

Appendix 5

Metric Equivalents and Conversion Tables

Metric System of Measurement

APPLICATION	INTERNATIONAL SYSTEM OF UNITS	ENGLISH SYSTEM EQUIVALENTS
Length	Kilometer	0.62137 miles
	Meter	39.37 inches
	Centimeter	0.3937 inch
	Millimeter	0.03937 inch
	Micrometer	0.00003937 inch
	Nanometer	0.00000003937 inch
Mass (Weight)	Angstrom	0.000000003937 inch
	Metric ton	2,200 pounds
	Kilogram	2.2 pounds
	Gram	0.03527 ounce
	Milligram	0.00003527 ounce
Volume	Liter	1.06 quart
	Milliliter	0.00106 quart
	Cubic meter	35.314 cubic feet
	Cubic centimeter	0.061 cubic inch
Area	Hectare	2.471 acres
Temperature	To convert Celsius to Fahrenheit, multiply the Celsius figure by 9, divide	

Conversion Table

TO CONVERT	TO	MULTIPLY BY
Millimeters	Inches	0.039
Centimeters	Inches	0.39
Inches	Centimeters	2.54
Feet	Centimeters	30.48
Ounces	Grams	28.35
Pounds	Grams	453.6
Pounds	Kilograms	0.4536
Grams	Ounces	0.035
Kilograms	Pounds	2.205
Fluid ounces	Milliliters	29.57
Quarts	Liters	0.9463
Milliliters	Fluid ounces	0.03
Liters	Quarts	1.057

Temperature Conversion Scale