



## CONVERSION CHART

### FLOW RATE

litre per second l/s	litre per minute l/min	cubic meter per hour m <sup>3</sup> /h	cubic foot per hour ft <sup>3</sup> /h	cubic foot per minute ft <sup>3</sup> /min	Imp.gallon per minute Imp.gal./min	US gallon per minute Us gal./min	Us barrel per day ls barrel/d (Petroleum)
1	60	3.6	127.133	2.1189	13.2	15.85	543.439
0.017	1	0.06	2.1189	0.0353	0.22	0.264	9.057
0.278	16.667	1	35.3147	0.5886	3.666	4.403	150.955
0.008	0.472	0.0283	1	0.0167	0.104	0.125	4.275
0.472	28.317	1.6990	60	1	6.229	7.480	256.475
0.076	4.546	0.2728	9.6326	0.1605	1	1.201	41.175
0.063	3.785	0.2271	8.0209	0.1337	0.833	1	34.286
0.002	0.110	0.0066	0.2339	0.0039	0.024	0.029	1

### LIQUID

Cubic meter m <sup>3</sup>	litre l	Milli litre ml	Imp. gallon Imp. Gal	US gallon US gal	cubic foot ft <sup>3</sup>
1	1000	1 x 10 <sup>6</sup>	220	264.2	35.3147
0.001	1	1000	0.22	0.2642	0.0353
1 x 10 <sup>-6</sup>	0.001	1	2.2 X 10 <sup>-4</sup>	2.642 x 10 <sup>-4</sup>	3.53 x 10 <sup>-3</sup>
0.00455	4.546	4546	1	1.201	0.1605
0.00378	3.785	3785	0.8327	1	0.1337
0.0283	28.317	28317	6.2288	7.4805	1

### LIQUID HEAD AND PRESSURE

newton per square meter N/m <sup>2</sup> (Pa)	kilo pascal kPa	bar	kilogram force per square centimeter Kgf/cm <sup>2</sup>	pound force per square inch psi	foot for water ft H <sub>2</sub> O	meter of water m H <sub>2</sub> O	millimeter of mercury mm Hg	inch of mercury in Hg
1	0.001	1 x 10 <sup>-5</sup>	1.02 x 10 <sup>-5</sup>	1.45 x 10 <sup>-4</sup>	3.35 x 10 <sup>-4</sup>	1.02 x 10 <sup>-4</sup>	0.0075	2.95 x 10 <sup>-4</sup>
1000	1	0.01	0.0102	0.145	0.335	0.102	7.5	0.295
1 x 10 <sup>-5</sup>	100	1	1.02	14.5	33.52	10.2	750.1	29.53
98,067	98.07	0.981	1	14.22	32.81	10	735.6	28.96
6895	6.895	0.069	0.0703	1	2.31	0.703	51.72	2.036
2984	2.984	0.03	0.0305	0.433	1	0.305	22.42	0.882
9789	9.789	0.098	0.1	1.42	3.28	1	73.42	2.891
133.3	0.133	0.0013	0.0014	0.019	0.045	0.014	1	0.039
3386	3.386	0.0338	0.0345	0.491	1.133	0.0345	25.4	1

### LENGTH

millimeter mm	centimeter cm	meter m	inch in	foot ft	yard yd
1	0.1	0.001	0.0394	0.0033	0.0011
10	1	0.01	0.3937	0.0328	0.0109
1000	100	1	39.3701	3.2808	1.0936
25.4	2.54	0.0254	1	0.0833	0.0278
304.8	30.48	0.3048	12	1	0.3333
914.4	91.44	0.9144	36	3	1

1 Kilometer = 1000 metres = 0.62137 miles 1 mile = 1609.37 metres = 1.60934 kilometers

### MASS

kilogram kg	pound lb	hundred weight (cwt)	tonne t	ton long tn	short ton sh tn
1	2.205	0.0197	0.001	9.84 x 10 <sup>-4</sup>	0.0011
0.454	1	0.0089	4.54 x 10 <sup>-4</sup>	4.46 x 10 <sup>-4</sup>	5.0 x 10 <sup>-4</sup>
50.802	112	1	0.0508	0.05	0.056
1000	2204.6	19.684	1	0.9842	1.1023
1016	2240	20	1.0161	1	1.102
907.2	2000	17.857	0.9072	0.8929	1

### TEMPERATURE

To Convert From	To	Use Formula
Temperature Celsius, tc	Temperature Kelvin, tk	K = tc + 273.15
Temperature Fahrenheit, tf	Temperature Kelvin, tk	K = (tf + 459.67 / 1.8)
Temperature Celsius, tc	Temperature Fahrenheit, tf	F = 1.8 tc + 32
Temperature Fahrenheit, tf	Temperature Celsius, tc	C = (tf - 32) / 1.8
Temperature Kelvin, tk	Temperature Celsius, tc	C = tk - 273.15
Temperature Kelvin, tk	Temperature Fahrenheit, tf	F = 1.8tk - 459.67