

Common Metric Equivalents

	Approximate Equivalents	Accurate Conversions
1 inch	25 millimeters	25.4 millimeters
1 foot	0.3 meter	0.3048 meters
1 yard	0.9 meter	0.9144 meters
1 mile	1.6 kilometers	1.60934 kilometers
1 square inch	6.5 square centimeters	6.4516 square centimeters
1 square foot	0.09 square meter	0.092903 square meters
1 square yard	0.8 square meter	0.836127 square meters
1 acre	0.4 hectare	0.404686 hectares
1 cubic inch	16 cubic centimeters	16.3871 cubic centimeters
1 cubic foot	0.03 cubic meter	0.028316 cubic meters
1 cubic yard	0.8 cubic meter	0.764555 cubic meters
1 quart (lq.)	1 liter	0.946353 liters
1 gallon	0.004 cubic meter	0.00378541 cubic meters
1 ounce (avdp.)	28 grams	28.349 grams
1 pound (avdp.)	0.45 kilograms	0.453592 kilograms
1 horsepower	0.75 kilowatt	0.745700 kilowatts
1 millimeter	0.04 inch	0.0393701 inches
1 meter	3.3 feet	3.28084 feet
1 meter	1.1 yards	1.09361 yards
1 kilometer	0.6 mile	0.621371 miles
1 square centimeter	0.16 square inch	0.155 square inches
1 square meter	11 square feet	10.7639 square feet
1 square meter	1.2 square yards	1.19599 square yards
1 hectare	2.5 acres	2.47105 acres
1 cubic centimeter	0.06 cubic inch	0.061023 cubic inches
1 cubic meter	35 cubic feet	35.3147 cubic feet
1 cubic meter	1.3 cubic yards	1.30795 cubic yards
1 liter	1 quart (lq.)	1.05669 quarts (lq.)
1 cubic meter	264 gallons	264.172 gallons
1 gram	0.035 ounces (avdp.)	0.035274 ounces (avdp.)
1 kilogram	2.2 pounds (avdp.)	2.20462 pounds (avdp.)
1 kilowatt	1.3 horsepower	1.34102 horsepower