Density

	To Obtain				
	g/ml	**kg/m³**	**lb/ft³**	**lb/in³**	**lb/U.S. gal**
	Multiply By				
g/ml	–	1000	62.428	0.0361273	8.3454
kg/m³	0.001	–	0.062428	3.61273×10^{-5}	0.0083454
lb/ft³	0.0160185	16.018463	–	5.78704×10^{-4}	0.13368
lb/in³	27.679905	27,679.9	1728	–	231
lb/U.S. gal	0.1198264	119.8264	7.4805195	0.004329	–

Flow

	To Obtain							
	cm³/min	**cm³/sec**	**ft³/hr**	**ft³/min**	**m³/hr**	**m³/min**	**L/hr**	**L/min**
	Multiply By							
cm³/min	–	0.0166667	0.0021189	0.0000353	0.00006	0.000001	0.06	0.001
cm³/sec	60	–	0.127134	0.0021189	0.0036	0.00006	3.6	0.06
ft³/hr	471.9474	7.86579	–	0.0166667	0.0283168	0.0004719	28.31685	0.4719474
ft³/min	28,316.85	471.9474	60	–	1.699008	0.0283168	1699.008	28.31685
m³/hr	16,666.67	277.7778	35.31467	0.5885777	–	0.0166667	1000	16.66667
m³/min	1,000,000	16,666.67	2118.876	35.31467	60	–	60,000	1000
L/hr	16.66667	0.2777778	0.0353147	0.0005885	0.001	0.0000167	–	0.0166667
L/min	1000	16.66667	2.118876	0.0353147	0.06	0.001	60	–

Length

	To Obtain							
	Å	**cm**	**ft**	**in**	**m**	**mm**	**micron**	**yd**
	Multiple By							
Å	–	1×10^{-8}	$3.2808399 \times 10^{-10}$	3.3937008×10^{-9}	1×10^{-10}	0.0000001	0.0001	$1.0936133 \times 10^{-10}$
cm	1×10^{8}	–	0.0328084	0.3937008	0.01	10	10,000	0.0109361
ft	3.048×10^{9}	30.48	–	12	0.3048	304.8	304,800	0.3333333
in	2.54×10^{8}	2.54	0.0833333	–	0.0254	25.4	25,400	0.0277778
m	1×10^{10}	100	3.2808399	39.3700787	–	1,000	1,000,000	1.0936133
mm	10,000,000	0.1	0.00328084	0.03937008	0.001	–	1,000	0.0010936
micron	10,000	0.0001	3.2808399×10^{-6}	3.9370079×10^{-5}	0.0000010	0.001	–	1.0936133×10^{-6}
yd	9.144×10^{9}	91.44	3	36	0.9144	914.4	914,400	–

Pressure

	To Obtain									
	micron (µm Hg)	**mm of Hg at 0 °C (torr)**	**atm**	**psi**	**bar**	**kg/cm²**	**kPa**	**ft of H_2O at 60 °F**	**in of H_2O at 60 °F**	**in of Hg at 0 °C**
	Multiple By									
micron (µm Hg)	–	1.0×10^{-3}	1.31579×10^{-6}	1.9337×10^{-5}	1.33×10^{-6}	1.30×10^{-6}	1.333×10^{-4}	4.4603×10^{-5}	5.3524×10^{-4}	3.937×10^{-5}
mm of Hg (0 °C) (torr)	1,000	–	0.00132	0.019337	0.001333	0.001360	0.133322	0.044603	0.535240	0.03937
atm	760,000	760	–	14.696	1.01325	1.0332	101.3171	33.932	407.1827	29.921
psi	51,714	51.715	0.06805	–	0.068948	0.070307	6.89465	2.3089	27.70851	2.0360
bar	750,187	750.062	0.98692	14.50368	–	1.019716	100	33.4883	401.8596	29.530
kg/cm²	769,231	735.5592	0.96787	14.22334	0.980665	–	98.03922	32.8084	393.7008	28.95903
kPa	7,501.87	7.5006	0.00987	0.14504	0.010	0.01020	–	0.33456	4.01472	0.2613
ft of H_2O (60 °F)	22,420	22.4198	0.02947	0.433107	0.029891	0.03048	2.9890	–	12	0.882646
in of H_2O (60 °F)	1,868.32	1.86832	0.00246	0.03609	0.002499	0.00254	0.249089	0.083333	–	0.073556
in of Hg (0 °C)	25,400	25.4	0.03342	0.49115	0.033664	0.034532	3.376895	1.1340	13.6	–