=	3.785 liter	1 metric ton = 1.1023 ton
1 kilometer	=	.6214 mile	1 kg/m = .672 lb/ft
1 meter	=	3.28 feet - 39.37 inches	1 g/mm = .056 lb/in
1 square meter	=	10.764 square feet	
1 cubic meter	=	35.15 cubic feet	
1 millimeter	=	.0394 inch	
1 liter	=	.2642 US Gallon	
			Force
			1 lbf = 4.448 N
			1 Newton = .225 lbf

Temperature

Fahrenheit	=	$(9/5) * (\text{celcius} + 32)$
Celsius	=	$(5/9) * (\text{fahrenheit} - 32)$

Pressure

1 psi	=	6.895 kPa
1 kPa	=	.145 psi