

Engineering Information

General Conversion Table

CONVERSION FACTORS - Metric to Imperial - and Imperial to Metric. Convert from a variety of metric and imperial units one to the other, change US Gallons to liters, litres to pints or inches to centimeters. Kilograms and pounds and many more.

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GENERAL CONVERSION TABLE			
Multiply by	To Convert	To	
2.5400000	Inches	Centimeteres	.3937000
30.4800000	Feet	Centimeteres	.3228000
.9140000	Yards	Meters	1.0940000
1,609.3000000	Mile	Metres	.0006210
1,853.2700000	Nautical Miles	Meters	.0005390
6.4500000	Square Inches	Sq. cum	.1550000
.0930000	Square Feet	Sq. Metres	10.7640000
.8360000	Square Yards	Sq. Metres	1.1960000
16.3900000	Cubic Inches	Cub. cms.	.0610000
28.3000000	Cabic Feet	Litres	.0353000
6.2400000	Cubic Feet	Gallons	.1602000
.7650000	Cabic Yards	Cub. Metres	1.3080000
.3732000	Pounds (Troy)	Kilogrammes	2.6800000
31.1000000	Ounces (Troy)	Grammes	.0322160
45.3600000	Pounds (Avoir)	Kilogrammes	2.2046000
7,000.0000000	Pounds (Avoir)	Grams	.0001480
28.3500000	Ounces (Avoir)	Grammes	.0353000
.0650000	Grains	Grammes	15.3800000
50.8000000	Cwt	Kilogrammes	.0968000
0.9000000	German Candies	English candles	1.1111000
9.5500000	Cercels	Candles	.1074000
	To Obtain	From	Multiply by above

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GENERAL CONVERSION TABLE - (Contd.)			
Multiply by	To Convert	To	
.7370000	Joules	Ft. lb.	1.3750000
88.0000000	Miles/Hour	Ft. Min	.0113400
179.0000000	Metres Sec.	Ft. Min	.0050800
1.8000000	C. H. U.	B. Th. U	.5555000
.0000208	Centipolse	Lb. Force Sec./Sq. Ft.	4.8000000
1.4880000	Lb. per ft.	Kgm. per metre	0.6720000
0.4960000	Lb. per yd.	Kgm. per metre	2.0160000
3,333.3300000	Tons. per ft.	Kgm. per metre	0.0003000
1,111.1100000	Tons. per yd.	Kgm. per metre	0.0009000
0.2818000	Lb. per mile	Kgm./Kilometre	3.5480000
10.9360000	Tons per sq. ft.	Tones cub Metre	0.0914000
1.2150000	Tons per sq. yd.	Tones cub Metre	0.8230000
1.3290000	Tons per cub yd.	Tones sq. Metre	0.7520000
0.0142600	Grains per gallon	Gm. per Litre	70.1200000
48.9050000	Gallons per sq. ft.	Litres sq./metre	0.0204000
25.8000000	Inch tons	K'grammetre	0.0287000
0.4770000	Lb. per H.P.	Kgm. per chevel	2.2350000
0.0916000	Sq. ft. per H.P.	Sq. metres/cheval	10.9130000
0.0279000	Cub. ft. per H.P.	Cub. metres/cheva	35.8060000
2.7130000	Heat units per H.P.	Calories/sq. metre	0.3690000
1,016.0000000	Tons	Kilogrammes	.0009840
	To Obtain	From	Multiply by above