

## Technical Information (Conversions)

Linear		
From	To	Multiply By
in.	mm	25.4
in.	cm	2.54
in.	m	.0254
ft.	mm	304.8
ft.	cm	30.48
ft.	m	.3048
yd.	mm	914.4
yd.	cm	91.44
yd.	m	.9144
mm	in.	.03937
mm	ft.	.00328
mm	yd.	.00109
cm	in.	.3937
cm	ft.	.0328
cm	yd.	.01094
m	in.	39.37
m	ft.	3.281
m	yd.	1.094

Temperature		
From	To	Multiply By
°F	°C	(°F-32)/1.8
°C	°F	(°C×1.8)+32

Weight		
From	To	Multiply By
oz(avdp)	gm	28.35
oz(avdp)	lb.	.0625
oz(avdp)	kilogram	.02835
lb.	gm.	453.6
lb.	oz(avdp)	16
lb.	kilogram	.4536
kilogram	lb.	2.205
kilogram	oz(avdp)	35.274
gram	oz(avdp)	.03274
gram	lb.	.0022
gram	kilogram	.001

Pressure		
From	To	Multiply By
atmospheres	psi	14.70
N/m <sup>2</sup>	psi	.000145
Pascal	psi	.000145
Kilopascal	psi	.14504
Megapascal	psi	145.04
Bar	psi	14.504
In. water	psi	.03613
In. mercury	psi	.4912
Torr	psi	.01934
Kg/cm <sup>2</sup>	psi	14.223
Kg/m <sup>2</sup>	psi	.00142
Dynes/cm <sup>2</sup>	psi	.000014
Lb/ft <sup>2</sup>	psi	.00694
psi	atmospheres	.06804
psi	N/m <sup>2</sup>	6894.8
psi	Pascal	6894.8
psi	Kilopascal	6.895
psi	Megapascal	.006895
psi	Bar	.06895
psi	In.Water	27.684
psi	In/Mercury	2.036
psi	Torr	51.715
psi	Kg/cm <sup>2</sup>	.07031
psi	Kg/m <sup>2</sup>	703.067
psi	Dynes/cm <sup>2</sup>	68947.6

Velocity		
From	To	Multiply By
in/sec	cm/sec	2.54
in/min	cm/min	2.54
ft/sec	m/sec	.3048
ft/min	m/min	.3048
mile/hr	kilometer/hr	1.609
kilometer/hr	mile/hr	.6214

Volume		
From	To	Multiply By
in <sup>3</sup>	mm <sup>3</sup>	16387.06
in <sup>3</sup>	cm <sup>3</sup>	16.39
in <sup>3</sup>	m <sup>3</sup>	.000016
in <sup>3</sup>	ft <sup>3</sup>	.00058
in <sup>3</sup>	ounce (fluid)	.5540
in <sup>3</sup>	liter	.01639
in <sup>3</sup>	gal	.00433
in <sup>3</sup>	lb. water	.03613
ft <sup>3</sup>	in <sup>3</sup>	1728
ft <sup>3</sup>	m <sup>3</sup>	.02832
ft <sup>3</sup>	gal	7.481
ft <sup>3</sup>	lb. water	62.42
ft <sup>3</sup>	liter	28.316
mm <sup>3</sup>	in <sup>3</sup>	.000061
cm <sup>3</sup>	in <sup>3</sup>	.06102
m <sup>3</sup>	in <sup>3</sup>	61023.4
m <sup>3</sup>	ft <sup>3</sup>	35.314
gal	in <sup>3</sup>	231
gal	ft <sup>3</sup>	.1337
gal	liter	3.785
liter	in <sup>3</sup>	61.02
liter	ft <sup>3</sup>	.0351
liter	ounce (fluid)	33.815
liter	gal	.2642
ounce (fluid)	in <sup>3</sup>	1.805
ounce (fluid)	liter	.0296
lb. water	in <sup>3</sup>	27.68
lb. water	ft <sup>3</sup>	.01602
lb. water	gal	.1198

