

# CONVERSION CHART

## WEIGHT CONVERSION TABLE

From / To	g	kg	M.Ton	grain	oz	lb
<b>g</b>	1	0.001	$1 \times 10^{-6}$	15.43	0.03527	0.00220
<b>kg</b>	1000	1	0.001	$1.54 \times 10^4$	35.27	2.205
<b>Metric Ton</b>	$1 \times 10^6$	1000	1	$1.54 \times 10^7$	$3.53 \times 10^4$	2205
<b>grain</b>	$6.48 \times 10^{-2}$	$6.48 \times 10^{-5}$	$6.48 \times 10^{-5}$	1	$2.29 \times 10^{-3}$	$1.43 \times 10^{-4}$
<b>oz</b>	28.35	0.02835	$2.83 \times 10^{-5}$	437.5	1	0.06250
<b>lb</b>	453.6	0.4536	$4.54 \times 10^4$	7000	16	1

To convert from a unit shown in the left column, multiply by the factor listed in the column for the desired unit.

## VOLUME CONVERSION TABLE (metric and U.S. liquid measures)

From/To	cm <sup>3</sup>	litre	m <sup>3</sup>	in <sup>3</sup>	ft <sup>3</sup>	yd <sup>3</sup>	fl oz	fl pt	fl qt	gal
<b>cm<sup>3</sup></b>	1	0.001	$1 \times 10^{-6}$	0.06102	$3.53 \times 10^{-5}$	$1.31 \times 10^{-6}$	0.03381	0.00211	0.00106	$2.64 \times 10^{-4}$
<b>liter</b>	1000	1	0.001	61.02	0.03532	0.00131	33.81	2.113	1.057	0.2642
<b>m<sup>3</sup></b>	$1 \times 10^6$	1000	1	$6.10 \times 10^4$	35.31	1.308	$3.38 \times 10^4$	2113	1057	264.2
<b>in<sup>3</sup></b>	16.39	0.01639	$1.64 \times 10^{-5}$	1	$5.79 \times 10^{-4}$	$2.14 \times 10^{-5}$	0.5541	0.03463	0.01732	0.00433
<b>ft<sup>3</sup></b>	$2.83 \times 10^4$	28.32	0.02832	1728	1	0.03704	957.5	69.84	29.92	7.481
<b>yd<sup>3</sup></b>	$7.65 \times 10^5$	764.5	0.7646	$4.67 \times 10^4$	27	1	$2.59 \times 10^4$	1616	807.9	202.0
<b>fl oz</b>	29.57	0.02957	$2.96 \times 10^{-5}$	1.805	0.00104	$3.87 \times 10^{-5}$	1	0.06250	0.03125	0.00781
<b>fl pt</b>	473.2	0.4732	$473 \times 10^{-4}$	28.88	0.01671	$619 \times 10^{-4}$	16	1	0.6000	0.1250
<b>fl qt</b>	946.4	0.9463	$9.46 \times 10^{-4}$	57.75	0.03342	0.00124	32	2	1	0.2500
<b>gal</b>	3785	3.786	0.00379	231.0	0.1337	0.00495	128	8	4	1

To convert from a unit shown in the left column, multiply by the factor listed in the column for the desired unit.

## FLOW RATE CONVERSION TABLE

From/To	lit/sec	gal/min	ft <sup>3</sup> /sec	ft <sup>3</sup> /min	bbl/hr	bbl/day
<b>lit/sec</b>	1	15.85	$2.228 \times 10^{-3}$	2.119	22.66	543.8
<b>gal/min</b>	$6.308 \times 10^{-2}$	1	$3.532 \times 10^{-2}$	0.1337	1.429	34.30
<b>ft<sup>3</sup>/sec</b>	28.32	448.8	1	60	641.1	$1.54 \times 10^4$
<b>ft<sup>3</sup>/min</b>	0.4719	7.481	$1.667 \times 10^{-2}$	1	10.69	256.5
<b>bbl/hr</b>	$4.415 \times 10^{-2}$	0.6997	$1.56 \times 10^{-3}$	$9.359 \times 10^{-2}$	1	24
<b>bbl/day</b>	$1.84 \times 10^{-3}$	$2.917 \times 10^{-2}$	$6.50 \times 10^{-5}$	$3.90 \times 10^{-3}$	$4.167 \times 10^{-2}$	1

To convert from a unit shown in the left column, multiply by the factor listed in the column for the desired unit.