

IMPERIAL CONVERSIONS

	TO CONVERT FROM		TO		MULTIPLY BY
	SYMBOL	UNIT	SYMBOL	UNIT	
LENGTH	in	inch	mm	millimeter	25.4
	in	inch	cm	centimeter	2.54
	ft	feet	m	meter	0.3048
	mi	mile	km	kilometer	1.609
MASS	lb	pound	kg	kilogram	0.4536
PRESSURE	psi	pounds/square inch	kPa	kilopascal	6.8948
	psi	pounds/square inch	MPa	megapascal	0.006895
	psi	pounds/square inch	kgf/cm ²	kilogramf/square centimeter	0.0703067
	psi	pounds/square inch	atm	atmosphere	0.0680462
	psi	pounds/square inch	bar	bar	0.06895
STRESS	psi	pounds/square inch	MPa	megapascal	0.006895
	psi	pounds/square inch	kgf/cm ²	kilogramf/square centimeter	0.0703067
	psi	pounds/square inch	bar	bar	0.06895
	psi	pounds/square inch	N/mm ²	newtons/square millimeter	0.006895
AREA	in ²	square inch	cm ²	square centimeter	6.4516
	in ²	square inch	mm ²	square millimeter	645.16
	ft ²	square feet	m ²	square meter	0.0929
FORCE	lbf	pound	kgf	kilogram_force	0.4536
	lbf	pound	N	newton	4.4482
	lbf	pound	daN	decanewton	0.4448
	lbf	pound	kN	kilonewton	0.004448
FLOW	gpm (US)	gallons (US) per minute	lpm	liters/minute	3.785
	gpm (US)	gallons (US) per minute	m ³ /min	cubic meters/minute	0.003785
	bbl/min (US)	barrels (US) per minute	m ³ /min	cubic meters/minute	0.1589
TORQUE	lb-ft	pound foot	N.m	newton.meter	1.35582
	lb-ft	pound foot	kN.m	kilonewton.meter	0.00135582
	lb-ft	pound foot	kg.m	kilogram.meter	0.13820
VOLUME	gal (US)	gallon (US)	l	liter	3.785
	gal (US)	gallon (US)	m ³	cubic meter	0.003785
	ft ³	cubic feet	m ³	cubic meter	0.02831
	bbl (US)	barrel (US)	m ³	cubic meter	0.1589
POWER	HP	horsepower	kW	kilowatt	0.7457
NOZZLES	32nds inch	32nds inch	mm	millimeter	0.793
TEMPERATURE	°F	°Fahrenheit	°C	°Celsius	(°F-32)/1.8
DENSITY	lbs/gal	pounds per gallon (US)	kg/m ³	kilograms/cubic meter	119.82
	lbs/gal	pounds per gallon (US)	g/cm ³	grams/cubic centimeter	0.11982
	lbs/in ³	pounds per cubic inch	kg/m ³	kilograms/cubic meter	27679.7
	lbs/in ³	pounds per cubic inch	g/cm ³	grams/cubic centimeter	27.6797
ENERGY	lb-ft	pound foot	J	joules	1.35583