

Conversion chart

Area	To obtain	Multiply by
Square mils	Circular Mils	1.2732
	Square Inches	0.000001
Circular mils	Square Mils	0.7854
	Square Inches	0.000007854
	Circular Inches	0.000001
	Square Millimeters	0.0005067
Square inches	Square Mils	1,000,000
	Circular Mils	1,273,200
	Circular Inches	1.2732
	Square Millimeters	645.2
	Square Centimeters	6.452
Circular inches	Circular Mils	1,000,000
	Square Inches	0.7854
Square feet	Square Meters	0.09290
Square millimeters	Circular Mils	1,973.5
	Square Inches	0.0015500
Square centimeters	Square Inches	0.15500
Square meters	Square Feet	10.764
Area	To obtain	Multiply by
Mils	Inches	0.001
	Millimeters	0.02540
Inches	Mils	1,000
	Millimeters	25.40
	Centimeters	2.540
	Meters	0.02540
Millimeters	Mils	39.37
	Inches	0.03937
Centimeters	Inches	0.3937
	Feet	0.03281
Meters	Inches	39.37
	Feet	3.2808
	Yards	1.0936
Kilometers	Thousands of feet	3.2808
	Miles	0.6214
Miscellaneous	To obtain	Multiply by
Pounds	Kilograms	0.4536
Pounds per square inch	Kilograms per square centimeter	0.07031
Pounds per cubic inch	Grams per cubic centimeter	27.68
Pounds per 1,000 feet	Kilograms per kilometer	1.488
Grams per cubic centimeter	Pounds per cubic inch	0.03613
Kilograms	Pounds	2.2046
Kilograms per square centimeter	Pounds per square inch	14.223
Ohms per 1,000 feet	Ohms per kilometer	3.2808
Ohms per kilometer	Ohms per 1,000 feet	0.3048