

CONVERSION FACTORS

To Convert Length

<u>FROM</u>	<u>TO</u>	<u>MULTIPLY BY</u>
inches	centimeters	2.54
centimeters	inches	0.04
feet	centimeters	30.48
feet	meters	0.3048
centimeters	feet	0.03281
meters	feet	3.2808
mils	microns	25.0
microns	mils	0.04

To Convert Area

<u>FROM</u>	<u>TO</u>	<u>MULTIPLY BY</u>
square feet	square meters (m ²)	0.0929
square meters (m ²)	square feet	10.764

To Convert Volume

<u>FROM</u>	<u>TO</u>	<u>MULTIPLY BY</u>
U.S. gallon	liter	3.785
U.S. gallon	Imp. gallon	0.833
liter	U.S. gallon	0.264
liter	Imp. gallon	0.220
Imp. gallon	U.S. gallon	1.200
Imp. gallon	liter	4.550

To Convert Area/Volume

<u>FROM</u>	<u>TO</u>	<u>MULTIPLY BY</u>
sq. ft. / U.S. gallon	m ² / liter	0.0245
sq. ft. / U.S. gallon	m ² / Imp. gallon	0.1120
m ² / liter	sq. ft. / U.S. gallon	40.760
m ² / liter	sq. ft. / Imp. gallon	48.930
m ² / Imp. gallon	m ² / liter	0.2197

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To Convert Weight

<u>FROM</u>	<u>TO</u>	<u>MULTIPLY BY</u>
pounds	kilograms	0.4536
kilograms	pounds	2.2046
long tons	pounds	2240.0
short tons	pounds	2000.0
long tons	short tons	1.1200
short tons	long tons	0.8928

To Convert Pressure

<u>FROM</u>	<u>TO</u>	<u>MULTIPLY BY</u>
p.s.i.	kg/cm ²	0.0703
kg/cm ²	p.s.i.	14.223

To Convert Film Thickness

<u>FROM</u>	<u>TO</u>	<u>CALCULATE</u>
Wet film thickness	Dry film thickness	dft = wft x %VS
Dry film thickness	Wet film thickness	wft = dft / %VS

To Convert Temperature

<u>FROM</u>	<u>TO</u>	<u>CALCULATE</u>
celsius	fahrenheit	$^{\circ}\text{F} = ^{\circ}\text{C} (9/5) + 32$
fahrenheit	celsius	$^{\circ}\text{C} = (^{\circ}\text{F} - 32) (5/9)$

CONVERSION FACTORS

Temperature Conversion (Fahrenheit to Centigrade)

°F	°C
Zero	-17.8
1	-17.2
2	-16.7
3	-16.1
4	-15.6
5	-15.0
6	-14.4
7	-13.9
8	-13.3
9	-12.8
10	-12.2
11	-11.7
12	-11.1
13	-10.6
14	-10.0
15	-9.4
16	-8.9
17	-8.3
18	-7.8
19	-7.2
20	-6.7
21	-6.1
22	-5.6
23	-5.0
24	-4.4
25	-3.9
26	-3.3
27	-2.8
28	-2.2
29	-1.7
30	-1.1
31	-0.6
32	Zero
33	0.6
34	1.1
35	1.7
36	2.2
37	2.8
38	3.3
39	3.9
40	4.4

°F	°C
41	5.0
42	5.6
43	6.1
44	6.7
45	7.2
46	7.8
47	8.3
48	8.9
49	9.4
50	10.0
51	10.6
52	11.1
53	11.7
54	12.2
55	12.8
56	13.3
57	13.9
58	14.4
59	15.0
60	15.6
61	16.1
62	16.7
63	17.2
64	17.8
65	18.3
66	18.9
67	19.4
68	20.0
69	20.6
70	21.1
71	21.7
72	22.2
73	22.8
74	23.3
75	23.9
76	24.4
77	25.0
78	25.6
79	26.1
80	26.7
81	27.2

°F	°C
82	27.8
83	28.3
84	28.9
85	29.4
86	30.0
87	30.5
88	31.1
89	31.7
90	32.2
91	32.8
92	33.3
93	33.9
94	34.4
95	35.0
96	35.6
97	36.1
98	36.7
99	37.2
100	37.8
110	43.3
120	48.3
130	54.4
140	60.0
150	65.6
160	71.1
170	76.7
180	82.2
190	87.8
200	93.3
210	98.9
220	104.4
230	110.0
240	115.6
250	121.1
300	148.8
350	176.6
400	204.4
450	232.2
500	260.0
750	398.8
1000	537.7