

CONVERSION FACTORS

metric	'imperial'/US
length	
1.0 mm	0.039 in
25.4 mm (2.54 cm)	1 in
304.8 mm (30.48 cm)	1 ft
914.4 mm	1 yd
1 000.0 mm (1.0 m)	1 yd 3.4 in (1.093 yd)
20.117 m	1 chain
1 000.00 m (1 km)	0.621 mile
1 609.31 m	1 mile
area	
100 mm ² (1.0 cm ²)	0.155 in ²
645.2 mm ² (6.452 cm ²)	1 in ²
929.03 cm ² (0.093 m ²)	1 ft ²
0.836 m ²	1 yd ²
1.0 m ²	1.196 yd ² (10.764 ft ²)
0.405 ha (4 046.9 m ²)	1 acre
1.0 ha (10 000 m ²)	2.471 acre
1.0 km ²	0.386 mile ²
2.59 km ² (259 ha)	1 mile ²
volume	
1 000 mm ³ (1.0 cm ³ ; 1.0 ml)	0.061 in ³
16 387 mm ³ (16.387 cm ³ ; 0.0164 l; 16.387 ml)	1 in ³
1.0 l (1.0 dm ³ ; 1 000 cm ³)	61.025 in ³ (0.035 ft ³)
0.028 m ³ (28.32 l)	1 ft ³
0.765 m ³	1 yd ³
1.0 m ³	1.308 yd ³ (35.314 ft ³)
capacity	
1.0 ml	0.034 fl oz US
1.0 ml	0.035 fl oz imp
28.41 ml	1 fl oz imp
29.57 ml	1 fl oz US
0.473 litre	1 pint (liquid) US
0.568 litre	1 pint imp
1.0 litre	1.76 pint imp
1.0 litre	2.113 pint US
3.785 litre	1 gal US
4.546 litre	1 gal imp
100.0 litre	21.99 gal imp
100.0 litre	26.42 gal US
159.0 litre	1 barrel US
164.0 litre	1 barrel imp
mass	
1.0 g	0.035 oz (avoirdupois)
28.35 g	1 oz (avoirdupois)
454.0 g (0.454 kg)	1 lb
1 000.0 g (1 kg)	2.205 lb
45.36 kg	1 cwt US
50.8 kg	1 cwt imp
907.2 kg (0.907 t)	1 ton US
1 000.0 kg (1.0 t)	0.984 ton imp
1 000.0 kg (1.0 t)	1.102 ton US
1 016.0 kg (1.016 t)	1 ton imp
mass/unit length	
0.496 kg/m	1 lb/yd
0.564 kg/m (0.564 t/km)	1 ton US/mile
0.631 kg/m (0.631 t/km)	1 ton imp/mile
1.0 kg/m	0.056 lb/in (0.896 oz/in)
1.116 kg/m	1 oz/in
1.488 kg/m	1 lb/ft
17.86 kg/m	1 lb/in
length/unit mass	
1.0 m/kg	0.496 yd/lb
2.016 m/kg	1 yd/lb

metric	'imperial'/US
mass/unit area	
1.0 g/m ²	0.003 oz/ft ²
33.91 g/m ²	1 oz/yd ²
305.15 g/m ²	1 oz/ft ²
0.011 kg/m ²	1 cwt US/acre
0.013 kg/m ²	1 cwt imp/acre
0.224 kg/m ²	1 ton US/acre
0.251 kg/m ²	1 ton imp/acre
1.0 kg/m ²	29.5 oz/yd ²
4.882 kg/m ²	1 lb/ft ²
703.07 kg/m ²	1 lb/in ²
350.3 kg/km ² (3.503 kg/ha; 0.35 g/m ²)	1 ton US/mile ²
392.3 kg/km ² (3.923 kg/ha; 0.392 g/m ²)	1 ton imp/mile ²
density (mass/volume)	
0.593 kg/m ³	1 lb/yd ³
1.0 kg/m ³	0.062 lb/ft ³
16.02 kg/m ³	1 lb/ft
1 186.7 kg/m ³ (1.187 t/m ³)	1 ton US/yd ³
1 328.9 kg/m ³ (1.329 t/m ³)	1 ton imp/yd ³
27 680.0 kg/m ³ (27.68 t/m ³ ; 27.68 g/cm ³)	1 lb/in ³
specific surface (area/unit mass)	
0.823 m ² /t	1 yd ² /ton
1.0 m ² /kg	0.034 yd ² /oz
29.493 m ² /kg	1 yd ² /oz
area/unit capacity	
0.184 m ² /l	1 yd ² /gal
1.0 m ² /l	5.437 yd ² /gal
concentration	
0.014 kg/m ³	1 grain/gal imp
0.017 kg/m ³	1 grain/gal US
1.0 kg/m ³ (1.0 g/l)	58.42 grain/gal US
1.0 kg/m ³ (1.0 g/l)	70.16 grain/gal imp
6.236 kg/m ³	1 oz/gal imp
7.489 kg/m ³	1 oz/gal US
mass rate of flow	
0.454 kg/s	1 lb/s
1.0 kg/s	2.204 lb/s
volume rate of flow	
0.063 l/s	1 gal US/minute
0.076 l/s	1 gal imp/minute
0.472 l/s	1 ft ³ /minute
1.0 l/s (86.4 m ³ /day)	13.2 gal imp/s
1.0 l/s	0.264 gal US/s
1.0 l/min	0.22 gal imp/min
1.0 l/min	0.264 gal US/min
3.785 l/s	1 gal US/s
4.546 l/s	1 gal imp/s
28.32 l/s	1 ft ³ /s
0.0038 m ³ /min	1 gal US/min
0.0045 m ³ /min	1 gal imp/min
1.0 m ³ /s	183.162 gal US/s
1.0 m ³ /s	219.969 gal imp/s
1.0 m ³ /h	35.31 ft ³ /h
0.0283 m ³ /s	1 ft ³ /s
velocity	
0.005 m/s	1 ft/minute
0.025 m/s	1 in/s
0.305 m/s	1 ft/s
1.0 m/s	3.28 ft/s
1 000.0 m/hr (1 km/hr)	0.621 mile/hr
1 609.0 m/hr (0.447 m/s)	1 mile/hr

metric	'imperial'/US
fuel consumption	
1.0 l/km	0.354 gal imp/mile
1.0 l/km	0.425 gal US/mile
2.352 l/km	1 gal US/mile
2.824 l/km	1 gal imp/mile
acceleration	
0.305 m/s ²	1 ft/s ²
1.0 m/s ²	3.28 ft/s ²
9.806 m/s ² = g (standard acceleration due to gravity)	g = 32.172 ft/s ²
temperature	
X°C	(⁹ /5 X + 32) °F
$\frac{5}{9} \times (X - 32) ^\circ\text{C}$	X°F
temperature interval	
0.5556 K	1°F
1 K = 1°C	1.8°F
energy	
1.0 J	0.239 calorie
1.356 J	1 ft lbf
4.187 J	1.0 calorie
9.807 J (1 kgf m)	7.233 ft lbf
1055.06 J	1 Btu
3.6 MJ	1 kilowatt-hr
105.5 MJ	1 therm (100 000 Btu)
power (energy/time)	
0.293 W	1 Btu/hr
1.0 W	0.738 ft lbf/s
1.163 W	1.0 kilocalorie/hr
1.356 W	1 ft lbf/s
4.187 W	1 calorie/s
1 kgf m/s (9.807 W)	7.233 ft lbf/s
745.7 W	1 horsepower
1 metric horsepower (75 kgf m/s)	0.986 horsepower
intensity of heat flow rate	
1 W/m ²	0.317 Btu/(ft ² hr)
3.155 W/m ²	1.0 Btu/(ft ² hr)
thermal conductivity	
0.144 W/(m.K)	1 Btu in/(ft ² hr °F)
1.0 W/(m.K)	6.933 Btu in/(ft ² hr °F)
thermal conductance	
1.0 W/(m ² .K)	0.176 Btu/(ft ² hr °F)
5.678 W/(m ² .K)	1.0 Btu/(ft ² hr °F)
thermal resistivity	
1.0 m K/W	0.144 ft ² hr °F/(Btu in)
6.933 m K/W	1.0 ft ² hr °F/(Btu in)
specific heat capacity	
1.0 kJ/(kg.K)	0.239 Btu/(lb °F)
4.187 kJ/(kg.K)	1.0 Btu/(lb °F)
1.0 kJ/(m ³ .K)	0.015 Btu/(ft ³ °F)
67.07 kJ/(m ³ .K)	1.0 Btu/(ft ³ °F)
specific energy	
1.0 kJ/kg	0.43 Btu/lb
2.326 kJ/kg	1.0 Btu/lb
1.0 kJ/m ³ (1 kJ/l)	0.027 Btu/ft ³
1.0 J/l	0.004 Btu/gal
232.1 J/l	1.0 Btu/gal

metric	'imperial'/US
refrigeration	
3.517 kW	12 000 Btu/hr = 'ton of refrigeration'
illumination	
1 lx (1 lumen/m ²)	0.093 ft-candle (0.093 lumen/ft ²)
10.764 lx	1.0 ft-candle (1 lumen/ft ²)
luminance	
0.3183 cd/m ²	1 apostilb
1.0 cd/m ²	0.000645 cd/ft ²
10.764 cd/m ²	1 cd/ft ²
1 550.0 cd/m ²	1.0 cd/in ²
force	
1.0 N	0.225 lbf
1.0 kgf (9.807 N; 1.0 kilopond)	2.205 lbf
4.448 kN	1.0 kipf (1 000 lbf)
8.897 kN	1.0 tonf US
9.964 kN	1.0 tonf imp
force/unit length	
1.0 N/m	0.067 lbf/ft
14.59 N/m	1.0 lbf/ft
32.69 kN/m	1.0 tonf/ft
175.1 kN/m (175.1 N/mm)	1.0 lbf/in
moment of force (torque)	
0.113 Nm (113.0 Nmm)	1.0 lbf in
1.0 Nm	0.738 lbf ft
1.356 Nm	1.0 lbf ft
113.0 Nm	1.0 kipf in
253.1 Nm	1.0 tonf in
1356.0 Nm	1.0 kipf ft
3037.0 Nm	1.0 tonf ft
pressure	
1.0 Pa (1.0 N/m ²)	0.021 lbf/ft ²
1.0 kPa	0.145 lbf/in ²
100.0 Pa	1.0 millibar
2.99 kPa	1 ft water
3.39 kPa	1 in mercury
6.9 kPa	1.0 lbf/in ²
100.0 kPa	1.0 bar
101.33 kPa	1.0 standard atmosphere
107.25 kPa	1.0 tonf/ft ²
15.44 MPa	1.0 tonf/in ²

CONVERSIONS

mm	0	1	2	3	4	5	6	7	8	9
in										
0		0.04	0.08	0.11	0.16	0.2	0.24	0.28	0.31	0.35
10	0.39	0.43	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.75
20	0.79	0.83	0.87	0.91	0.94	0.98	1.02	1.06	1.1	1.14
30	1.18	1.22	1.25	1.3	1.34	1.38	1.41	1.46	1.5	1.57
40	1.57	1.61	1.65	1.69	1.73	1.77	1.81	1.85	1.89	1.93
50	1.97	2.00	2.05	2.09	2.13	2.17	2.21	2.24	2.28	2.32
60	2.36	2.4	2.44	2.48	2.52	2.56	2.6	2.64	2.68	2.72
70	2.76	2.8	2.83	2.87	2.91	2.95	3.0	3.03	3.07	3.11
80	3.15	3.19	3.23	3.27	3.31	3.35	3.39	3.42	3.46	3.5
90	3.54	3.58	3.62	3.66	3.7	3.74	3.78	3.82	3.86	3.9
100	3.94	3.98	4.02	4.06	4.09	4.13	4.17	4.21	4.25	4.29
110	4.33	4.37	4.41	4.45	4.49	4.53	4.57	4.61	4.65	4.69
120	4.72	4.76	4.8	4.84	4.88	4.92	4.96	5.0	5.04	5.08
130	5.12	5.16	5.2	5.24	5.28	5.31	5.35	5.39	5.43	5.47
140	5.51	5.55	5.59	5.63	5.67	5.71	5.75	5.79	5.83	5.87
150	5.91	5.94	5.98	6.02	6.06	6.1	6.14	6.18	6.22	6.26
160	6.3	6.34	6.38	6.42	6.46	6.5	6.54	6.57	6.61	6.65
170	6.69	6.73	6.77	6.81	6.85	6.89	6.93	6.97	7.01	7.05
180	7.09	7.13	7.17	7.21	7.24	7.28	7.32	7.36	7.4	7.44
190	7.48	7.52	7.56	7.6	7.64	7.68	7.72	7.76	7.8	7.83
200	7.87	7.91	7.95	7.99	8.03	8.07	8.11	8.15	8.19	8.23
210	8.27	8.31	8.35	8.39	8.43	8.46	8.5	8.54	8.58	8.62
220	8.66	8.7	8.74	8.78	8.82	8.86	8.9	8.94	8.98	9.02
230	9.06	9.09	9.13	9.17	9.21	9.25	9.29	9.33	9.37	9.41
240	9.45	9.49	9.53	9.57	9.61	9.65	9.69	9.72	9.76	9.8
250	9.84									

Length

1
millimetres
to inches

in	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
mm										
0.0		0.0254	0.0508	0.0762	0.1016	0.127	0.1524	0.1778	0.2032	0.2286
0.01	0.254	0.2794	0.3048	0.3302	0.3556	0.381	0.4064	0.4318	0.4572	0.4826
0.02	0.508	0.5334	0.5588	0.5842	0.6096	0.635	0.6604	0.6858	0.7112	0.7366
0.03	0.762	0.7874	0.8128	0.8382	0.8636	0.889	0.9144	0.9398	0.9652	0.9906
0.04	1.016	1.0414	1.0668	1.0922	1.1176	1.143	1.1684	1.1938	1.2192	1.2446
0.05	1.27	1.2954	1.3208	1.3462	1.3716	1.397	1.4224	1.4478	1.4732	1.4986
0.06	1.524	1.5494	1.5748	1.6002	1.6256	1.651	1.6764	1.7018	1.7272	1.7526
0.07	1.778	1.8034	1.8288	1.8542	1.8796	1.905	1.9304	1.9558	1.9812	2.0066
0.08	2.032	2.0574	2.0828	2.1082	2.1336	2.159	2.1844	2.2098	2.2352	2.2606
0.09	2.286	2.3114	2.3368	2.3622	2.3876	2.413	2.4384	2.4638	2.4892	2.5146
0.1	2.54									

2
decimals of
inch to
millimetres

in	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16
mm															
1	25.4	27.0	28.6	30.2	31.8	33.3	34.9	36.5	38.1	39.7	41.3	42.9	44.5	46.0	47.6
2	50.8	52.4	54.0	55.6	57.2	58.7	60.3	61.9	63.5	65.1	66.7	68.3	69.9	71.4	73.0
3	76.2	77.8	79.4	81.0	82.6	84.1	85.7	87.3	88.9	90.5	92.1	93.7	95.3	96.8	98.4
4	101.6	103.2	104.8	106.4	108.0	109.5	111.1	112.7	114.3	115.9	117.5	119.1	120.7	122.2	123.8
5	127.0	128.6	130.2	131.8	133.4	134.9	136.5	138.1	139.7	141.3	142.9	144.5	146.1	147.6	149.2
6	152.4	154.0	155.6	157.2	158.8	160.3	161.9	163.5	165.1	166.7	168.3	169.9	171.5	173.0	174.6
7	177.8	179.4	181.0	182.6	184.2	185.7	187.3	188.9	190.5	192.1	193.7	195.3	196.9	198.4	200.0
8	203.2	204.8	206.4	208.0	209.6	211.1	212.7	214.3	215.9	217.5	219.1	220.7	222.3	223.8	225.4
9	228.6	230.2	231.8	233.4	235.0	236.5	238.1	239.7	241.3	242.9	244.5	246.1	247.7	249.2	250.8
10	254.0	255.6	257.2	258.8	260.4	261.9	263.5	265.1	266.7	268.3	269.9	271.5	273.1	274.6	276.2

3
inches and
fractions of
inch to
millimetres

in	0	1	2	3	4	5	6	7	8	9	10	11
m												
ft												
0		0.0254	0.0508	0.0762	0.1016	0.127	0.1524	0.1778	0.2032	0.2286	0.254	0.2794
1	0.3048	0.3302	0.3556	0.381	0.4064	0.4318	0.4572	0.4826	0.508	0.5334	0.5588	0.5842
2	0.6096	0.635	0.6604	0.6858	0.7112	0.7366	0.762	0.7874	0.8128	0.8382	0.8636	0.889
3	0.9144	0.9398	0.9652	0.9906	1.016	1.0414	1.0668	1.0922	1.1176	1.143	1.1684	1.1938
4	1.2192	1.2446	1.27	1.2954	1.3208	1.3462	1.3716	1.397	1.4224	1.4478	1.4732	1.4986
5	1.524	1.5494	1.5748	1.6002	1.6256	1.651	1.6764	1.7018	1.7272	1.7526	1.778	1.8034
6	1.8288	1.8542	1.8796	1.905	1.9304	1.9558	1.9812	2.0066	2.032	2.0574	2.0828	2.1082
7	2.1336	2.159	2.1844	2.2098	2.2352	2.2606	2.286	2.3114	2.3368	2.3622	2.3876	2.413
8	2.4384	2.4638	2.4892	2.5146	2.54	2.5654	2.5908	2.6162	2.6416	2.667	2.6924	2.7178
9	2.7432	2.7686	2.794	2.8194	2.8448	2.8702	2.8956	2.921	2.9464	2.9718	2.9972	3.0226
10	3.048											

4
feet and
inches to
metres

5
metres to
feet

m	0	1	2	3	4	5	6	7	8	9
	ft									
0		3.28	6.56	9.84	13.12	16.40	19.69	22.97	26.25	29.53
10	32.8	36.09	39.37	42.65	45.93	49.21	52.49	55.77	59.06	62.34
20	65.62	68.9	72.17	75.45	78.74	82.02	85.3	88.58	91.86	95.14
30	98.43	101.7	104.99	108.27	111.55	114.82	118.11	121.39	124.67	127.95
40	131.23	134.51	137.8	141.08	144.36	147.63	150.91	154.2	157.48	160.76
50	164.04	167.32	170.6	173.89	177.17	180.45	183.73	187.01	190.29	193.57
60	196.85	200.13	203.41	206.69	209.97	213.25	216.54	219.82	223.1	226.38
70	229.66	232.94	236.22	239.5	242.78	246.06	249.34	252.63	255.91	259.19
80	262.46	265.75	269.03	272.31	275.59	278.87	282.15	285.43	288.71	292.0
90	295.28	298.56	301.84	305.12	308.4	311.68	314.96	318.24	321.52	324.8
100	328.08	331.37	334.65	337.93	341.21	344.49	347.77	351.05	354.33	357.61
110	360.89	364.17	367.45	370.74	374.02	377.3	380.58	383.86	387.14	390.42
120	393.7	396.98	400.26	403.54	406.82	410.1	413.39	416.67	419.95	423.23
130	426.51	429.79	433.07	436.35	439.63	442.91	446.19	449.48	452.76	456.04
140	459.32	462.6	465.88	469.16	472.44	475.72	479.0	482.28	485.56	488.85
150	492.13	495.41	498.69	502.0	505.25	508.53	511.81	515.09	518.37	521.65
160	524.93	528.22	531.5	534.78	538.06	541.34	544.62	547.9	551.18	554.46
170	557.74	561.02	564.3	567.59	570.87	574.15	577.43	580.71	583.99	587.27
180	590.55	593.83	597.11	600.39	603.68	606.96	610.24	613.52	616.8	620.08
190	623.36	626.64	629.92	633.2	636.48	639.76	643.05	646.33	649.6	652.89
200	656.17	659.45	662.73	666.01	669.29	672.57	675.85	679.13	682.42	685.7
210	688.98	692.26	695.54	698.82	702.1	705.38	708.66	711.94	715.22	718.5
220	721.79	725.07	728.35	731.63	734.91	738.19	741.47	744.75	748.03	751.31
230	754.59	757.87	761.16	764.44	767.72	771.0	774.28	777.56	780.84	784.12
240	787.4	790.68	793.96	797.24	800.53	803.81	807.09	810.37	813.65	816.93
250	820.21									

7
metres to
yards

m	0	1	2	3	4	5	6	7	8	9
	yd									
0		1.09	2.19	3.28	4.37	5.47	6.56	7.66	8.75	9.84
10	10.94	12.03	13.12	14.22	15.31	16.4	17.5	18.59	19.69	20.78
20	21.87	22.97	24.06	25.15	26.25	27.34	28.43	29.53	30.62	31.71
30	32.8	33.9	35.0	36.09	37.18	38.28	39.37	40.46	41.56	42.65
40	43.74	44.84	45.93	47.03	48.12	49.21	50.31	51.4	52.49	53.59
50	54.68	55.77	56.87	57.96	59.06	60.15	61.24	62.34	63.43	64.52
60	65.62	66.71	67.8	68.9	69.99	71.08	72.18	73.27	74.37	75.46
70	76.55	77.65	78.74	79.83	80.93	82.02	83.11	84.21	85.3	86.4
80	87.49	88.58	89.68	90.77	91.86	92.96	94.05	95.14	96.24	97.33
90	98.43	99.52	100.61	101.71	102.8	103.89	104.99	106.08	107.17	108.27
100	109.36	110.46	111.55	112.64	113.74	114.83	115.92	117.02	118.11	119.2
110	120.3	121.39	122.49	123.58	124.67	125.74	126.86	127.95	129.05	130.14
120	131.23	132.33	133.42	134.51	135.61	136.7	137.8	138.89	139.99	141.08
130	142.17	143.26	144.36	145.45	146.54	147.64	148.73	149.83	150.92	152.01
140	153.1	154.2	155.29	156.39	157.48	158.57	159.67	160.76	161.86	162.95
150	164.04	165.14	166.23	167.32	168.42	169.51	170.6	171.7	172.79	173.89
160	174.98	176.07	177.17	178.26	179.35	180.45	181.54	182.63	183.73	184.82
170	185.91	187.0	188.1	189.2	190.29	191.38	192.48	193.57	194.66	195.76
180	196.85	197.94	199.04	200.13	201.23	202.32	203.41	204.51	205.6	206.69
190	207.79	208.88	209.97	211.07	212.16	213.26	214.35	215.44	216.53	217.63
200	218.72	219.82	220.91	222.0	223.1	224.19	225.28	226.38	227.47	228.57
210	229.66	230.75	231.85	232.94	234.03	235.13	236.22	237.31	238.41	239.5
220	240.56	241.69	242.78	243.88	244.97	246.06	247.16	248.25	249.34	250.44
230	251.53	252.63	253.72	254.81	255.91	257.0	258.09	259.19	260.28	261.37
240	262.47	263.56	264.65	265.75	266.84	267.94	269.03	270.12	271.22	272.31
250	273.4									

9
kilometres
to miles

km	0	1	2	3	4	5	6	7	8	9
	mile									
0		0.62	1.24	1.86	2.49	3.11	3.73	4.35	4.98	5.59
10	6.21	6.84	7.46	8.08	8.7	9.32	9.94	10.56	11.18	11.81
20	12.43	13.05	13.67	14.29	14.91	15.53	16.16	16.78	17.4	18.02
30	18.64	19.29	19.88	20.5	21.13	21.75	22.37	22.99	23.61	24.23
40	24.85	25.47	26.1	26.72	27.34	27.96	28.58	29.2	29.83	30.45
50	31.07	31.69	32.31	32.93	33.55	34.18	34.8	35.42	36.04	36.66
60	37.28	37.9	38.53	39.15	39.77	40.39	41.01	41.63	42.25	42.87
70	43.5	44.12	44.74	45.36	45.98	46.6	47.22	47.85	48.47	49.09
80	49.7	50.33	50.95	51.57	52.2	52.82	53.44	54.06	54.68	55.3
90	55.92	56.54	57.17	57.79	58.41	59.03	59.65	60.27	60.89	61.52
100	62.14									

CONVERSIONS

ft	0	1	2	3	4	5	6	7	8	9
	m									
0		0.31	0.6	0.91	1.22	1.52	1.83	2.13	2.44	2.74
10	3.05	3.35	3.66	3.96	4.27	4.57	4.88	5.18	5.49	5.79
20	6.1	6.4	6.71	7.01	7.31	7.62	7.92	8.23	8.53	8.84
30	9.14	9.45	9.75	10.06	10.36	10.67	10.97	11.28	11.58	11.89
40	12.19	12.5	12.80	13.1	13.41	13.72	14.02	14.36	14.63	14.94
50	15.24	15.54	15.85	16.15	16.46	16.76	17.07	17.37	17.68	17.98
60	18.29	18.59	18.9	19.2	19.58	19.81	20.12	20.42	20.73	21.03
70	21.33	21.64	21.95	22.25	22.56	22.86	23.16	23.47	23.77	24.08
80	24.38	24.69	24.99	25.3	25.6	25.91	26.21	26.52	26.82	27.13
90	27.43	27.74	28.04	28.35	28.65	28.96	29.26	29.57	29.87	30.18
100	30.48	30.78	31.09	31.39	31.7	32.0	32.31	32.61	32.92	33.22
110	33.53	33.83	34.14	34.44	34.75	35.05	35.37	35.67	36.0	36.3
120	36.58	36.88	37.19	37.49	37.8	38.1	38.41	38.7	39.01	39.32
130	39.62	39.93	40.23	40.54	40.84	41.15	41.45	41.76	42.06	42.37
140	42.67	42.98	43.28	43.59	43.89	44.2	44.5	44.81	45.11	45.46
150	45.72	46.02	46.33	46.63	46.94	47.24	47.55	47.85	48.16	48.46
160	48.77	49.07	49.38	49.68	49.99	50.29	50.6	50.9	51.21	51.51
170	51.82	52.12	52.43	52.73	53.04	53.34	53.64	53.95	54.25	54.56
180	54.86	55.17	55.47	55.78	56.08	56.39	56.69	57.0	57.3	57.61
190	57.91	58.22	58.52	58.83	59.13	59.44	59.74	60.05	60.35	60.66
200	60.96	61.26	61.57	61.87	62.18	62.48	62.79	63.09	63.4	63.7
210	64.01	64.31	64.62	64.92	65.23	65.53	65.84	66.14	66.45	66.75
220	67.06	67.36	67.67	67.97	68.28	68.58	68.89	69.19	69.49	69.79
230	70.1	70.41	70.71	71.02	71.32	71.63	71.93	72.24	72.54	72.85
240	73.15	73.46	73.76	74.07	74.37	74.68	74.98	75.29	75.59	75.9
250	76.2									

6
feet to
metres

yd	0	1	2	3	4	5	6	7	8	9
	m									
0		0.91	1.83	2.74	3.65	4.57	5.49	6.4	7.32	8.23
10	9.14	10.06	10.97	11.89	12.8	13.71	14.63	15.54	16.46	17.37
20	18.29	19.2	20.12	21.03	21.95	22.86	23.77	24.69	25.6	26.52
30	27.43	28.35	29.26	30.18	31.09	32.0	32.92	33.83	34.75	35.66
40	36.58	37.49	38.4	39.32	40.23	41.15	42.06	42.98	43.89	44.81
50	45.72	46.63	47.55	48.46	49.38	50.29	51.21	52.12	53.04	53.95
60	54.86	55.78	56.69	57.61	58.52	59.44	60.35	61.27	62.18	63.09
70	64.0	64.92	65.84	66.75	67.67	68.58	69.49	70.41	71.32	72.24
80	73.15	74.07	74.98	75.9	76.81	77.72	78.64	79.55	80.47	81.38
90	82.3	83.21	84.12	85.04	85.95	86.87	87.78	88.7	89.61	90.53
100	91.44	92.35	93.27	94.18	95.1	96.01	96.93	97.84	98.76	99.67
110	100.58	101.5	102.41	103.33	104.24	105.16	106.07	106.99	107.9	108.81
120	109.73	110.64	111.56	112.47	113.39	114.3	115.21	116.13	117.04	117.96
130	118.87	119.79	120.7	121.61	122.53	123.44	124.36	125.27	126.19	127.1
140	128.02	128.93	129.85	130.76	131.67	132.59	133.5	134.42	135.33	136.25
150	137.16	138.07	138.99	139.9	140.82	141.73	142.65	143.56	144.48	145.39
160	146.3	147.22	148.13	149.05	149.96	150.88	151.79	152.71	153.62	154.53
170	155.45	156.36	157.28	158.19	159.11	160.02	160.93	161.85	162.76	163.68
180	164.59	165.51	166.42	167.34	168.25	169.16	170.08	170.99	171.9	172.82
190	173.74	174.65	175.57	176.48	177.39	178.31	179.22	180.14	181.05	181.97
200	182.88	183.79	184.71	185.62	186.54	187.45	188.37	189.28	190.2	191.11
210	192.02	192.94	193.85	194.77	195.68	196.6	197.51	198.43	199.34	200.25
220	201.17	202.08	203.0	203.91	204.83	205.74	206.65	207.57	208.48	209.4
230	210.31	211.23	212.14	213.06	213.97	214.88	215.8	216.71	217.63	218.54
240	219.46	220.37	221.29	222.0	223.11	224.03	224.94	225.86	226.77	227.69
250	228.6									

8
yards to
metres

mile	0	1	2	3	4	5	6	7	8	9
	km									
0		1.61	3.22	4.83	6.44	8.05	9.66	11.27	12.87	14.48
10	16.09	17.7	19.31	20.92	22.53	24.14	25.75	27.36	28.97	30.58
20	32.19	33.8	35.41	37.01	38.62	40.23	41.84	43.45	45.06	46.67
30	48.28	49.89	51.5	53.11	54.72	56.33	57.94	59.55	61.16	62.76
40	64.37	65.98	67.59	69.2	70.81	72.42	74.03	75.64	77.25	78.86
50	80.47	82.08	83.69	85.3	86.9	88.51	90.12	91.73	93.34	94.95
60	96.56	98.17	99.78	101.39	103.0	104.61	106.22	107.83	109.44	111.05
70	112.65	114.26	115.87	117.48	119.09	120.7	122.31	123.92	125.53	127.14
80	128.75	130.36	131.97	133.58	135.19	136.79	138.4	140.01	141.62	143.23
90	144.84	146.45	148.06	149.67	151.28	152.89	154.5	156.11	157.72	159.33
100	160.93									

10
miles to
kilometres

Area	cm ²	0	1	2	3	4	5	6	7	8	9
	in ²										
11	0		0.16	0.31	0.47	0.62	0.78	0.93	1.09	1.24	1.4
square	10	1.6	1.71	1.86	2.02	2.17	2.33	2.48	2.64	2.79	2.95
centimetres	20	3.1	3.26	3.41	3.57	3.72	3.88	4.03	4.19	4.34	4.5
to square	30	4.65	4.81	4.96	5.12	5.27	5.43	5.58	5.74	5.9	6.05
inches	40	6.2	6.36	6.51	6.67	6.82	6.98	7.13	7.29	7.44	7.6
	50	7.75	7.91	8.06	8.22	8.37	8.53	8.68	8.84	9.0	9.15
	60	9.3	9.46	9.61	9.77	9.92	10.08	10.23	10.39	10.54	10.7
	70	10.85	11.01	11.16	11.32	11.47	11.63	11.78	11.94	12.09	12.25
	80	12.4	12.56	12.71	12.87	13.02	13.18	13.33	13.49	13.64	13.8
	90	13.95	14.11	14.26	14.42	14.57	14.73	14.88	15.04	15.19	15.35
	100	15.5	15.66	15.81	15.97	16.12	16.28	16.43	16.59	16.74	16.9
	110	17.05	17.21	17.36	17.52	17.67	17.83	17.98	18.14	18.29	18.45
	120	18.6	18.76	18.91	19.07	19.22	19.38	19.53	19.69	19.84	20.0
	130	20.15	20.31	20.46	20.62	20.77	20.93	21.08	21.24	21.39	21.55
	140	21.7	21.86	22.01	22.17	22.32	22.48	22.63	22.79	22.94	23.1
	150	23.25	23.41	23.56	23.72	23.87	24.03	24.18	24.34	24.49	24.65
	160	24.8	24.96	25.11	25.27	25.42	25.58	25.73	25.89	26.04	26.2
	170	26.35	26.51	26.66	26.82	26.97	27.13	27.28	27.44	27.59	27.75
	180	27.9	28.06	28.21	28.37	28.52	28.68	28.83	28.99	29.14	29.3
	190	29.45	29.61	29.76	29.92	30.07	30.23	30.38	30.54	30.69	30.85
	200	31.0	31.16	31.31	31.47	31.62	31.78	31.93	32.09	32.24	32.4
	210	32.55	32.71	32.86	33.02	33.17	33.33	33.48	33.64	33.79	33.95
	220	34.1	34.26	34.41	34.57	34.72	34.88	35.03	35.19	35.34	35.5
	230	35.65	35.81	35.96	36.12	36.27	36.43	36.58	36.75	36.89	37.05
	240	37.20	37.36	37.51	37.67	37.82	37.98	38.13	38.29	38.44	38.6
	250	38.75									
13	m ²	0	1	2	3	4	5	6	7	8	9
square	ft ²										
metres	0		10.76	21.53	32.29	43.06	53.82	64.58	75.35	86.11	96.88
to square	10	107.64	118.4	129.17	139.93	150.66	161.46	172.22	182.97	193.75	204.51
feet	20	215.29	226.01	236.81	247.57	258.33	269.1	279.86	290.63	301.39	312.15
	30	322.92	333.68	344.45	355.21	365.97	376.74	387.5	398.27	409.03	419.79
	40	430.56	441.32	452.08	462.85	473.61	484.38	495.14	505.91	516.67	527.43
	50	538.2	548.96	559.72	570.49	581.25	592.02	602.78	613.54	624.31	635.07
	60	645.84	656.6	667.36	678.13	688.89	699.65	710.42	721.18	731.95	742.71
	70	753.47	764.24	775.0	785.77	796.53	807.29	818.06	828.82	839.59	850.35
	80	861.11	871.88	882.64	893.41	904.17	914.93	925.7	936.46	947.22	957.99
	90	968.75	979.52	990.28	1 001.04	1 011.81	1 022.57	1 033.34	1 044.1	1 054.86	1 065.63
	100	1 076.39	1 087.15	1 097.92	1 108.68	1 119.45	1 130.21	1 140.97	1 151.74	1 162.5	1 173.27
	110	1 184.03	1 194.79	1 205.56	1 216.32	1 227.09	1 237.85	1 248.61	1 259.38	1 270.14	1 280.91
	120	1 291.67	1 302.43	1 313.2	1 323.96	1 334.72	1 345.49	1 356.25	1 367.02	1 377.78	1 388.54
	130	1 399.31	1 410.07	1 420.84	1 431.6	1 442.36	1 453.13	1 463.89	1 474.66	1 485.42	1 496.18
	140	1 506.95	1 517.71	1 528.48	1 539.24	1 550.0	1 560.77	1 571.53	1 582.29	1 593.06	1 603.82
	150	1 614.59	1 625.35	1 636.11	1 646.88	1 657.64	1 668.41	1 679.17	1 689.93	1 700.7	1 711.46
	160	1 722.23	1 732.99	1 743.75	1 754.52	1 765.28	1 776.05	1 786.81	1 797.57	1 808.34	1 819.1
	170	1 829.86	1 840.63	1 851.39	1 862.16	1 872.92	1 883.68	1 894.45	1 905.21	1 915.98	1 926.74
	180	1 937.5	1 948.27	1 959.03	1 969.8	1 980.56	1 991.32	2 002.09	2 012.85	2 023.62	2 034.38
	190	2 045.14	2 055.91	2 066.67	2 077.43	2 088.2	2 098.96	2 109.73	2 120.49	2 131.25	2 142.02
	200	2 152.78	2 163.55	2 174.31	2 185.07	2 195.84	2 206.6	2 217.37	2 228.13	2 238.89	2 249.66
	210	2 260.42	2 271.19	2 281.95	2 292.71	2 303.48	2 314.24	2 325.0	2 335.77	2 346.53	2 357.3
	220	2 368.06	2 378.82	2 389.59	2 400.35	2 411.12	2 421.88	2 432.64	2 443.41	2 454.17	2 464.94
	230	2 475.7	2 486.46	2 497.23	2 507.99	2 518.76	2 529.52	2 540.28	2 551.05	2 561.81	2 572.57
	240	2 583.34	2 594.1	2 604.87	2 615.63	2 626.39	2 637.16	2 647.92	2 658.69	2 669.45	2 680.21
	250	2 690.98	2 701.74	2 712.51	2 723.27	2 734.03	2 744.8	2 755.56	2 766.32	2 777.09	2 787.85
	260	2 798.62	2 809.38	2 820.14	2 830.91	2 841.67	2 852.44	2 863.2	2 873.96	2 884.73	2 895.49
	270	2 906.26	2 917.02	2 927.78	2 938.55	2 949.31	2 960.08	2 970.84	2 981.6	2 992.37	3 003.13
	280	3 013.89	3 024.66	3 035.42	3 046.19	3 056.95	3 067.71	3 078.48	3 089.24	3 100.01	3 110.77
	290	3 121.53	3 132.3	3 143.06	3 153.83	3 164.59	3 175.35	3 186.12	3 196.88	3 207.65	3 218.41
	300	3 229.17	3 239.94	3 250.7	3 261.46	3 272.23	3 282.99	3 293.76	3 304.52	3 315.28	3 326.05
	310	3 336.81	3 347.58	3 358.34	3 369.1	3 379.87	3 390.63	3 401.4	3 412.16	3 422.92	3 433.69
	320	3 444.45	3 455.22	3 465.98	3 476.74	3 487.51	3 498.27	3 509.03	3 519.8	3 530.56	3 541.33
	330	3 552.09	3 562.85	3 573.62	3 584.38	3 595.15	3 605.91	3 616.67	3 627.44	3 638.2	3 648.97
	340	3 659.73	3 670.49	3 681.26	3 692.02	3 702.79	3 713.55	3 724.31	3 735.08	3 745.84	3 756.6
	350	3 767.37	3 778.13	3 788.9	3 799.66	3 810.42	3 821.19	3 831.95	3 842.72	3 853.48	3 864.24
	360	3 875.01	3 885.77	3 896.54	3 907.3	3 918.06	3 928.83	3 939.59	3 950.36	3 961.12	3 971.88
	370	3 982.65	3 993.41	4 004.17	4 014.94	4 025.7	4 036.47	4 047.23	4 057.99	4 068.76	4 079.52
	380	4 090.29	4 101.05	4 111.81	4 122.58	4 133.34	4 144.11	4 154.87	4 165.63	4 176.4	4 187.16
	390	4 197.93	4 208.69	4 219.45	4 230.22	4 240.98	4 251.74	4 262.51	4 273.27	4 284.04	4 294.8
	400	4 305.56	4 316.33	4 327.09	4 337.86	4 348.62	4 359.38	4 370.15	4 380.91	4 391.68	4 402.44
	410	4 413.2	4 423.97	4 434.73	4 445.49	4 456.26	4 467.02	4 477.79	4 488.55	4 499.31	4 510.08
	420	4 520.84	4 531.61	4 542.37	4 553.13	4 563.9	4 574.66	4 585.43	4 596.19	4 606.95	4 617.72
	430	4 628.48	4 639.25	4 650.01	4 660.77	4 671.54	4 682.3	4 693.06	4 703.83	4 714.59	4 725.36
	440	4 736.12	4 746.88	4 757.65	4 768.41	4 779.18	4 789.94	4 800.7	4 811.47	4 822.23	4 833.0
	450	4 843.76	4 854.52	4 865.29	4 876.05	4 886.82	4 897.58	4 908.34	4 919.11	4 929.87	4 940.63
	460	4 951.4	4 962.16	4 972.93	4 983.69	4 994.45	5 005.22	5 015.98	5 026.75	5 037.51	5 048.27
	470	5 059.04	5 069.8	5 080.57	5 091.33	5 102.09	5 112.86	5 123.62	5 134.39	5 145.15	5 155.91
	480	5 166.68	5 177.44	5 188.2	5 198.97	5 209.73	5 220.5	5 231.26	5 242.02	5 252.79	5 263.55
	490	5 274.32	5 285.08	5 295.84	5 306.61	5 317.37	5 328.14	5 338.9	5 349.66	5 360.43	5 371.19
	500	5 381.96									

CONVERSIONS

in ²	0	1	2	3	4	5	6	7	8	9
cm ²										
0										
0		6.45	12.9	19.36	25.81	32.26	38.71	45.16	51.61	58.06
10	64.52	70.97	77.41	83.87	90.32	96.77	103.23	109.68	116.13	122.58
20	129.03	135.48	141.94	148.39	154.84	161.29	167.74	174.19	180.65	187.1
30	193.55	200.0	206.45	212.9	219.35	225.8	232.26	238.71	245.16	251.61
40	258.06	264.52	270.97	277.42	283.87	290.32	296.77	303.23	309.68	316.13
50	322.58	329.03	335.48	341.94	348.4	354.84	361.29	367.74	374.19	380.64
60	387.1	393.55	400.0	406.45	412.91	419.35	425.81	432.26	438.71	445.16
70	451.61	458.06	464.52	470.97	477.42	483.87	490.32	496.77	503.23	509.68
80	516.13	522.58	529.03	535.48	541.93	548.39	554.84	561.29	567.74	574.19
90	580.64	587.1	593.55	600.0	606.45	612.91	619.35	625.81	632.26	638.71
100	645.16	651.61	658.06	664.51	670.97	677.42	683.87	690.32	696.77	703.22
110	709.6	716.13	722.58	729.03	735.48	741.93	748.39	754.84	761.29	767.74
120	774.19	780.64	787.1	793.55	800.0	806.45	812.9	819.35	825.81	832.26
130	838.71	845.16	851.61	858.06	864.51	870.97	877.42	883.87	890.32	896.77
140	903.22	909.68	916.13	922.58	929.03	935.48	941.93	948.39	954.84	961.29
150	967.74	974.19	980.64	987.1	993.55	1 000.00	1 006.45	1 012.9	1 019.35	1 025.8
160	1 032.26	1 038.71	1 045.16	1 051.61	1 058.06	1 064.51	1 070.97	1 077.42	1 083.87	1 090.32
170	1 096.77	1 103.22	1 109.68	1 116.13	1 122.58	1 129.03	1 135.48	1 141.93	1 148.38	1 154.84
180	1 161.29	1 167.74	1 174.19	1 180.64	1 187.09	1 193.55	1 200.0	1 206.45	1 212.9	1 219.35
190	1 225.8	1 232.26	1 238.71	1 245.16	1 251.61	1 258.06	1 264.51	1 270.97	1 277.42	1 283.87
200	1 290.32	1 296.77	1 303.22	1 309.67	1 316.13	1 322.58	1 329.03	1 335.48	1 341.93	1 348.38
210	1 354.84	1 361.29	1 367.74	1 374.19	1 380.64	1 387.09	1 393.55	1 400.0	1 406.45	1 412.9
220	1 419.35	1 425.8	1 432.26	1 438.71	1 445.16	1 451.61	1 458.06	1 464.51	1 470.96	1 477.42
230	1 483.87	1 490.32	1 496.77	1 503.22	1 509.67	1 516.13	1 522.58	1 529.03	1 535.48	1 541.93
240	1 548.38	1 554.84	1 561.29	1 567.74	1 574.19	1 580.64	1 587.09	1 593.55	1 600.0	1 606.45
250	1 612.9									

12
square
inches
to square
centimetres

ft ²	0	1	2	3	4	5	6	7	8	9
m ²										
0										
0		0.09	0.19	0.28	0.37	0.46	0.56	0.65	0.74	0.84
10	0.93	1.02	1.11	1.21	1.3	1.39	1.49	1.58	1.67	1.77
20	1.86	1.95	2.04	2.14	2.23	2.32	2.42	2.51	2.6	2.69
30	2.79	2.88	2.97	3.07	3.16	3.25	3.34	3.44	3.53	3.62
40	3.72	3.81	3.9	3.99	4.09	4.18	4.27	4.37	4.46	4.55
50	4.65	4.74	4.83	4.92	5.02	5.11	5.2	5.3	5.39	5.48
60	5.57	5.67	5.76	5.85	5.95	6.04	6.13	6.22	6.32	6.41
70	6.5	6.6	6.69	6.78	6.87	6.97	7.06	7.15	7.25	7.34
80	7.43	7.53	7.62	7.71	7.8	7.9	7.99	8.08	8.18	8.27
90	8.36	8.45	8.55	8.64	8.73	8.83	8.92	9.01	9.1	9.2
100	9.29	9.38	9.48	9.57	9.66	9.75	9.85	9.94	10.03	10.13
110	10.22	10.31	10.41	10.5	10.59	10.68	10.78	10.87	10.96	11.06
120	11.15	11.24	11.33	11.43	11.52	11.61	11.71	11.8	11.89	11.98
130	12.08	12.17	12.26	12.36	12.45	12.54	12.63	12.73	12.82	12.91
140	13.01	13.1	13.19	13.29	13.38	13.47	13.56	13.66	13.75	13.84
150	13.94	14.03	14.12	14.21	14.31	14.4	14.49	14.59	14.68	14.77
160	14.86	14.96	15.05	15.14	15.24	15.33	15.42	15.51	15.61	15.7
170	15.79	15.89	15.98	16.07	16.17	16.26	16.35	16.44	16.54	16.63
180	16.72	16.82	16.91	17.0	17.09	17.19	17.28	17.37	17.47	17.56
190	17.65	17.74	17.84	17.93	18.02	18.12	18.21	18.3	18.39	18.49
200	18.58	18.67	18.77	18.86	18.95	19.05	19.14	19.23	19.32	19.42
210	19.51	19.6	19.7	19.79	19.88	19.97	20.07	20.16	20.25	20.35
220	20.44	20.53	20.62	20.72	20.81	20.9	21.0	21.09	21.18	21.27
230	21.37	21.46	21.55	21.65	21.74	21.83	21.93	22.02	22.11	22.2
240	22.3	22.39	22.48	22.58	22.67	22.76	22.85	22.95	23.04	23.13
250	23.23	23.32	23.41	23.5	23.6	23.69	23.78	23.88	23.97	24.06
260	24.15	24.25	24.34	24.43	24.53	24.62	24.71	24.81	24.9	24.99
270	25.08	25.18	25.27	25.36	25.46	25.55	25.64	25.73	25.83	25.92
280	26.01	26.11	26.2	26.29	26.38	26.48	26.57	26.66	26.76	26.85
290	26.94	27.03	27.13	27.22	27.31	27.41	27.5	27.59	27.69	27.78
300	27.87	27.96	28.06	28.15	28.24	28.34	28.43	28.52	28.61	28.71
310	28.8	28.89	28.99	29.08	29.17	29.26	29.36	29.45	29.54	29.64
320	29.73	29.82	29.91	30.01	30.1	30.19	30.29	30.38	30.47	30.57
330	30.66	30.75	30.84	30.94	31.03	31.12	31.22	31.31	31.4	31.49
340	31.59	31.68	31.77	31.87	31.96	32.05	32.14	32.24	32.33	32.42
350	32.52	32.61	32.7	32.79	32.89	32.98	33.07	33.17	33.26	33.35
360	33.45	33.54	33.63	33.72	33.82	33.91	34.0	34.1	34.19	34.28
370	34.37	34.47	34.56	34.65	34.75	34.84	34.93	35.02	35.12	35.21
380	35.3	35.4	35.49	35.58	35.67	35.77	35.86	35.95	36.05	36.14
390	36.23	36.33	36.42	36.51	36.6	36.7	36.79	36.88	36.98	37.07
400	37.16	37.25	37.35	37.44	37.53	37.63	37.72	37.81	37.9	38.0
410	38.09	38.18	38.28	38.37	38.46	38.55	38.65	38.74	38.83	38.93
420	39.02	39.11	39.21	39.3	39.39	39.48	39.58	39.67	39.76	39.86
430	39.95	40.04	40.13	40.23	40.32	40.41	40.51	40.6	40.69	40.78
440	40.88	40.97	41.06	41.16	41.25	41.34	41.43	41.53	41.62	41.71
450	41.81	41.9	41.99	42.09	42.18	42.27	42.36	42.46	42.55	42.64
460	42.74	42.83	42.92	43.01	43.11	43.2	43.29	43.39	43.48	43.57
470	43.66	43.76	43.85	43.94	44.04	44.13	44.22	44.31	44.41	44.5
480	44.59	44.69	44.78	44.87	44.97	45.06	45.15	45.24	45.34	45.43
490	45.52	45.62	45.71	45.8	45.89	45.99	46.08	46.17	46.27	46.36
500	46.45									

14
square feet
to square
metres

15
square
metres
to square
yards

m ²	0	1	2	3	4	5	6	7	8	9
	yd ²									
0		1.2	2.39	3.58	4.78	5.98	7.18	8.37	9.57	10.76
10	11.96	13.16	14.35	15.55	16.74	17.94	19.14	20.33	21.53	22.72
20	23.92	25.12	26.31	27.51	28.7	29.9	31.1	32.29	33.49	34.68
30	35.88	37.08	38.27	39.47	40.66	41.86	43.06	44.25	45.45	46.64
40	47.84	49.04	50.23	51.43	52.62	53.82	55.02	56.21	57.41	58.6
50	59.8	61.0	62.19	63.39	64.58	65.78	66.98	68.17	69.37	70.56
60	71.76	72.96	74.15	75.35	76.54	77.74	78.94	80.13	81.33	82.52
70	83.72	84.92	86.11	87.31	88.5	89.7	90.9	92.09	93.29	94.48
80	95.68	96.88	98.07	99.27	100.46	101.66	102.86	104.05	105.25	106.44
90	107.64	108.84	110.03	111.23	112.42	113.62	114.82	116.01	117.21	118.4
100	119.6	120.8	121.99	123.19	124.38	125.58	126.78	127.97	129.17	130.36
110	131.56	132.76	133.95	135.15	136.34	137.54	138.74	139.93	141.13	142.32
120	143.52	144.72	145.91	147.11	148.31	149.5	150.7	151.89	153.09	154.28
130	155.48	156.68	157.87	159.07	160.26	161.46	162.66	163.85	165.05	166.24
140	167.44	168.64	169.83	171.03	172.22	173.41	174.62	175.81	177.01	178.2
150	179.34	180.59	181.79	182.99	184.18	185.38	186.57	187.77	188.97	190.16
160	191.36	192.55	193.75	194.95	196.14	197.34	198.53	199.73	200.93	202.12
170	203.32	204.51	205.71	206.91	208.1	209.3	210.49	211.69	212.89	214.08
180	215.28	216.47	217.67	218.87	220.06	221.26	222.45	223.65	224.85	226.04
190	227.24	228.43	229.63	230.83	232.02	233.22	234.41	235.61	236.81	238.0
200	239.2	240.39	241.59	242.79	243.98	245.18	246.37	247.57	248.77	249.96
210	251.16	252.35	253.55	254.75	255.94	257.14	258.33	259.53	260.73	261.92
220	263.12	264.31	265.51	266.71	267.9	269.1	270.29	271.49	272.69	273.88
230	275.08	276.27	277.47	278.67	279.86	281.06	282.25	283.45	284.65	285.84
240	287.04	288.23	289.43	290.63	291.82	293.02	294.21	295.41	296.61	297.8
250	299.0	300.19	301.39	302.59	303.78	304.98	306.17	307.37	308.57	309.76
260	310.96	312.15	313.35	314.55	315.74	316.94	318.13	319.33	320.53	321.72
270	322.92	324.11	325.31	326.51	327.7	328.9	330.09	331.29	332.49	333.68
280	334.88	336.07	337.27	338.47	339.66	340.86	342.05	343.25	344.45	345.64
290	346.84	348.03	349.23	350.43	351.62	352.82	354.02	355.21	356.41	357.6
300	358.78	359.99	361.19	362.39	363.58	364.78	365.97	367.17	368.37	369.56
310	370.76	371.95	373.15	374.35	375.54	376.74	377.94	379.13	380.33	381.52
320	382.72	383.91	385.11	386.31	387.5	388.7	389.89	391.09	392.29	393.48
330	394.68	395.87	397.07	398.27	399.46	400.66	401.85	403.05	404.25	405.44
340	406.64	407.83	409.03	410.23	411.42	412.62	413.81	415.01	416.21	417.4
350	418.6	419.79	420.99	422.18	423.38	424.58	425.77	426.97	428.16	429.36
360	430.56	431.75	432.95	434.14	435.34	436.54	437.73	438.93	440.12	441.32
370	442.52	443.71	444.91	446.11	447.3	448.5	449.69	450.89	452.08	453.28
380	454.48	455.67	456.87	458.06	459.26	460.46	461.65	462.84	464.04	465.24
390	466.44	467.63	468.83	470.02	471.22	472.42	473.61	474.81	476.0	477.2
400	478.4	479.59	480.79	481.98	483.18	484.38	485.57	486.77	487.96	489.16
410	490.36	491.55	492.75	493.94	495.14	496.34	497.53	498.73	499.92	501.12
420	502.32	503.51	504.71	505.9	507.1	508.3	509.49	510.69	511.88	513.08
430	514.28	515.47	516.67	517.86	519.06	520.26	521.45	522.65	523.84	525.04
440	526.24	527.43	528.63	529.82	531.02	532.22	533.41	534.61	535.8	537.0
450	538.2	539.39	540.59	541.78	542.98	544.18	545.37	546.57	547.76	548.96
460	550.16	551.35	552.55	553.74	554.94	556.14	557.33	558.53	559.72	560.92
470	562.12	563.31	564.5	565.71	566.9	568.1	569.29	570.49	571.68	572.88
480	574.08	575.27	576.47	577.66	578.86	580.06	581.25	582.45	583.64	584.84
490	586.04	587.23	588.43	589.62	590.82	592.02	593.21	594.41	595.6	596.8
500	598.0									

17
hectares
to acres

ha	0	1	2	3	4	5	6	7	8	9
	acre									
		2.47	4.94	7.41	9.88	12.36	14.83	17.3	19.77	22.24
ha	0	10	20	30	40	50	60	70	80	90
	acre									
0		24.71	49.42	74.13	98.84	123.55	148.26	172.97	197.68	222.4
100	247.11	271.82	296.53	321.24	345.95	370.66	395.37	420.08	444.8	469.5
200	494.21	518.92	543.63	568.34	593.05	617.76	642.47	667.19	691.9	716.61
300	741.32	766.03	790.74	815.45	840.16	864.87	889.58	914.29	939.0	963.71
400	988.42	1 013.13	1 037.84	1 062.55	1 087.26	1 111.97	1 136.68	1 161.4	1 186.11	1 210.82
500	1 235.53	1 260.24	1 284.95	1 309.66	1 334.37	1 359.08	1 383.79	1 408.5	1 433.21	1 457.92
600	1 482.63	1 507.34	1 532.05	1 556.76	1 581.47	1 606.18	1 630.9	1 655.61	1 680.32	1 705.03
700	1 729.74	1 754.45	1 779.16	1 803.87	1 828.58	1 853.29	1 878.0	1 902.71	1 927.42	1 952.13
800	1 976.84	2 001.55	2 026.26	2 050.97	2 075.69	2 100.4	2 125.11	2 149.82	2 174.53	2 199.24
900	2 223.95	2 248.66	2 273.37	2 298.08	2 322.79	2 347.5	2 372.21	2 396.92	2 421.63	2 446.34
1 000	2 471.05									

Volume

19
cubic
centimetres
to cubic
inches

cm ³	0	1	2	3	4	5	6	7	8	9
in ³										
		0.06	0.12	0.18	0.24	0.31	0.37	0.43	0.49	0.55
cm ³	0	10	20	30	40	50	60	70	80	90
in ³										
0		0.61	1.22	1.83	2.44	3.05	3.66	4.27	4.88	5.49
100	6.1	6.71	7.32	7.93	8.54	9.15	9.76	10.37	10.98	11.59
200	12.2	12.82	13.43	14.04	14.65	15.26	15.87	16.48	17.09	17.7
300	18.31	18.92	19.53	20.14	20.75	21.36	21.97	22.58	23.19	23.8
400	24.41	25.02	25.63	26.24	26.85	27.46	28.07	28.68	29.29	29.9
500	30.51	31.12	31.73	32.34	32.95	33.56	34.17	34.78	35.39	36.0
600	36.61	37.22	37.83	38.45	39.06	39.67	40.28	40.89	41.5	42.11
700	42.72	43.38	43.94	44.55	45.16	45.77	46.38	46.99	47.6	48.21
800	48.82	49.43	50.04	50.65	51.26	51.87	52.48	53.09	53.7	54.31
900	54.92	55.53	56.14	56.75	57.36	57.97	58.58	59.19	59.8	60.41
1 000	61.02									

21
cubic
metres to
cubic feet

m ³	0	1	2	3	4	5	6	7	8	9
ft ³										
0		35.31	70.63	105.94	141.26	176.57	211.89	247.2	282.52	317.83
10	353.15	388.46	423.78	459.09	494.41	529.72	565.04	600.35	635.67	670.98
20	706.29	741.61	776.92	812.24	847.55	882.87	918.18	953.5	988.81	1 024.13
30	1 059.44	1 094.75	1 130.07	1 165.38	1 200.7	1 236.01	1 271.33	1 306.64	1 341.96	1 377.27
40	1 412.59	1 447.9	1 483.22	1 518.53	1 553.85	1 589.16	1 624.47	1 659.79	1 695.1	1 730.42
50	1 765.73	1 801.05	1 836.36	1 871.68	1 906.99	1 942.31	1 977.62	2 012.94	2 048.25	2 083.57
60	2 118.88	2 154.19	2 189.51	2 224.82	2 260.14	2 295.45	2 330.77	2 366.08	2 401.4	2 436.71
70	2 472.03	2 507.34	2 542.66	2 577.97	2 613.29	2 648.6	2 683.91	2 719.23	2 754.54	2 789.86
80	2 825.17	2 860.49	2 895.8	2 931.12	2 966.43	3 001.75	3 037.06	3 072.38	3 107.69	3 143.01
90	3 178.32	3 213.63	3 248.95	3 284.26	3 319.58	3 354.89	3 390.21	3 425.52	3 460.84	3 496.15
100	3 531.47	3 566.78	3 602.1	3 637.41	3 672.73	3 708.04	3 743.35	3 778.67	3 813.98	3 849.3
110	3 884.61	3 919.93	3 955.24	3 990.56	4 025.87	4 061.19	4 096.5	4 131.82	4 167.13	4 202.45
120	4 237.76	4 273.07	4 308.39	4 343.7	4 379.02	4 414.33	4 449.65	4 484.96	4 520.28	4 555.59
130	4 590.91	4 626.22	4 661.54	4 696.85	4 732.17	4 767.48	4 802.79	4 838.11	4 873.42	4 908.74
140	4 944.05	4 979.37	5 014.68	5 050.0	5 085.31	5 120.63	5 155.94	5 191.26	5 226.57	5 261.89
150	5 297.2	5 332.51	5 367.83	5 403.14	5 438.46	5 473.77	5 509.09	5 544.4	5 579.72	5 615.03
160	5 650.35	5 685.66	5 720.98	5 756.29	5 791.61	5 826.92	5 862.23	5 897.55	5 932.86	5 968.18
170	6 003.49	6 038.81	6 074.12	6 109.44	6 144.75	6 180.07	6 215.38	6 250.7	6 286.01	6 321.33
180	6 356.64	6 391.95	6 427.27	6 462.58	6 497.9	6 533.21	6 568.53	6 603.84	6 639.16	6 674.47
190	6 709.79	6 745.1	6 780.42	6 815.73	6 851.05	6 886.36	6 921.67	6 956.99	6 992.3	7 027.62
200	7 062.93	7 098.25	7 133.56	7 168.88	7 204.19	7 239.51	7 274.82	7 310.14	7 345.45	7 380.77
210	7 416.08	7 451.39	7 486.71	7 522.02	7 557.34	7 592.65	7 627.97	7 663.28	7 698.6	7 733.91
220	7 769.23	7 804.54	7 839.86	7 875.17	7 910.49	7 945.8	7 981.11	8 016.43	8 051.74	8 087.06
230	8 122.37	8 157.69	8 193.0	8 228.32	8 263.63	8 298.95	8 334.26	8 369.58	8 404.89	8 440.21
240	8 475.52	8 510.83	8 546.15	8 581.46	8 616.78	8 652.09	8 687.41	8 722.72	8 758.04	8 793.35
250	8 828.67									

23
litres to
cubic feet

litre	0	1	2	3	4	5	6	7	8	9
ft ³										
0		0.04	0.07	0.11	0.14	0.18	0.21	0.25	0.28	0.32
10	0.35	0.39	0.42	0.46	0.49	0.53	0.57	0.60	0.64	0.67
20	0.71	0.74	0.78	0.81	0.85	0.88	0.92	0.95	0.99	1.02
30	1.06	1.09	1.13	1.17	1.2	1.24	1.27	1.31	1.34	1.38
40	1.41	1.45	1.48	1.52	1.55	1.59	1.62	1.66	1.7	1.73
50	1.77	1.8	1.84	1.87	1.91	1.94	1.98	2.01	2.05	2.08
60	2.12	2.15	2.19	2.22	2.26	2.3	2.33	2.37	2.4	2.44
70	2.47	2.51	2.54	2.58	2.61	2.65	2.68	2.72	2.75	2.79
80	2.83	2.86	2.9	2.93	2.97	3.0	3.04	3.07	3.11	3.14
90	3.18	3.21	3.25	3.28	3.32	3.35	3.39	3.42	3.46	3.5
100	3.53									

Volume

19
cubic
centimetres
to cubic
inches

cm³	0	1	2	3	4	5	6	7	8	9
in³										
		0.06	0.12	0.18	0.24	0.31	0.37	0.43	0.49	0.55
cm³	0	10	20	30	40	50	60	70	80	90
in³										
0		0.61	1.22	1.83	2.44	3.05	3.66	4.27	4.88	5.49
100	6.1	6.71	7.32	7.93	8.54	9.15	9.76	10.37	10.98	11.59
200	12.2	12.82	13.43	14.04	14.65	15.26	15.87	16.48	17.09	17.7
300	18.31	18.92	19.53	20.14	20.75	21.36	21.97	22.58	23.19	23.8
400	24.41	25.02	25.63	26.24	26.85	27.46	28.07	28.68	29.29	29.9
500	30.51	31.12	31.73	32.34	32.95	33.56	34.17	34.78	35.39	36.0
600	36.61	37.22	37.83	38.45	39.06	39.67	40.28	40.89	41.5	42.11
700	42.72	43.38	43.94	44.55	45.16	45.77	46.38	46.99	47.6	48.21
800	48.82	49.43	50.04	50.65	51.26	51.87	52.48	53.09	53.7	54.31
900	54.92	55.53	56.14	56.75	57.36	57.97	58.58	59.19	59.8	60.41
1 000	61.02									

21
cubic
metres to
cubic feet

m³	0	1	2	3	4	5	6	7	8	9
ft³										
0		35.31	70.63	105.94	141.26	176.57	211.89	247.2	282.52	317.83
10	353.15	388.46	423.78	459.09	494.41	529.72	565.04	600.35	635.67	670.98
20	706.29	741.61	776.92	812.24	847.55	882.87	918.18	953.5	988.81	1 024.13
30	1 059.44	1 094.75	1 130.07	1 165.38	1 200.7	1 236.01	1 271.33	1 306.64	1 341.96	1 377.27
40	1 412.59	1 447.9	1 483.22	1 518.53	1 553.85	1 589.16	1 624.47	1 659.79	1 695.1	1 730.42
50	1 765.73	1 801.05	1 836.36	1 871.68	1 906.99	1 942.31	1 977.62	2 012.94	2 048.25	2 083.57
60	2 118.88	2 154.19	2 189.51	2 224.82	2 260.14	2 295.45	2 330.77	2 366.08	2 401.4	2 436.71
70	2 472.03	2 507.34	2 542.66	2 577.97	2 613.29	2 648.6	2 683.91	2 719.23	2 754.54	2 789.86
80	2 825.17	2 860.49	2 895.8	2 931.12	2 966.43	3 001.75	3 037.06	3 072.38	3 107.69	3 143.01
90	3 178.32	3 213.63	3 248.95	3 284.26	3 319.58	3 354.89	3 390.21	3 425.52	3 460.84	3 496.15
100	3 531.47	3 566.78	3 602.1	3 637.41	3 672.73	3 708.04	3 743.35	3 778.67	3 813.98	3 849.3
110	3 884.61	3 919.93	3 955.24	3 990.56	4 025.87	4 061.19	4 096.5	4 131.82	4 167.13	4 202.45
120	4 237.76	4 273.07	4 308.39	4 343.7	4 379.02	4 414.33	4 449.65	4 484.96	4 520.28	4 555.59
130	4 590.91	4 626.22	4 661.54	4 696.85	4 732.17	4 767.48	4 802.79	4 838.11	4 873.42	4 908.74
140	4 944.05	4 979.37	5 014.68	5 050.0	5 085.31	5 120.63	5 155.94	5 191.26	5 226.57	5 261.89
150	5 297.2	5 332.51	5 367.83	5 403.14	5 438.46	5 473.77	5 509.09	5 544.4	5 579.72	5 615.03
160	5 650.35	5 685.66	5 720.98	5 756.29	5 791.61	5 826.92	5 862.23	5 897.55	5 932.86	5 968.18
170	6 003.49	6 038.81	6 074.12	6 109.44	6 144.75	6 180.07	6 215.38	6 250.7	6 286.01	6 321.33
180	6 356.64	6 391.95	6 427.27	6 462.58	6 497.9	6 533.21	6 568.53	6 603.84	6 639.16	6 674.47
190	6 709.79	6 745.1	6 780.42	6 815.73	6 851.05	6 886.36	6 921.67	6 956.99	6 992.3	7 027.62
200	7 062.93	7 098.25	7 133.56	7 168.88	7 204.19	7 239.51	7 274.82	7 310.14	7 345.45	7 380.77
210	7 416.08	7 451.39	7 486.71	7 522.02	7 557.34	7 592.65	7 627.97	7 663.28	7 698.6	7 733.91
220	7 769.23	7 804.54	7 839.86	7 875.17	7 910.49	7 945.8	7 981.11	8 016.43	8 051.74	8 087.06
230	8 122.37	8 157.69	8 193.0	8 228.32	8 263.63	8 298.95	8 334.26	8 369.58	8 404.89	8 440.21
240	8 475.52	8 510.83	8 546.15	8 581.46	8 616.78	8 652.09	8 687.41	8 722.72	8 758.04	8 793.35
250	8 828.67									

23
litres to
cubic feet

litre	0	1	2	3	4	5	6	7	8	9
ft³										
0		0.04	0.07	0.11	0.14	0.18	0.21	0.25	0.28	0.32
10	0.35	0.39	0.42	0.46	0.49	0.53	0.57	0.60	0.64	0.67
20	0.71	0.74	0.78	0.81	0.85	0.88	0.92	0.95	0.99	1.02
30	1.06	1.09	1.13	1.17	1.2	1.24	1.27	1.31	1.34	1.38
40	1.41	1.45	1.48	1.52	1.55	1.59	1.62	1.66	1.7	1.73
50	1.77	1.8	1.84	1.87	1.91	1.94	1.98	2.01	2.05	2.08
60	2.12	2.15	2.19	2.22	2.26	2.3	2.33	2.37	2.4	2.44
70	2.47	2.51	2.54	2.58	2.61	2.65	2.68	2.72	2.75	2.79
80	2.83	2.86	2.9	2.93	2.97	3.0	3.04	3.07	3.11	3.14
90	3.18	3.21	3.25	3.28	3.32	3.35	3.39	3.42	3.46	3.5
100	3.53									

CONVERSIONS

in ³	0	1	2	3	4	5	6	7	8	9
cm ³										
		16.39	32.77	49.16	65.55	81.94	98.32	114.71	131.1	147.48
in ³	0	10	20	30	40	50	60	70	80	90
cm ³										
0		163.87	327.74	491.61	655.48	819.35	983.22	1 147.09	1 310.97	1 474.84
100	1 638.71	1 802.58	1 966.45	2 130.32	2 294.19	2 458.06	2 621.93	2 785.8	2 949.67	3 113.54
200	3 277.41	3 441.28	3 605.15	3 769.02	3 932.9	4 096.77	4 260.64	4 424.51	4 588.38	4 752.25
300	4 916.12	5 079.99	5 243.86	5 407.73	5 571.6	5 735.47	5 899.34	6 063.21	6 227.08	6 390.95
400	6 554.83	6 718.7	6 882.57	7 046.44	7 210.31	7 374.18	7 538.05	7 701.92	7 865.79	8 029.66
500	8 193.53	8 357.4	8 521.27	8 685.14	8 849.01	9 012.89	9 176.76	9 340.63	9 504.5	9 668.37
600	9 832.24	9 996.11	10 160.0	10 323.9	10 487.7	10 651.6	10 815.5	10 979.3	11 143.2	11 307.1
700	11 470.9	11 634.8	11 798.7	11 962.6	12 126.4	12 290.3	12 454.2	12 618.0	12 781.9	12 945.8
800	13 109.7	13 273.5	13 437.4	13 601.3	13 765.1	13 929.0	14 092.9	14 256.7	14 420.6	14 584.5
900	14 748.4	14 912.2	15 076.1	15 240.0	15 403.8	15 567.7	15 731.6	15 895.5	16 059.3	16 223.2
1 000	16 387.1									

20
cubic inches
to cubic
centimetres

ft ³	0	1	2	3	4	5	6	7	8	9
m ³										
0		0.03	0.06	0.08	0.11	0.14	0.17	0.2	0.23	0.25
10	0.28	0.31	0.34	0.37	0.4	0.42	0.45	0.48	0.51	0.54
20	0.57	0.59	0.62	0.65	0.68	0.71	0.74	0.77	0.79	0.82
30	0.85	0.88	0.91	0.93	0.96	0.99	1.02	1.05	1.08	1.1
40	1.13	1.16	1.19	1.22	1.25	1.27	1.3	1.33	1.36	1.39
50	1.42	1.44	1.47	1.5	1.53	1.56	1.59	1.61	1.64	1.67
60	1.7	1.73	1.76	1.78	1.81	1.84	1.87	1.9	1.93	1.95
70	1.98	2.01	2.04	2.07	2.1	2.12	2.15	2.18	2.21	2.24
80	2.27	2.29	2.32	2.35	2.38	2.41	2.44	2.46	2.49	2.52
90	2.55	2.58	2.61	2.63	2.66	2.69	2.71	2.75	2.78	2.8
100	2.83	2.86	2.89	2.92	2.94	2.97	3.01	3.03	3.06	3.09
110	3.11	3.14	3.17	3.2	3.23	3.26	3.28	3.31	3.34	3.37
120	3.4	3.43	3.46	3.48	3.51	3.54	3.57	3.6	3.62	3.65
130	3.68	3.71	3.74	3.77	3.79	3.82	3.85	3.88	3.91	3.94
140	3.96	4.0	4.02	4.05	4.08	4.11	4.13	4.16	4.19	4.22
150	4.26	4.28	4.3	4.33	4.36	4.39	4.42	4.45	4.47	4.51
160	4.53	4.56	4.59	4.62	4.64	4.67	4.7	4.73	4.76	4.79
170	4.81	4.84	4.87	4.9	4.93	4.96	4.99	5.01	5.04	5.07
180	5.1	5.13	5.15	5.18	5.21	5.24	5.27	5.3	5.32	5.35
190	5.38	5.41	5.44	5.47	5.49	5.52	5.55	5.58	5.61	5.64
200	5.66	5.69	5.72	5.75	5.78	5.8	5.83	5.86	5.89	5.92
210	5.95	5.98	6.0	6.03	6.06	6.09	6.12	6.14	6.17	6.2
220	6.23	6.26	6.29	6.31	6.34	6.37	6.4	6.43	6.46	6.48
230	6.51	6.54	6.57	6.6	6.63	6.65	6.69	6.71	6.74	6.77
240	6.8	6.82	6.85	6.88	6.91	6.94	6.97	6.99	7.02	7.05
250	7.08									

22
cubic feet
to cubic
metres

ft ³	0	1	2	3	4	5	6	7	8	9
litre										
0		28.32	56.63	84.95	113.26	141.58	169.9	198.21	226.53	254.84
10	283.16	311.48	339.79	368.11	396.42	424.74	453.06	481.37	509.69	538.01
20	566.32	594.64	622.95	651.27	679.59	707.9	736.22	764.53	792.85	821.17
30	849.48	877.8	906.11	934.43	962.75	991.06	1 019.38	1 047.69	1 076.01	1 104.33
40	1 132.64	1 160.96	1 189.27	1 217.59	1 245.91	1 274.22	1 302.54	1 330.85	1 359.17	1 387.49
50	1 415.8	1 444.12	1 472.43	1 500.75	1 529.07	1 557.38	1 585.7	1 614.02	1 642.33	1 670.65
60	1 698.96	1 727.28	1 755.6	1 783.91	1 812.23	1 840.54	1 868.86	1 897.18	1 925.49	1 953.81
70	1 982.12	2 010.44	2 038.76	2 067.07	2 095.39	2 123.7	2 152.02	2 180.34	2 208.65	2 236.97
80	2 265.28	2 293.6	2 321.92	2 350.23	2 378.55	2 406.86	2 435.18	2 463.5	2 491.81	2 520.13
90	2 548.44	2 576.76	2 605.08	2 633.39	2 661.71	2 690.03	2 718.34	2 746.66	2 774.97	2 803.29
100	2 831.61									

24
cubic feet
to litres

25
litres to
imperial
gallons

litre	0	1	2	3	4	5	6	7	8	9
	gal imp									
0		0.22	0.44	0.66	0.88	1.1	1.32	1.54	1.76	1.98
10	2.2	2.42	2.64	2.86	3.08	3.3	3.52	3.74	3.96	4.18
20	4.4	4.62	4.84	5.06	5.28	5.5	5.72	5.94	6.16	6.38
30	6.6	6.82	7.04	7.26	7.48	7.7	7.92	8.14	8.36	8.58
40	8.8	9.02	9.24	9.46	9.68	9.9	10.12	10.34	10.56	10.78
50	11.0	11.22	11.44	11.66	11.88	12.1	12.32	12.54	12.76	12.98
60	13.2	13.42	13.64	13.86	14.08	14.3	14.52	14.74	14.96	15.18
70	15.4	15.62	15.84	16.06	16.28	16.5	16.72	16.94	17.16	17.38
80	17.6	17.82	18.04	18.26	18.48	18.7	18.92	19.14	19.36	19.58
90	19.8	20.02	20.24	20.46	20.68	20.9	21.12	21.34	21.56	21.78
100	22.0									

27
litres to
US gallons

litre	0	1	2	3	4	5	6	7	8	9
	gal US									
		0.26	0.53	0.79	1.06	1.32	1.59	1.85	2.11	2.38
10	2.64	2.91	3.17	3.43	3.7	3.96	4.23	4.49	4.76	5.02
20	5.28	5.55	5.81	6.08	6.34	6.61	6.87	7.13	7.4	7.66
30	7.93	8.19	8.45	8.72	8.98	9.25	9.51	9.78	10.04	10.3
40	10.57	10.83	11.1	11.36	11.62	11.89	12.15	12.42	12.68	12.95
50	13.21	13.47	13.74	14.0	14.27	14.53	14.8	15.06	15.32	15.59
60	15.85	16.12	16.38	16.64	16.91	17.17	17.44	17.7	17.97	18.23
70	18.49	18.76	19.02	19.29	19.55	19.82	20.08	20.34	20.61	20.87
80	21.14	21.4	21.66	21.93	22.19	22.46	22.72	22.96	23.25	23.51
90	23.78	24.04	24.31	24.57	24.83	25.1	25.36	25.63	25.89	26.16
100	26.42									

Mass

29
kilograms
to pounds

kg	0	1	2	3	4	5	6	7	8	9
	lb									
0		2.21	4.41	6.61	8.82	11.02	13.23	15.43	17.64	19.84
10	22.05	24.25	26.46	28.66	30.86	33.07	35.27	37.47	39.68	41.89
20	44.09	46.3	48.5	50.71	52.91	55.12	57.32	59.52	61.73	63.93
30	66.14	68.34	70.55	72.75	74.96	77.16	79.37	81.57	83.78	85.98
40	88.18	90.39	92.59	94.8	97.0	99.2	101.41	103.61	105.82	108.03
50	110.23	112.44	114.64	116.85	119.05	121.25	123.46	125.66	127.87	130.07
60	132.28	134.48	136.69	138.89	141.1	143.3	145.51	147.71	149.91	152.12
70	154.32	156.53	158.73	160.94	163.14	165.35	167.55	169.76	171.96	174.17
80	176.37	178.57	180.78	182.98	185.19	187.39	189.6	191.8	194.01	196.21
90	198.42	200.62	202.83	205.03	207.24	209.44	211.64	213.85	216.05	218.26
100	220.46	222.67	224.87	227.08	229.28	231.49	233.69	235.9	238.1	240.3
110	242.51	244.71	246.92	249.12	251.33	253.53	255.74	257.94	260.15	262.35
120	264.56	266.76	268.96	271.17	273.37	275.58	277.78	279.99	282.19	284.4
130	286.6	288.81	291.01	293.22	295.42	297.62	299.83	302.03	304.24	306.44
140	308.65	310.85	313.06	315.26	317.47	319.67	321.88	324.08	326.28	328.49
150	330.69	332.9	335.1	337.31	339.51	341.72	343.92	346.13	348.33	350.54
160	352.74	354.94	357.15	359.35	361.56	363.76	365.97	368.17	370.38	372.58
170	374.79	377.0	379.2	381.4	383.6	385.81	388.01	390.22	392.42	394.68
180	396.83	399.04	401.24	403.45	405.65	407.86	410.06	412.26	414.47	416.67
190	418.88	421.08	423.29	425.49	427.68	429.9	432.11	434.31	436.52	438.72
200	440.93	443.13	445.33	447.54	449.74	451.95	454.15	456.36	458.56	460.77
210	462.97	465.18	467.38	469.59	471.79	473.99	476.2	478.4	480.61	482.81
220	485.02	487.22	489.43	491.63	493.84	496.04	498.25	500.45	502.65	504.86
230	507.06	509.2	511.47	513.6	515.88	518.0	520.29	522.4	524.7	526.9
240	529.1	531.31	533.5	535.72	537.9	540.13	542.3	544.54	546.7	548.9
250	551.16	553.36	555.57	557.77	559.97	562.18	564.38	566.59	568.79	571.0
260	573.2	575.41	577.61	579.82	582.02	584.23	586.43	588.63	590.84	593.04
270	595.25	597.45	599.66	601.86	604.07	606.27	608.48	610.68	612.89	615.09
280	617.29	619.5	621.7	623.91	626.11	628.32	630.52	632.73	634.93	637.14
290	639.34	641.55	643.75	645.95	648.16	650.36	652.57	654.77	656.98	659.18
300	661.39	663.59	665.8	668.0	670.21	672.41	674.62	676.82	679.02	681.23
310	683.43	685.64	687.84	690.05	692.25	694.46	696.66	698.87	701.07	703.28
320	705.48	707.68	709.89	712.09	714.3	716.5	718.71	720.91	723.12	725.32
330	727.53	729.73	731.93	734.14	736.34	738.55	740.75	742.96	745.16	747.37
340	749.57	751.78	753.98	756.19	758.39	760.6	762.8	765.0	767.21	769.41
350	771.62	773.82	776.03	778.23	780.44	782.64	784.85	787.05	789.26	791.46
360	793.66	795.87	798.07	800.28	802.48	804.69	806.89	809.1	811.31	813.51
370	815.71	817.92	820.12	822.32	824.53	826.73	828.94	831.14	833.35	835.55
380	837.76	839.96	842.17	844.37	846.58	848.78	850.98	853.19	855.39	857.6
390	859.8	862.0	864.21	866.41	868.62	870.8	873.03	875.2	877.44	879.64
400	881.85	884.05	886.26	888.46	890.67	892.87	895.08	897.28	899.49	901.69
410	903.9	906.1	908.31	910.51	912.71	914.92	917.12	919.33	921.53	923.74
420	925.94	928.15	930.35	932.56	934.76	936.97	939.17	941.37	943.58	945.78
430	947.99	950.19	952.4	954.6	956.81	959.01	961.22	963.42	965.63	967.83
440	970.03	972.24	974.44	976.65	978.85	981.06	983.26	985.47	987.67	989.88
450	992.08	994.29	996.49	998.69	1 000.9	1 003.1	1 005.31	1 007.51	1 009.72	1 011.92
460	1 014.13	1 016.33	1 018.54	1 020.74	1 022.94	1 025.15	1 027.35	1 029.56	1 031.76	1 033.97
470	1 036.17	1 038.38	1 040.58	1 042.79	1 044.99	1 047.2	1 049.4	1 051.6	1 053.81	1 056.01
480	1 058.22	1 060.42	1 062.63	1 064.83	1 067.04	1 069.24	1 071.45	1 073.65	1 075.86	1 078.06
490	1 080.27	1 082.47	1 084.67	1 086.88	1 089.08	1 091.29	1 093.49	1 095.7	1 097.9	1 100.11
500	1 102.31									

CONVERSIONS

gal imp	0	1	2	3	4	5	6	7	8	9
litre										
0		4.55	9.09	13.64	18.18	22.73	27.28	31.82	36.37	40.91
10	45.46	50.0	54.55	59.1	63.64	68.19	72.74	77.28	81.83	86.38
20	90.92	95.47	100.01	104.56	109.1	113.65	118.2	122.74	127.29	131.83
30	136.38	140.93	145.47	150.02	154.56	159.1	163.66	168.21	172.75	177.3
40	181.84	186.38	190.93	195.48	200.02	204.57	209.11	213.66	218.21	222.75
50	227.3	231.84	236.39	240.94	245.48	250.03	254.57	259.12	263.67	268.21
60	272.76	277.3	281.85	286.4	290.94	295.49	300.03	304.58	309.13	313.67
70	318.22	322.76	327.31	331.86	336.4	340.95	345.49	350.04	354.59	359.13
80	363.68	368.22	372.77	377.32	381.86	386.41	390.95	395.5	400.04	404.59
90	409.14	413.68	418.23	422.77	427.32	431.87	436.41	440.96	445.5	450.05
100	454.6									

26
imperial
gallons
to litres

gal US	0	1	2	3	4	5	6	7	8	9
litre										
0		3.79	7.57	11.36	15.14	18.93	22.71	26.5	30.28	34.07
10	37.85	41.64	45.42	49.21	52.99	56.78	60.56	64.35	68.13	71.92
20	75.7	79.49	83.27	87.06	90.84	94.63	98.41	102.2	105.98	109.77
30	113.55	117.34	121.12	124.91	128.69	132.48	136.26	140.05	143.83	147.62
40	151.40	155.19	158.97	162.76	166.54	170.33	174.11	177.9	181.68	185.47
50	189.25	193.04	196.82	200.61	204.39	208.18	211.96	215.75	219.53	223.32
60	227.1	230.89	234.67	238.46	242.24	246.03	249.81	253.6	257.38	261.17
70	264.95	268.74	272.52	276.31	280.09	283.88	287.66	291.45	295.23	299.02
80	302.81	306.59	310.37	314.16	317.94	321.73	325.51	329.3	333.08	336.87
90	340.65	344.44	348.22	352.01	355.79	359.58	363.36	367.14	370.93	374.72
100	378.51									

28
US gallons
to litres

lb	0	1	2	3	4	5	6	7	8	9
kg										
0		0.45	0.91	1.36	1.81	2.27	2.72	3.18	3.63	4.08
10	4.54	4.99	5.44	5.9	6.35	6.8	7.26	7.71	8.16	8.62
20	9.07	9.53	9.98	10.43	10.89	11.34	11.79	12.25	12.7	13.15
30	13.61	14.06	14.52	14.97	15.42	15.88	16.33	16.78	17.24	17.69
40	18.14	18.6	19.05	19.5	19.96	20.41	20.87	21.32	21.77	22.23
50	22.68	23.13	23.59	24.04	24.49	24.95	25.4	25.85	26.31	26.76
60	27.22	27.67	28.12	28.58	29.03	29.48	29.94	30.39	30.84	31.3
70	31.75	32.21	32.66	33.11	33.57	34.02	34.47	34.93	35.38	35.83
80	36.29	36.74	37.19	37.65	38.1	38.56	39.01	39.46	39.92	40.37
90	40.82	41.28	41.73	42.18	42.64	43.09	43.54	44.0	44.45	44.91
100	45.36	45.81	46.27	46.72	47.17	47.63	48.08	48.53	48.99	49.44
110	49.9	50.35	50.8	51.26	51.71	52.16	52.62	53.07	53.52	53.98
120	54.43	54.88	55.34	55.79	56.25	56.7	57.15	57.61	58.06	58.51
130	58.97	59.42	59.87	60.33	60.78	61.24	61.69	62.14	62.6	63.05
140	63.5	63.96	64.41	64.86	65.32	65.77	66.22	66.68	67.13	67.59
150	68.04	68.49	68.95	69.4	69.85	70.31	70.76	71.21	71.67	72.12
160	72.57	73.03	73.48	73.94	74.39	74.84	75.3	75.75	76.2	76.66
170	77.11	77.56	78.02	78.47	78.93	79.38	79.83	80.29	80.74	81.19
180	81.65	82.1	82.55	83.01	83.46	83.91	84.37	84.82	85.28	85.73
190	86.18	86.64	87.09	87.54	88.0	88.45	88.9	89.36	89.81	90.26
200	90.72	91.17	91.63	92.08	92.53	92.99	93.44	93.89	94.35	94.8
210	95.25	95.71	96.16	96.62	97.07	97.52	97.98	98.43	98.88	99.34
220	99.79	100.24	100.7	101.15	101.61	102.06	102.51	102.97	103.42	103.87
230	104.33	104.78	105.23	105.69	106.14	106.59	107.05	107.5	107.96	108.41
240	108.86	109.32	109.77	110.22	110.68	111.13	111.58	112.04	112.49	112.95
250	113.4	113.85	114.31	114.76	115.21	115.67	116.12	116.57	117.03	117.48
260	117.93	118.39	118.84	119.3	119.75	120.2	120.66	121.11	121.56	122.02
270	122.47	122.92	123.38	123.83	124.28	124.74	125.19	125.65	126.1	126.55
280	127.01	127.46	127.91	128.37	128.82	129.27	129.73	130.18	130.64	131.09
290	131.54	132.0	132.45	132.9	133.36	133.81	134.26	134.72	135.17	135.62
300	136.08	136.53	136.99	137.44	137.89	138.35	138.8	139.25	139.71	140.16
310	140.61	141.07	141.52	141.97	142.43	142.88	143.34	143.79	144.24	144.7
320	145.15	145.6	146.06	146.51	146.96	147.42	147.87	148.33	148.78	149.23
330	149.69	150.14	150.59	151.05	151.5	151.95	152.41	152.86	153.31	153.77
340	154.22	154.68	155.13	155.58	156.04	156.49	156.94	157.4	157.85	158.3
350	158.76	159.21	159.67	160.12	160.57	161.03	161.48	161.93	162.39	162.84
360	163.29	163.75	164.2	164.65	165.11	165.56	166.02	166.47	166.92	167.38
370	167.83	168.28	168.74	169.1	169.56	170.01	170.47	170.92	171.38	171.83
380	172.37	172.82	173.27	173.73	174.18	174.63	175.09	175.54	175.99	176.45
390	176.9	177.36	177.81	178.26	178.72	179.17	179.62	180.08	180.53	180.98
400	181.44	181.89	182.34	182.8	183.25	183.71	184.16	184.61	185.07	185.52
410	185.97	186.43	186.88	187.33	187.79	188.24	188.69	189.15	189.6	190.06
420	190.51	190.96	191.42	191.87	192.32	192.78	193.23	193.68	194.14	194.59
430	195.05	195.5	195.95	196.41	196.86	197.31	197.77	198.22	198.67	199.13
440	199.58	200.03	200.49	200.94	201.4	201.85	202.3	202.76	203.21	203.66
450	204.12	204.57	205.02	205.48	205.93	206.39	206.84	207.29	207.75	208.2
460	208.65	209.11	209.56	210.01	210.47	210.92	211.37	211.83	212.28	212.74
470	213.19	213.64	214.1	214.55	215.0	215.46	215.91	216.36	216.82	217.27
480	217.72	218.18	218.63	219.09	219.54	219.99	220.45	220.9	221.35	221.81
490	222.26	222.71	223.17	223.62	224.08	224.53	224.98	225.44	225.89	226.34
500	226.8									

30
pounds to
kilograms

CONVERSIONS

lb/ft ³	0	1	2	3	4	5	6	7	8	9
kg/m ³										
0		16.02	32.04	48.06	64.07	80.09	96.11	112.13	128.15	144.17
10	160.19	176.2	192.22	208.24	224.26	240.28	256.3	272.31	288.33	304.35
20	320.37	336.39	352.41	368.43	384.44	400.46	416.48	432.5	448.52	464.54
30	480.55	496.57	512.59	528.61	544.63	560.65	576.67	592.68	608.7	624.72
40	640.74	656.76	672.78	688.79	704.81	720.83	736.85	752.87	768.89	784.91
50	800.92	816.94	832.96	848.98	865.0	881.02	897.03	913.05	929.07	945.09
60	961.11	977.13	993.15	1 009.16	1 025.18	1 041.2	1 057.22	1 073.24	1 089.26	1 105.27
70	1 121.29	1 137.31	1 153.33	1 169.35	1 185.37	1 201.38	1 217.4	1 233.42	1 249.44	1 265.46
80	1 281.48	1 297.5	1 313.51	1 329.53	1 345.55	1 361.57	1 377.59	1 393.61	1 409.62	1 425.64
90	1 441.66	1 457.68	1 473.7	1 489.72	1 505.74	1 521.75	1 537.77	1 553.79	1 569.81	1 585.83
100	1 601.85									

32
pounds per
cubic foot to
kilograms
per cubic
metre

mile/hr	0	1	2	3	4	5	6	7	8	9
m/s										
0		0.45	0.89	1.34	1.79	2.24	2.68	3.13	3.58	4.02
10	4.47	4.92	5.36	5.81	6.26	6.71	7.15	7.6	8.05	8.49
20	8.94	9.39	9.83	10.28	10.73	11.18	11.62	12.07	12.52	12.96
30	13.41	13.86	14.31	14.75	15.2	15.65	16.09	16.54	16.99	17.43
40	17.88	18.33	18.78	19.22	19.67	20.12	20.56	21.01	21.46	21.91
50	22.35	22.8	23.25	23.69	24.14	24.59	25.03	25.48	25.93	26.38
60	26.82	27.27	27.72	28.16	28.61	29.06	29.5	29.95	30.4	30.85
70	31.29	31.74	32.19	32.63	33.08	33.53	33.98	34.42	34.87	35.32
80	35.76	36.21	36.66	37.1	37.55	38.0	38.45	38.89	39.34	39.79
90	40.23	40.68	41.13	41.57	42.02	42.47	42.92	43.36	43.81	44.26
100	44.7									

34
miles per
hour to
metres per
second

lbf/in ²	0	1	2	3	4	5	6	7	8	9
kgf/cm ²										
0		0.07	0.14	0.21	0.28	0.35	0.42	0.49	0.56	0.63
10	0.7	0.77	0.84	0.91	0.98	1.05	1.12	1.2	1.27	1.34
20	1.41	1.48	1.55	1.62	1.69	1.76	1.83	1.9	1.97	2.04
30	2.11	2.18	2.25	2.32	2.39	2.46	2.53	2.6	2.67	2.74
40	2.81	2.88	2.95	3.02	3.09	3.16	3.23	3.3	3.37	3.45
50	3.52	3.59	3.66	3.73	3.8	3.87	3.94	4.01	4.08	4.15
60	4.22	4.29	4.36	4.43	4.5	4.57	4.64	4.71	4.78	4.85
70	4.92	4.99	5.06	5.13	5.2	5.27	5.34	5.41	5.48	5.55
80	5.62	5.69	5.77	5.84	5.91	5.98	6.05	6.12	6.19	6.26
90	6.33	6.4	6.47	6.54	6.61	6.68	6.75	6.82	6.89	6.96
100	7.03									

36
pounds force
per square
inch to
kilograms
force per
square
centimetre

lbf/in ²	0	1	2	3	4	5	6	7	8	9
kN/m ² (k Pa)										
0		6.9	13.79	20.68	27.58	34.48	41.37	48.26	55.16	62.06
10	68.95	75.84	82.74	89.64	96.53	103.42	110.32	117.22	124.11	131.0
20	137.9	144.8	151.69	158.58	165.48	172.38	179.27	186.16	193.06	199.96
30	206.85	213.74	220.64	227.54	234.43	241.32	248.22	255.12	262.01	268.9
40	275.8	282.7	289.59	296.48	303.38	310.28	317.17	324.06	330.96	337.86
50	344.75	351.64	358.54	365.44	372.33	379.22	386.12	393.02	399.91	406.8
60	413.7	420.6	427.49	434.38	441.28	448.18	455.07	461.96	468.86	475.76
70	482.65	489.54	496.44	503.34	510.23	517.12	524.02	530.92	537.81	544.7
80	551.6	558.5	565.39	572.28	579.18	586.08	592.97	599.86	606.76	613.66
90	620.55	627.44	634.34	641.24	648.13	655.02	661.92	668.82	675.71	682.6
100	689.5									

38
pounds force
per square
inch to
kilonewtons
per square
metre

CONVERSIONS

lb/ft ³	0	1	2	3	4	5	6	7	8	9
	kg/m ³									
0		16.02	32.04	48.06	64.07	80.09	96.11	112.13	128.15	144.17
10	160.19	176.2	192.22	208.24	224.26	240.28	256.3	272.31	288.33	304.35
20	320.37	336.39	352.41	368.43	384.44	400.46	416.48	432.5	448.52	464.54
30	480.55	496.57	512.59	528.61	544.63	560.65	576.67	592.68	608.7	624.72
40	640.74	656.76	672.78	688.79	704.81	720.83	736.85	752.87	768.89	784.91
50	800.92	816.94	832.96	848.98	865.0	881.02	897.03	913.05	929.07	945.09
60	961.11	977.13	993.15	1 009.16	1 025.18	1 041.2	1 057.22	1 073.24	1 089.26	1 105.27
70	1 121.29	1 137.31	1 153.33	1 169.35	1 185.37	1 201.38	1 217.4	1 233.42	1 249.44	1 265.46
80	1 281.48	1 297.5	1 313.51	1 329.53	1 345.55	1 361.57	1 377.59	1 393.61	1 409.62	1 425.64
90	1 441.66	1 457.68	1 473.7	1 489.72	1 505.74	1 521.75	1 537.77	1 553.79	1 569.81	1 585.83
100	1 601.85									

32
pounds per
cubic foot to
kilograms
per cubic
metre

mile/hr	0	1	2	3	4	5	6	7	8	9
	m/s									
0		0.45	0.89	1.34	1.79	2.24	2.68	3.13	3.58	4.02
10	4.47	4.92	5.36	5.81	6.26	6.71	7.15	7.6	8.05	8.49
20	8.94	9.39	9.83	10.28	10.73	11.18	11.62	12.07	12.52	12.96
30	13.41	13.86	14.31	14.75	15.2	15.65	16.09	16.54	16.99	17.43
40	17.88	18.33	18.78	19.22	19.67	20.12	20.56	21.01	21.46	21.91
50	22.35	22.8	23.25	23.69	24.14	24.59	25.03	25.48	25.93	26.38
60	26.82	27.27	27.72	28.16	28.61	29.06	29.5	29.95	30.4	30.85
70	31.29	31.74	32.19	32.63	33.08	33.53	33.98	34.42	34.87	35.32
80	35.76	36.21	36.66	37.1	37.55	38.0	38.45	38.89	39.34	39.79
90	40.23	40.68	41.13	41.57	42.02	42.47	42.92	43.36	43.81	44.26
100	44.7									

34
miles per
hour to
metres per
second

lbf/in ²	0	1	2	3	4	5	6	7	8	9
	kgf/cm ²									
0		0.07	0.14	0.21	0.28	0.35	0.42	0.49	0.56	0.63
10	0.7	0.77	0.84	0.91	0.98	1.05	1.12	1.2	1.27	1.34
20	1.41	1.48	1.55	1.62	1.69	1.76	1.83	1.9	1.97	2.04
30	2.11	2.18	2.25	2.32	2.39	2.46	2.53	2.6	2.67	2.74
40	2.81	2.88	2.95	3.02	3.09	3.16	3.23	3.3	3.37	3.45
50	3.52	3.59	3.66	3.73	3.8	3.87	3.94	4.01	4.08	4.15
60	4.22	4.29	4.36	4.43	4.5	4.57	4.64	4.71	4.78	4.85
70	4.92	4.99	5.06	5.13	5.2	5.27	5.34	5.41	5.48	5.55
80	5.62	5.69	5.77	5.84	5.91	5.98	6.05	6.12	6.19	6.26
90	6.33	6.4	6.47	6.54	6.61	6.68	6.75	6.82	6.89	6.96
100	7.03									

36
pounds force
per square
inch to
kilograms
force per
square
centimetre

lbf/in ²	0	1	2	3	4	5	6	7	8	9
	kN/m ² (k Pa)									
0		6.9	13.79	20.68	27.58	34.48	41.37	48.26	55.16	62.06
10	68.95	75.84	82.74	89.64	96.53	103.42	110.32	117.22	124.11	131.0
20	137.9	144.8	151.69	158.58	165.48	172.38	179.27	186.16	193.06	199.96
30	206.85	213.74	220.64	227.54	234.43	241.32	248.22	255.12	262.01	268.9
40	275.8	282.7	289.59	296.48	303.38	310.28	317.17	324.06	330.96	337.86
50	344.75	351.64	358.54	365.44	372.33	379.22	386.12	393.02	399.91	406.8
60	413.7	420.6	427.49	434.38	441.28	448.18	455.07	461.96	468.86	475.76
70	482.65	489.54	496.44	503.34	510.23	517.12	524.02	530.92	537.81	544.7
80	551.6	558.5	565.39	572.28	579.18	586.08	592.97	599.86	606.76	613.66
90	620.55	627.44	634.34	641.24	648.13	655.02	661.92	668.82	675.71	682.6
100	689.5									

38
pounds force
per square
inch to
kilonewtons
per square
metre

Refrigeration

	W	0	1	2	3	4	5	6	7	8	9
		Btu/hr									
39	0		3.41	6.82	10.24	13.65	17.06	20.47	23.89	27.3	30.71
watts to	10	34.12	37.53	40.95	44.36	47.77	51.18	54.59	58.01	61.42	64.83
British	20	68.24	71.66	75.07	78.5	81.89	85.3	88.72	92.13	95.54	98.95
thermal	30	102.36	105.78	109.12	112.6	116.01	119.43	122.76	126.25	129.66	133.07
units per hour	40	136.49	139.91	143.31	146.72	150.13	153.55	156.96	160.37	163.78	167.2
	50	170.61	174.02	177.43	180.84	184.26	187.67	191.08	194.49	197.9	201.31
	60	204.73	208.14	211.55	214.97	218.38	221.79	225.2	228.61	232.03	235.44
	70	238.85	242.26	245.68	249.09	252.5	255.91	259.32	262.74	266.15	269.56
	80	272.97	276.38	279.8	283.21	286.62	290.03	293.45	296.86	300.27	303.68
	90	307.09	310.51	313.92	317.33	320.74	324.15	327.57	330.98	334.39	337.8
	100	341.22									

Thermal conductance

	W/ (m ² K)	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
		Btu/(ft ² hr°F)									
41	0.0		0.018	0.035	0.053	0.074	0.088	0.106	0.123	0.141	0.158
watts per	1.0	0.176	0.194	0.211	0.229	0.247	0.264	0.282	0.299	0.317	0.335
square metre	2.0	0.352	0.370	0.387	0.405	0.423	0.440	0.458	0.476	0.493	0.511
kelvin to	3.0	0.528	0.546	0.564	0.581	0.599	0.616	0.634	0.652	0.669	0.687
British	4.0	0.704	0.722	0.740	0.757	0.775	0.793	0.810	0.828	0.845	0.863
thermal	5.0	0.881	0.898	0.916	0.933	0.951	0.969	0.986	1.004	1.021	1.039
units per	6.0	1.057	1.074	1.092	1.110	1.127	1.145	1.162	1.180	1.198	1.215
square foot	7.0	1.233	1.250	1.268	1.286	1.303	1.321	1.34	1.356	1.374	1.391
hour degree F	8.0	1.409	1.427	1.444	1.462	1.479	1.497	1.515	1.532	1.550	1.567
	9.0	1.585	1.603	1.620	1.638	1.656	1.673	1.691	1.708	1.726	1.744
	10.0	1.761									

CONVERSIONS

Btu/hr	0	1	2	3	4	5	6	7	8	9
W										
0		0.29	0.59	0.88	1.17	1.47	1.76	2.05	2.34	2.64
10	2.93	3.22	3.52	3.81	4.1	4.4	4.69	4.98	5.28	5.57
20	5.86	6.16	6.45	6.74	7.03	7.33	7.62	7.91	8.21	8.5
30	8.79	9.09	9.38	9.67	9.97	10.26	10.55	10.84	11.14	11.43
40	11.72	12.02	12.31	12.6	12.9	13.19	13.48	13.78	14.07	14.36
50	14.66	14.95	15.24	15.53	15.83	16.12	16.41	16.71	17.0	17.29
60	17.59	17.88	18.17	18.47	18.76	19.05	19.34	19.64	19.93	20.22
70	20.52	20.81	21.1	21.4	21.69	21.98	22.28	22.57	22.86	23.15
80	23.45	23.74	24.03	24.33	24.62	24.91	25.21	25.5	25.79	26.09
90	26.38	26.67	26.97	27.26	27.55	27.84	28.14	28.43	28.72	29.02
100	29.31									

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British
thermal
units per hour
to watts

Btu/(ft ² . hr°F)	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
W/(m²K)										
0.0		0.057	0.114	0.17	0.227	0.284	0.341	0.397	0.454	0.511
0.1	0.568	0.624	0.681	0.738	0.795	0.852	0.908	0.965	1.022	1.079
0.2	1.136	1.192	1.249	1.306	1.363	1.42	1.476	1.533	1.59	1.647
0.3	1.703	1.76	1.817	1.874	1.931	1.987	2.044	2.101	2.158	2.214
0.4	2.271	2.328	2.385	2.442	2.498	2.555	2.612	2.669	2.725	2.782
0.5	2.839	2.896	2.953	3.009	3.066	3.123	3.18	3.236	3.293	3.35
0.6	3.407	3.464	3.52	3.577	3.634	3.691	3.747	3.804	3.861	3.918
0.7	3.975	4.031	4.088	4.145	4.202	4.258	4.315	4.372	4.429	4.486
0.8	4.542	4.599	4.656	4.713	4.77	4.826	4.883	4.94	4.997	5.053
0.9	5.11	5.167	5.224	5.281	5.337	5.394	5.451	5.508	5.564	5.621
1.0	5.678									

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British
thermal
units per
square foot
hour degree F
to watts per
square metre
kelvin