

STANDARD CONVERSION TABLE - ENGLISH TO METRIC AND METRIC TO ENGLISH

TO ↓ CONVERT →	FROM ENGLISH VAUES		TO DETERMINE METRIC VALUES		MULTIPLY BY Conversion Factor Below ↓
	Symbol	Common Term Used	Symbol	Common Term Used	
LENGTH	IN	Inches	mm	Millimeter	25.4
	FT	Feet	m	Meters	0.3048
	YD	Yards	m	Meters	0.9144
	MI	Miles	km	Kilometers	1.609344
AREA	SI	Square Inches	mm ²	Square Millimeter	645.16
	SF	Square Feet	m ²	Square Meters	0.09290304
	SY	Square Yards	m ²	Square Meters	0.83612736
	MI ²	Square Miles	km ²	Square Kilometers	2.59
	A	Acres	ha	Hectares	0.4046856
VOLUME	CI	Cubic Inches	cm ³	Cubic Centimeters	16.387064
	CF	Cubic Feet	m ³	Cubic Meters	0.0283168
	CY	Cubic Yards	m ³	Cubic Meters	0.764555
	MBM	Thousand Feet Board	L	Cubic Meters	2.35974
	GAL	Gallons	L	Liters	3.78541
	OZ	Fluid Ounces	m ³	Liters	0.0295735
MASS	LB	Pounds	kg	Kilograms	0.4535924
	TON	Short Tons (2000 lbs.)	t	Metric Ton	0.9071848
PRESSURE & STRESS	PSF	Pounds per Square foot	Pa	Pascals	47.8803
	PSI	Pounds per Square Inch	kPa	Kilopascals	6.89476
	PSI	Pounds per Square Inch	Mpa	Megapascals	0.00689476
TEMEPRATURE	°F	Degrees Farenheit	°C	Degrees Celsius	5 X (°F-32) /9
VELOCITY	FT/SEC	Feet per Second	m/s	meters per Second	0.3048
INTENSITY	IN/HR	Inches per Hour	mm/hr	Millimeters per Hour	25.4
FORCE	LB	Pound (Force)	N	Newtons	4.448222
POWER	HP	Horse Power	W	Watts	746.0
DISCHARGE	CFS	Cubic Feet per Second	m ³ /s	Cubic Meter per Second	0.02831
DENSITY	lb/ft ³	Pounds per Cubic Foot	kg/m ³	Kilograms per Cubic Meter	16.01846
ACCELERATION	g	Freefall, Standard	m/s ²	Meters per Second Squared	9.807
To Convert From Metric Values To Determine English Value Equivalent					DIVIDE BY Conversion Factor Above ↑