

Metric Conversions

TO CONVERT	INTO	MULTIPLY BY
Feet (ft.)	Meters (m)	0.3048
Gallons (U.S.)	Liters (l)	3.7853
Inches (in.)	Millimeters (mm)	25.4
Kilograms (kg)	Pounds (lbs.)	2.2046
Kilograms/Meters (kg/m)	Pounds/Feet (lbs./ft.)	0.673
Liters (l)	Gallon (gal)	0.2641720
Megapascals (MPa)	Newtons per square millimeter (N/mm ²)	1.000
Megapascals (MPa)	Pounds per square inch (psi)	145.04
Megapascals (MPa)	KIPS square inch (ksi)	0.14504
Meters (m)	Feet (ft.)	3.2808
Meters (m)	Inches (in.)	39.37008
Millimeters (mm)	Inches (in.)	0.03937
Newtons per square millimeter (N/mm ²)	Pounds per square inch (psi)	145.04
Newtons per square millimeter (N/mm ²)	Megapascals (MPa)	1.000
Pounds (lbs.)	Kilograms (kg)	0.4536
Pounds/Feet (lbs./ft.)	Kilograms/Meters (kg/m)	1.4881
Pounds per square inch (psi)	Newtons per square millimeter (N/mm ²)	0.006895
Pounds per square inch (psi)	Megapascals (MPa)	0.006895
Square millimeters (mm ²)	Square Feet (ft. ²)	0.000010759
Square inches (in. ²)	Square millimeters (mm ²)	645.16
Square meters (m ²)	Square feet (ft. ²)	10.7639
Square feet (ft. ²)	Square meters (m ²)	0.0929
Square inches (in. ²)	Square meters (m ²)	0.00064516
BAR	Pounds per square inch (psi)	14.5038
Pounds per square inch (psi)	BAR	.068947