

Less Common Conversion Factors

Class	multiply:	by:	to get:
Density	lb/ft ³	16.0185	kg/m ³
	lb/yd ³	0.5933	kg/m ³
Pressure	psi	6894.8	Pa
	ksi	6.8948	MPa
	lb/ft ²	47.88	Pa
Velocity	ft/s	0.3048	m/s
	mph	0.4470	m/s
	mph	1.6093	km/h

Water Constants

Freezing point of water = 0° C (32° F)
 Boiling point of water under pressure of one atmosphere = 100° C (212° F)
 The mass of one cu. meter of water is 1000 kg
 The mass of one liter of water is 1 kg (2.20 lbs)
 1 cu. ft. of water @60° F = 62.37 lbs (28.29 kg)
 1 gal of water @60° F = 8.3377 lbs (3.78 kg)

Cement Constants

1 sack of cement (appx.) = 1 ft³ = 0.028 m³
 1 sack of cement = 94 lbs. = 42.64 kg
 1 gallon water = 8.3453 lbs. @39.2° F
 1 gallon water = 3.7854 kg @4° C
