

CONVERSIONS

ENGLISH/METRIC METRIC/ENGLISH

LENGTH	AREA	VOLUME	MASS
Inch x 25.40 = Millimetres	Sq Inch x 6.452 = Sq Centimetre	Cu Inch x 16.39 = Cu Centimetre	Ounce x 28.35 = Gram
Millimetres x 0.03973 = Inches	Sq Centimetre x 0.1550 = Sq Inch	Cu Cm x 0.06102 = Cu Inch	Gram x 0.03527 = Ounce
Feet x 0.3048 = Metres	Sq Foot x 0.0929 = Sq Metre	Cu Foot x 0.02832 = Cu Metre	Pound x 0.4536 = Kilogram
Metres x 3.281 = Feet	Sq Metre x 10.76 = Sq Foot	Cu Metre x 35.31 = Cu Foot	Kilogram x 2.205 = Pound
Miles x 1.609 = Kilometres	Sq Mile x 2.590 = Sq Kilometre		Kilogram/km x 0.6214 = Pound/kft
Kilometres x 0.6214 = Miles	Sq Kilometre x 0.3861 = Sq Mile		Pound/kft x 1.4881 = Kilogram/km
Ohms/km x 0.3048 = Ohms/kft	Circular Mil x 0.7854 = Sq Mil		

THICKNESS CONVERSION CHART

Inches	MM	Micron	Nominal Tolerance		
			Fraction	Min.	Max.
0.001	0.025	25			
0.002	0.05	51		0.045	0.055
0.003	0.08	76		0.070	0.085
0.004	0.1	102		0.090	0.110
0.005	0.13	127		0.115	0.140
0.006	0.15	152		0.135	0.165
0.007	0.18	178		0.160	0.195
0.0075	0.19	191			
0.008	0.2	203		0.185	0.220
0.009	0.23	229		0.205	0.250
0.010	0.25	254		0.230	0.275
0.012	0.3	305		0.275	0.330
0.013	0.33	330			
0.014	0.36	356		0.320	0.390
0.015	0.38	381		0.340	0.420
0.0156	0.40	396			
0.018	0.46	457			
0.020	0.51	508		0.460	0.560
0.025	0.64	635		0.570	0.690
0.030	0.76	762		0.690	0.830
0.031	0.79	787	1/32		
0.047	1.19				
0.063	1.60		1/16		
0.078	1.98				
0.094	2.39		3/32		
0.109	2.77				
0.125	3.18		1/8		

THERMAL CLASSES

Temperature Grades	
Y	90 deg
A	105 deg
E	120 deg
B	130 deg
F	155 deg
H	180 deg
C	220+ deg