



Reade Advanced Materials

Density Conversion Table

	lb/cu in	lb/cu ft	lb/gal	g/cu cm	g/liter
1 lb/cu in	1	1728	231	27.68	27680
1 lb/cu ft	---	1	0.1337	0.016	16.019
1 lb/gal	$4.33^{(10^{-3})}$	7.481	1	0.1198	119.83
1 gm/cu cm	0.03613	62.43	8.345	1	103
1 gm/liter	---	0.06243	$8.345^{(10^{-3})}$	10^{-3}	1

Density Conversions:

1 milligram per cubic centimeter mg/cm³ = 0.0010 grams per cubic centimeter g/cm³
1 gram per cubic centimeter g/cm³ = 0.036 pounds per cubic inch lb/in³