

LIQUID VOLUME		
To Convert	Into	Multiply by
Ounces (oz)	Milliliters (ml)	29.57
Pints (pt)	Liters (l)	.4732
Quarts (qt)	Liters (l)	.9464
Gallons (gal)	Liters (l)	3.785
Milliliters (ml)	Ounces (oz)	.0338
Liters (l)	Pints (pt)	2.113
Liters (l)	Quarts (qt)	1.057
Liters (l)	Gallons (gal)	.2642

PRESSURE		
To Convert	Into	Multiply by
Pounds per square inch (psi)	Kilopascals (kPa)	6.895
Pounds per square inch (psi)	bar	.06895
Kilopascals (kPa)	Lbs per square inch (psi)	.145
Kilopascals (kPa)	bar	.01
bar	Lbs per square inch (psi)	14.503
bar	Kilopascals (kPa)	100.00

LENGTH		
To Convert	Into	Multiply by
Inches (in)	Millimeters (mm)	25.4
Inches (in)	Centimeters (cm)	2.54
Feet (ft)	Centimeters (cm)	30.48
Feet (ft)	Meters (m)	.3048
Yards (yd)	Meters (m)	.914
Miles (mi)	Kilometers (km)	1.609
Millimeters (mm)	Inches (in)	.039
Centimeters (cm)	Inches (in)	.394
Meters (m)	Feet (ft)	3.282
Kilometers (km)	Miles (mi)	.6214

AREA		
To Convert	Into	Multiply by
Square Inches (in <sup>2</sup> )	Square Centimeters (cm <sup>2</sup> )	6.452
Square Feet (ft <sup>2</sup> )	Square Meters (m <sup>2</sup> )	.093
Square Yards (yds <sup>2</sup> )	Square Meters (m <sup>2</sup> )	.836
Square Miles (mi <sup>2</sup> )	Square Kilometers (km <sup>2</sup> )	2.59
Square Centimeters (cm <sup>2</sup> )	Square Inches (in <sup>2</sup> )	.155
Square Meters (m <sup>2</sup> )	Square Yards (yds <sup>2</sup> )	1.196
Square Kilometers (km <sup>2</sup> )	Square Miles (mi <sup>2</sup> )	.386

HOSE SIZES			
1" Hose =	25.4 mm	4" Storz =	100.00 mm
1½" Hose =	38.1 mm	4" Hose =	101.60 mm
1¾" Hose =	44.5 mm	4½" Hose =	114.30 mm
2" Hose =	50.8 mm	5" Storz =	125.00 mm
2½" Hose =	63.5 mm	5" Hose =	127.00 mm
3" Hose =	76.2 mm	6" Hose =	152.40 mm
3½" Hose =	88.9 mm		

TIP SIZES			
¼" Tip =	19.1 mm	1 ½" Tip =	38.1 mm
⅜" Tip =	22.2 mm	1 ¾" Tip =	44.5 mm
1" Tip =	25.4 mm	2" Tip =	50.8 mm
1⅛" Tip =	28.6 mm	2 ¼" Tip =	57.2 mm
1¼" Tip =	31.8 mm	2 ½" Tip =	63.5 mm
1⅝" Tip =	34.9 mm	3" Tip =	76.2 mm

SOLID VOLUME		
To Convert	Into	Multiply by
Ounces (oz)	Grams (g)	28.3495
Pounds (lb)	Kilograms (kg)	.4536
Grams (g)	Ounces (oz)	.035
Kilograms (kg)	Pounds (lb)	2.205

PRESSURES GUIDELINES*		
50 psi =	345 kPa =	3.45 bar
60 psi =	414 kPa =	4.14 bar
70 psi =	488 kPa =	4.88 bar
75 psi =	517 kPa =	5.17 bar
80 psi =	552 kPa =	5.52 bar
90 psi =	621 kPa =	6.21 bar
100 psi =	690 kPa =	6.89 bar
150 psi =	1034 kPa =	10.34 bar
200 psi =	1379 kPa =	13.79 bar
250 psi =	1723 kPa =	17.23 bar
300 psi =	2069 kPa =	20.69 bar
350 psi =	2413 kPa =	24.13 bar
580 psi =	3999 kPa =	39.99 bar
700 psi =	4827 kPa =	48.27 bar

FLOW		
FLOW RATE	EXACT LPM	
12 gpm =	45.42 lpm	
13 gpm =	49.20 lpm	
15 gpm =	56.78 lpm	
20 gpm =	75.70 lpm	
23 gpm =	87.06 lpm	
25 gpm =	94.62 lpm	
30 gpm =	113.55 lpm	
40 gpm =	151.40 lpm	
50 gpm =	189.25 lpm	
60 gpm =	227.10 lpm	
70 gpm =	264.95 lpm	
75 gpm =	283.88 lpm	
85 gpm =	321.73 lpm	
95 gpm =	359.58 lpm	
100 gpm =	378.50 lpm	
120 gpm =	454.20 lpm	
125 gpm =	473.13 lpm	
150 gpm =	567.75 lpm	
175 gpm =	662.38 lpm	
200 gpm =	757.00 lpm	
250 gpm =	946.25 lpm	
300 gpm =	1135.50 lpm	
350 gpm =	1324.75 lpm	
375 gpm =	1419.38 lpm	
400 gpm =	1514.00 lpm	
450 gpm =	1703.25 lpm	
500 gpm =	1892.50 lpm	
550 gpm =	2081.75 lpm	
700 gpm =	2649.50 lpm	
750 gpm =	2838.75 lpm	
800 gpm =	3028.00 lpm	
1000 gpm =	3785.00 lpm	
1200 gpm =	4542.00 lpm	
1250 gpm =	4731.25 lpm	
1500 gpm =	5677.50 lpm	
2000 gpm =	7570.00 lpm	

\* The above are general guidelines. Elkhart Brass provides more precise figures as applicable.