

Conversion Factors for Weights and Measures

U.S. TO METRIC

OUNCES (oz avdp)	x	28.3495=g
pounds (lb avdp)	x	0.45359 = g
tons (2,000 lb)	x	0.90719= MT
inches (in)	x	2.54001 = cm
feet (ft)	x	0.304801 = m
miles	x	1.6093 km
square inches (in ²)	x	6.45163 =cm ²
square feet (ft ²)	x	0.0929 = m ²
cubic inches (in ³)	x	16.38716 = cm ³
cubic feet (ft ³)	x	0.02832 = m ³
gallons (U.S. Liquid)	x	0.003785 = m ³
gallons (U.S. Liquid)	x	3.785 = l
lb/in	x	176.6 = g/cm
lb/ft	x	1.48816 kg/m
lb/in ² (psi)	x	0.07031 kg/cm ²
lb/ft ²	x	4.88241 = kg/m ²
in-lb force	x	0.01152 = m-kg
in-lb force	x	0.1383 = m-kg

[deg fahrenheit (F) -32]/1.8 = °C